

**WETLAND AND STREAM FUNCTIONS  
AND  
VALUES ASSESSMENT**

**HAINES HIGHWAY MP 3.5 to MP 25.3**

**Federal Project No. SHAK-095-6(28)**

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**Prepared for:**

State of Alaska Department of Transportation and Public Facilities  
Southeast Region  
6860 Glacier Highway  
Juneau, Alaska 99801-7999

**Prepared by:**

DOWL HKM  
4041 B Street  
Anchorage, Alaska 99503  
(907) 562-2000

W.O. 59119B

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**APPENDICES (available on attached CD)**

Appendix A.....	Figures
Appendix B.....	Functions and Values Assessment Work Sheets
Appendix C.....	Polygon Spreadsheet

### LIST OF ACRONYMS

CBJ.....	City and Borough of Juneau
JWMP .....	Juneau Wetlands Management Plan
MP.....	Milepost
NWI.....	National Wetlands Inventory
project .....	Haines Highway MP 3.5 to 25.3 project
U.S. ....	United States
USACE .....	United States Army Corps of Engineers
WET .....	Wetland Evaluation Technique

## 1.0 INTRODUCTION

In September 2006, DOWL HKM completed a wetland delineation of the study area for the proposed Haines Highway Milepost (MP) 3.5 to MP 25.3 project (project). The 898-acre project area is located along a 21.8-mile-long section of the Haines Highway. It begins at MP 3.5 just past the Haines airport and ends at MP 25.3 just beyond the Chilkat River Bridge (Appendix A, Figure 1). The project involves realigning, widening and straightening portions of the roadway, as well as replacing the Chilkat River Bridge. The delineation report (DOWL Engineers, 2006) included a functional assessment of all the wetlands identified, using the Southeast Alaska Freshwater Wetland Assessment Method (United States Army Corps of Engineers [USACE], 1998). The 2006 assessment was done by Cowardin type, not by individual wetland. A jurisdictional determination was received from the USACE for the project on February 9, 2010.

In February 2010, DOWL HKM was asked to complete a second functional assessment on the project area wetlands for use in the preparation of a compensatory wetland mitigation plan for the project. This report first summarizes the wetland delineation and preliminary functional assessment, then describes how the second functional assessment was done, and finally presents and discusses the results.

### 1.1 Summary of Wetland Delineation and Preliminary Functional Assessment - 2006

#### Wetland Delineation

The 2006 delineation report describes that a total of 248 acres of the study area are wetlands or riverine habitat. Of the seven National Wetlands Inventory (NWI) wetland classifications documented, riverine is the most common. Table 1 shows the amount of each type of wetlands by Viereck and NWI classifications. The wetlands are described in detail in the wetland delineation report.

**Table 1: Waters of the United States by Cowardin and Viereck Classifications (2006 Findings)**

Viereck	Cowardin	Acreage in Study Area
Herbaceous Swamp	PEM1H	40.6
Fresh Sedge Meadow	PEM1B	8.9
Bluejoint Meadow	PEM1B	15.4
Shrub Swamp	PSS1H, PSS1E	72.5
Seasonally Flooded Black Cottonwood Forest	PFO1C	11.8
Riverine	R3OW	99.2



### Preliminary Functional Assessment - 2006

Each of these wetland types was evaluated using criteria outlined in the Southeast Alaska Freshwater Assessment Method. The field data forms are available as an appendix to the 2006 wetland delineation report. In general, the wetlands were rated low to moderate for most functions, except for the riverine habitat that was ranked as “high” for four functions. The Preliminary Functional Assessment does not give an initial result that supports the Interdisciplinary Team’s finding that highest functional values support fish streams.

### **1.2 Second Functional Assessment - 2010**

The second functional assessment was done to assist with the mitigation planning. The proposed mitigation involves enhancing and creating streams within the project area. The functions of these mitigation areas were not evaluated in the preliminary functional assessment. In order to more accurately compare the functions of the individual impacted wetlands to the functions of the enhanced wetlands and created streams, the Wetland Evaluation Technique (WET; Adamus, 1987b) method was chosen as the second assessment method. The functional assessment of each wetlands polygon is included in Appendix B. A regional version of it has been used by the City and Bureau of Juneau (CBJ) and refined in the Juneau Wetland Management Plan (JWMP; CBJ, 1997). What made this method especially useful for this project is that the JWMP includes a method to quantify a wetland’s functions. This allows each impacted and mitigation wetland to be assigned an environmental score which is then multiplied by the acreage to yield the number of functional units lost or gained. The Interdisciplinary Team expressed that wetlands in the project area are high value and support fish habitat.

## **2.0 METHODS**

### **2.1 Qualitative Assessment**

First, impacted wetlands and mitigation sites were mapped and categorized. The project footprint was overlain on the wetland delineation map. Where a wetland or waterway would be impacted, a polygon was created. Each polygon was assigned an identification number and added to a spreadsheet. The spreadsheet lists each impacted polygon and its attributes such as size, the Cowardin and habitat class, type of impact, and location via stationing (see Appendix C).

Once all the impacted areas were documented, the mitigation areas were added. Mitigation areas were separated into two types:

- Areas where a stream section would be created to replace an impacted stream section (required mitigation), and
- Areas where a totally new stream would be created.

Second, we accounted for the enhancement of wetlands adjacent to the areas where new streams would be created. Distance zones were added to show the wetland areas within 50, 200, and 300 feet of:

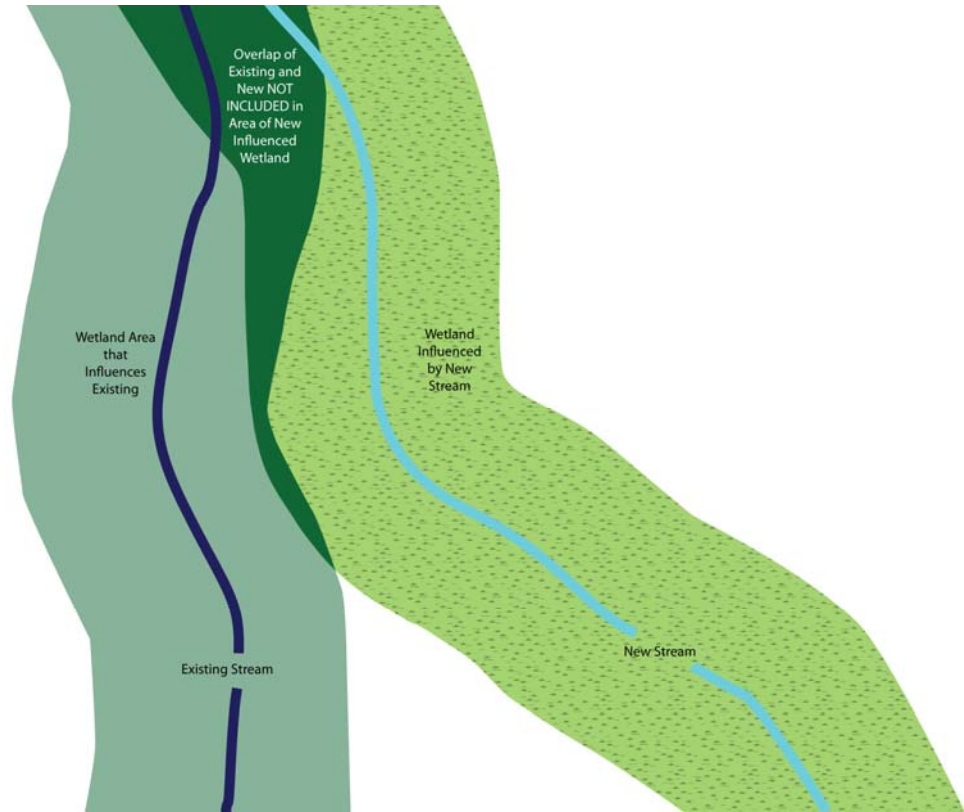
- The existing streams, and
- The new streams (see Figure 3).

Some of the distance zones are outside the wetland delineation study area so, where necessary, wetland boundaries were extrapolated using aerial photos.

Some of these new streams are near existing streams, so some wetland areas adjacent to new streams are also adjacent to existing streams. These two sets of buffers determine wetland enhancement areas that would only be influenced by new streams. That is we:

- Subtracted wetland areas that are influenced by existing streams from
- Wetland areas influenced by newly created streams.

The following diagram illustrates the areas of overlap where enhancement was not counted. To show the wetland enhancement areas influenced by new streams, we created Figure 4 by deleting from Figure 3 the areas influenced by the existing streams.



The following twelve functions of each polygon were qualitatively assessed using the Adamus WET (Adamus, 1987a). In applying the WET evaluation methodology to Juneau, Paul Adamus designed his Rapid Assessment Technique to fit conditions in Southeast Alaska:

- Groundwater Discharge and Lateral Flow
- Sediment/Toxicant Retention
- Nutrient Export
- Riparian Support
- Salmonid Habitat
- Erosion Sensitivity
- Groundwater Recharge
- Surface Hydrologic Control
- Recreational Use Potential
- Wildlife Support
- Regional Ecological Diversity
- Ecological Replacement Cost

Values of these wetland functions were evaluated using a Wetland Functional Assessment Worksheet developed specifically for this project. The completed work sheets are included as Appendix B. The work sheet was designed with checkboxes for each question so it would document exactly how the functional score was determined. The information used to determine the most accurate rating for each function as obtained from all available data including, but not limited to, the following project-specific reports:

- “Wetland Delineation and Wetland Functional Assessment, Vegetation Classification, Wildlife Habitat Assessment” (DOWL Engineers, 2006)
- “Hydrology and Hydraulics Report Haines Highway MP 3.5 to 25.3” (Inter-Fluve, 2009a)
- “Stream and Habitat Inventory Haines Highway MP 3.5 to 25.3” (Inter-Fluve, 2006)
- “Haines Highway Conceptual Mitigation Opportunities” (Inter-Fluve, 2009b)

The functions of individual wetlands were qualitatively rated on a scale of seven levels, each of which was assigned a numerical score as follows in Table 2:

**Table 2: Adamus Wetland Evaluation Technique Rapid Assessment Technique Numerical Scores**

<b>Very Low (VL)</b>	<b>Low (L)</b>	<b>Moderately-Low (ML)</b>	<b>Moderate (M)</b>	<b>Moderately-High (MH)</b>	<b>High (H)</b>	<b>Very High (VH)</b>
1	2	3	4	5	6	7

Nine of the twelve functions--groundwater discharge, groundwater recharge, surface hydrologic control, regional ecological diversity, sediment/toxicant retention, nutrient export, recreational use potential, ecological replacement cost, and erosion sensitivity--were rated based solely on objective data such as slope and distance to streams. The remaining three functions--salmonid habitat, wildlife support, and riparian support--required some use of professional judgment to determine the type and density of vegetation from the aerial photographs and limited site photographs. For salmonid habitat, the determination of fair, good, or excellent habitat was based on the project’s Stream and Habitat Inventory (Inter-Fluve, 2006).

### Quality Assurance/Quality Control

As the work sheets were being filled out it became apparent that the polygons could be grouped by common attributes and that doing so would be a good way to quality check the evaluation process. Since polygons with common attributes should be ranked the same for the certain functions, the grouping served as a way to ensure that the two evaluators were not ranking them differently. The two attributes that have the most bearing on the functional score are slope and proximity to streams. When these two attributes were added to the polygon spreadsheet and sorted, the polygons were divided into fourteen groups. The most common combination of these two attributes is 0 to 3 percent slope and an intersecting stream; 50 percent of the polygons fell into this group. The second most common, with 18 percent of the polygons, is 3 to 7 percent slope and an intersecting stream. The third most common, with 10 percent, is 0 to 3 percent slope and less than 50 feet from a stream. The remaining groups all had less than 5 percent of the polygons.

## **2.2 Quantitative Assessment**

The JWMP (CBJ, 1997) outlines a method for calculating an “Environmental Score” for the wetlands evaluated in Adamus Resource Assessment, Inc. (1987a). The USACE recognized that wetlands vary in ecological value by the types of functions they perform, and this Environmental Score has the potential to aid in the permitting process (CBJ, 1997).

The Environmental Score calculations used in this report are based on the JWMP methods, but are applied to single wetland polygons rather than broader wetlands areas. Another difference is that for the environmental score calculation, the functions were not divided into support categories (i.e., human use support, aquatic support, and terrestrial support). This was not done because for this project, there was no need to equalize the weight each support category receives, rather each function contributed to the overall score based on the weighting factor assigned.

The following subsections describe preliminary calculations necessary to calculate the Environmental Score.

### 2.2.1 Total Weighting Factor

Using the following criteria used by the CBJ, a numerical total weighting factor was determined for each of the Adamus functions:

- Confidence (reliability) of the qualitative functional rating.
- Relative contribution of the function to its support category.
- The sensitivity to human presence (the effects of dredge and fill on each function).
- The economic value based on availability of substitutes (ability of man-made solutions to replace a given function).

These four criteria were rated on a scale of 1 through 3 for each wetland function assessed.

1 = small positive correlation

2 = intermediate or indeterminate positive correlation

3 = strong positive correlation

These ratings are project-specific and are the consensus of several biologists familiar with the project's wetlands (Schempf personal communication, 2010).

Confidence was rated high (3) for most functions for this project area because each wetland polygon was assessed individually. Recreational Use Potential was ranked lower for confidence due to the lack of actual use data.

Component Contribution is a judgment of how important each function is to the ecosystem, with 3 being most important. Nutrient Export was judged to be of lower importance because nutrient over-enrichment has not been a problem in southeast Alaska (Adamus, 1987a). Salmonid Habitat was ranked high because of its importance to the region's economy. Because these wetlands are adjacent to a highway they were judged differently than other wetlands; for example Sediment/Toxicant Retention was ranked moderate because while there is not a lot of sediment or toxicants in the area, the roadside ditches do function to filter the road runoff before it reaches the Chilkat River.

Sensitivity of Human Use was ranked using 3 to mean highly sensitive. Groundwater Discharge and Nutrient Export were ranked low (1) because those functions continue even when the wetlands are filled.

Economic Value Based on Availability of Substitutes was ranked high for most functions due to the lack of man-made methods to perform the functions.

Table 3 shows how the weighting factors were calculated for each function.

**Table 3: Calculation of Weighting Factors for each Wetland Function**

<b>Wetland Function</b>	<b>Confidence</b>	<b>Component Contribution</b>	<b>Sensitivity to Human Use</b>	<b>Economic Value Based on Availability of Substitutes</b>	<b>Total = Weighting Factor</b>
Groundwater Discharge and Lateral Flow	3	3	1	3	<b>10</b>
Sediment/Toxicant Retention	3	2	3	2	<b>10</b>
Nutrient Export	3	1	1	2	<b>7</b>
Riparian Support	3	3	3	3	<b>12</b>
Salmonid Habitat	3	3	3	3	<b>12</b>
Erosion Sensitivity	3	2	2	2	<b>9</b>
Groundwater Recharge	3	3	2	1	<b>9</b>
Surface Hydrologic Control	3	3	2	2	<b>10</b>
Recreational Use Potential	1	2	2	2	<b>7</b>
Wildlife Support	3	3	3	3	<b>12</b>
Regional Ecological Diversity	2	2	3	3	<b>10</b>
				<b>TOTAL</b>	<b>108</b>

**2.2.2 Environmental Score Calculation**

The Environmental Score for each wetland polygon was calculated by multiplying the score for each function by the weighting factor and then adding all the weighted scores together. The sum of the weighted scores for each function is the Environmental Score.

**2.2.3 Functional Units**

The Functional Units were determined by multiplying the wetland’s Environmental Score by the wetland’s acreage.

The calculation of functional units can be applied to single wetlands or groups of related wetlands. While CBJ (1997) applied this method to large groups of wetlands, a higher-resolution functional assessment allows for a more thorough accounting system for determining wetland impacts and mitigation. For this assessment each wetland polygon was assessed separately. A polygon is an area of wetland or stream either impacted or planned to be constructed as part of the mitigation.

### **3.0 RESULTS AND DISCUSSION**

This section presents a general description of the assessed wetlands and streams, then a more detailed description by function, and finally summarizes the scores for the impacted wetlands and the mitigation wetlands in two separate tables.

Because most of the impacted wetlands and streams assessed are located very close to the Haines Highway they serve some functions better than others. For example, the slope adjacent to the road is generally gentle which allows them to rank higher for sediment/toxicant retention, ground water discharge, and surface hydrologic control. The proximity of the roadway also means they are rated lower for wildlife and riparian support.

Because the twelve stream mitigation sites do not currently exist, their functions were assessed based on a combination of site specific data such as slope, vegetation, and fish use of existing stream sections, in addition to information in the conceptual mitigation drawings and memorandum. The proposed mitigation sites are also located near the Haines Highway but in most cases are not right alongside the roadway. Therefore, slopes may vary more and by design they are expected to perform the salmonid habitat and wildlife support functions at a higher level.

None of the wetlands or streams in the study area are tidally influenced (Inter-Fluve, 2006). The slope varies widely, with flat areas along the Chilkat River and steep slopes adjacent to the north side of the highway. Approximately 50 percent of the polygons are intersected by, or consist of, perennial streams, all of which contain anadromous salmonid species. According to Inter-Fluve's Stream and Habitat Assessment (Inter-Fluve, 2006), fish use of these streams and adjacent wetlands can be year-round.



### **3.1 Wetland Functions**

#### **3.1.1 Groundwater Discharge**

Groundwater discharge is the upward flow of groundwater from the aquifer to the surface. Both the impacted wetlands and mitigation sites in the study area ranked high or moderate for this function because they are not tidal and perennial streams are common.

#### **3.1.2 Sediment/Toxicant Retention**

Sediment/toxicant retention is the removal of inorganic sediments or potentially toxic metals or hydrocarbons from solution, through filtering or settling of particulate matter. This function can be good for the downstream wetlands but can be harmful when sediments/toxicants collect where salmon eggs or other sensitive aquatic organisms are present.

Because the impacted wetlands in the study area are located along a highway, they do receive contaminated runoff from the road surface. Without the presence of the wetlands this runoff would have a more direct route downstream to the streams and tributaries that feed into the Chilkat River, reducing the water quality. Sediment is also introduced into these wetlands seasonally, as they are located between steep slopes and the Chilkat River valley. During high rainfall events large amounts of sediment can enter these wetlands on its way downstream to the river.

Many of the impacted wetlands in the study area were rated high for this function due to low slopes. The mitigation sites were rated lower because streams do not retain sediment and toxicants as well as wetlands.

#### **3.1.3 Nutrient Export**

This function concerns a wetland's ability to transform and/or export organic forms of nitrogen and phosphorus. In some regions of the United States (U.S.) the removal or retention of these elements by headwater wetlands is viewed as a positive attribute because downstream lakes and estuaries have become so enriched that algae flourishes at nuisance levels, and consequently causes deoxygenation of water and increased costs for water treatment. As Adamus (1987) describes, this appears not to be the case in southeast Alaska, as no adverse economic effects of

over-enrichment have been specifically documented. Therefore, nutrient retention/removal per se is not viewed as a necessarily positive function.

The impacted wetlands that contained or consisted of streams were rated higher and those without streams rated lower. Since all the mitigation sites are streams they were rated high for this function.

#### 3.1.4 Riparian Support

This function relates to a wetland's influence on water temperature (thermoregulation) and export of decaying plant material (carbon export). Overhanging vegetation provides protection for salmon smolts.

The impacted wetlands that contained or consisted of perennial streams were rated higher and those without streams rated lower. Most of the roadside streams lack dense riparian vegetation due to the brushing that is required for highway maintenance. Since all the mitigation areas are perennial streams they were rated high for this function.

#### 3.1.5 Salmonid Habitat

The information used to rate this function was obtained from the Stream and Habitat Inventory prepared for this project (Inter-Fluve, 2006), a short summary follows.

The Chilkat River adjacent to the project area is used as a mitigation corridor for all five species of pacific salmon. Pinks, chums, and coho spawn in various locations of the main stem along the project area, with chum salmon spawning being the most common. Spawning occurs throughout the summer and late fall. Coho are known to spawn as late as January in the Chilkat River. Eggs are present between spawning and completion of hatching and emergence in mid-May. Juvenile coho and chinook use the main stem and side channels of the Chilkat River for rearing year-round. There is over-wintering in the slower side channels of the river. Dolly Varden also rear in the main stem of the river.

Some of the tributaries of the Chilkat are used for spawning and rearing by adult salmon, Dolly Varden, and cutthroat trout between early spring and very late fall. Eggs or alevins are present until hatching and emergence is complete in the spring. Most of the small streams and wetlands

areas connected to the river are used by rearing juvenile fish throughout the year. Some streams are spring fed and remain flowing throughout the winter, but some are fed by runoff and have no flow during the winter. Wetlands that appear to be isolated during certain times of year may hold significant populations of juvenile salmon that have immigrated during a previous high water event.

Most of the impacted streams in the project area rated moderate to high depending on the documented use and quality of habitat. The mitigation sites were rated very high because they are designed to provide excellent habitat.

### 3.1.6 Erosion Sensitivity

This function describes the sediment-stabilizing ability of the wetland and is based on the slope and cover type.

Most of the impacted wetlands were rated low for this function because of the gentle slopes and presence of forest cover. The mitigation sites' performance of this function varies by slope.

### 3.1.7 Groundwater Recharge

Groundwater recharge is the net downward flow of the wetland's surface water into underlying aquifers. The impacted wetlands without streams rated high or moderate for this function because of the gentle slopes. The mitigation sites rated lower because streams move water along the surface rather than allow it to flow downward.

### 3.1.8 Surface Hydrologic Control

This function refers to the ability of wetlands to moderate peak flows. This is important for reducing the velocity of runoff by delaying the release of water to downstream areas immediately after storms, sustaining stream flows during dry seasons, and reducing bank erosion and channel bed scour. This function is especially important in certain areas of the project area where flooding has occurred during the rainy season.

The impacted wetlands without intersecting streams rated high for this function because of the gentle slopes. The mitigation sites and those impacted wetlands with intersecting streams generally rated moderate high because most had gentle or moderate slopes.

### 3.1.9 Recreational Use Potential

This function describes the potential value of the wetland for recreational use and is based on its location relative to trailheads, roads, and public land. Two established trailheads are located in the project area, near MPs 7 and 20.

Most of the impacted wetlands and mitigation sites were rated moderate low for this function because they are close to a road and on public land. Those within 0.5 mile of a trailhead, and on public land, were rated high.

### 3.1.10 Wildlife Support

The wildlife support function describes the value of the wetland to the area's wildlife. The score is based on vegetation type and density, whether or not the wetland creates a gap in the cover, and distance to a developed area.

The impacted wetlands were generally rated low or moderate low due to their proximity to the highway and lack of dense vegetation. Some were rated high due to salmonid access. The mitigation sites are also located within a half-mile of the highway, but all have salmonid access so they were generally rated higher than the impacted wetlands.

### 3.1.11 Regional Ecological Diversity

This function describes the rarity of the flora and fauna of the wetland. Because the impacted and mitigation wetlands were not surveyed to determine the bird or vegetation species present, this rating is based on the rarity of the wetland type within the study area, and the vegetation present. Only one Cowardin type had less than five occurrences, PEM1B (fresh sedge meadow). These two polygons were rated high for this function.

Most of the impacted wetlands were rated moderate to moderate high because many border streams have either a shrub component or are forested. The mitigation sites were generally rated moderate high due to the presence of shrub/scrub vegetation bordering a stream.

### 3.1.12 Ecological Replacement Cost

This function describes the expected time necessary to naturally replace a wetland. The score is based on the presence of peat and whether or not the wetland is forested. Soil data from the

project’s wetland delineation (DOWL Engineers, 2006) indicates that peat is found in most of the project area wetlands.

The impacted wetlands that are forested rated higher than other types of wetlands. The mitigation sites rated lower as they will not contain peat and are not yet forested.

### 3.2 Summary

The numerical results of the functional assessment are summarized in Tables 4, 5, and 6 below. For each of the polygons evaluated, these three tables show the total environmental score and the total functional units. The polygons are broken into three tables for an easy comparison of total function units lost and gained to assist with the mitigation planning.

The summary tables show that the wetlands and streams to be impacted by the project are currently providing 13,031.30 functional units. The impacted stream replacements would provide 643.46 functional units. The ten proposed stream mitigation sites would provide 628.14 functional units from the new stream habitat plus 373.25 functional units from the enhancement of the adjacent wetlands. The total functional units gained would be 1,644.85. Subtracting the functional units gained from the functional units lost yields a deficit of 11,386.45 functional units.

**Table 4: Impacted Wetlands and Streams Functional Units**

Wetland Identification	Wetland Function and Value			
	Polygon	Environmental Score	Acres	Impact or Mitigation
1	457	0.01	Impact	4.57
2	445	0.000018	Impact	0.01
3	469	0.000262	Impact	0.12
4	430	0.618	Impact	265.74
6	445	0.12	Impact	53.40
10	457	0.09	Impact	41.13
11	459	0.06	Impact	27.54
13	457	0.006	Impact	2.74
14	457	0.01	Impact	4.57
16	411	0.01	Impact	4.11
18	445	0.006	Impact	2.67
19	445	0.0009	Impact	0.40
20	445	0.004	Impact	1.78
22	445	0.005	Impact	2.23

Wetland Identification	Wetland Function and Value			
Polygon	Environmental Score	Acres	Impact or Mitigation	Functional Units
26	445	0.01	Impact	4.45
27	459	0.0026	Impact	1.19
28	457	0.219	Impact	100.08
29	445	0.0075	Impact	3.34
30	447	0.002	Impact	0.89
31	445	0.038	Impact	16.91
33	445	0.003	Impact	1.34
36	469	0.0002	Impact	0.09
38	457	0.01	Impact	4.57
39	445	0.0589	Impact	26.21
40	447	0.487	Impact	217.69
41	423	0.076	Impact	32.15
42	391	0.075	Impact	29.33
43	447	0.0006	Impact	0.27
44	447	0.001	Impact	0.45
45	447	0.067	Impact	29.95
46	448	0.031	Impact	13.89
48	430	0.001	Impact	0.43
49	430	0.0007	Impact	0.30
50	430	0.0014	Impact	0.60
53	430	0.0004	Impact	0.17
55	454	0.0003	Impact	0.14
56	457	0.007	Impact	3.20
57	457	0.14	Impact	63.98
58	445	0.4	Impact	178.00
59	397	0.0003	Impact	0.12
60	445	0.27	Impact	120.15
61	469	0.003	Impact	1.41
70	445	0.585	Impact	260.33
71	445	0.35	Impact	155.75
72	423	0.58	Impact	245.34
73	423	0.034	Impact	14.38
74	423	0.02	Impact	8.46
75	423	0.525	Impact	222.08
76	501	0.0026	Impact	1.30
77	435	0.023	Impact	10.01
78	423	0.34	Impact	143.82
79	346	0.18	Impact	62.28
80	355	0.049	Impact	17.40
81	442	0.01	Impact	4.42
82	414	0.0376	Impact	15.57
83	346	0.105	Impact	36.33
84	346	0.098	Impact	33.91

**Table 4: Impacted Wetlands and Streams Functional Units (cont)**

Wetland Identification	Wetland Function and Value			
	Polygon	Environmental Score	Acres	Impact or Mitigation
85	478	0.0588	Impact	28.11
86	466	0.01	Impact	4.66
87	478	0.045	Impact	21.51
88	466	0.17	Impact	79.22
104	490	0.01	Impact	4.90
105	478	0.449676	Impact	214.95
106	478	0.01	Impact	4.78
107	478	0.726	Impact	347.03
108	432	0.254	Impact	109.73
109	466	0.00006	Impact	0.03
110	458	0.037	Impact	16.95
111	425	0.00007	Impact	0.03
112	478	0.01	Impact	4.78
113	475	0.0001	Impact	0.05
114	435	0.065	Impact	28.28
115	454	0.078	Impact	35.41
116	457	0.01	Impact	4.57
117	445	0.012	Impact	5.34
118	432	0.01	Impact	4.32
119	445	0.1177	Impact	52.38
120	442	0.89	Impact	393.38
121	445	0.004	Impact	1.78
122	373	0.0016	Impact	0.60
123	442	0.00278	Impact	1.23
124	414	0.018	Impact	7.45
125	442	0.488	Impact	215.70
126	457	0.01	Impact	4.57
127	402	2.29	Impact	920.58
128	402	0.016	Impact	6.43
129	402	0.089	Impact	35.78
130	402	0.253	Impact	101.71
131	402	0.0004	Impact	0.16
132	445	0.99	Impact	440.55
133	445	0.2587	Impact	115.12
134	445	0.01	Impact	4.45
135	445	0.009	Impact	4.01
136	445	0.7179	Impact	319.47
137	411	1.6779	Impact	689.62
138	411	0.05	Impact	20.55
139	376	0.09	Impact	33.84
140	445	0.07	Impact	31.15
141	445	0.18	Impact	80.10

**Table 4: Impacted Wetlands and Streams Functional Units (cont)**

Wetland Identification	Wetland Function and Value			
	Polygon	Environmental Score	Acres	Impact or Mitigation
143	445	0.1	Impact	44.50
144	442	0.65	Impact	287.30
149	445	0.39	Impact	173.55
150	411	0.28	Impact	115.08
154	445	0.08	Impact	35.60
155	445	0.01	Impact	4.45
156	445	0.41	Impact	182.45
157	445	0.87	Impact	387.15
158	334	0.06	Impact	20.04
159	372	0.0005	Impact	0.19
160	430	0.89	Impact	382.70
164	442	0.0002	Impact	0.09
166	442	0.0006	Impact	0.27
167	459	0.001	Impact	0.46
168	402	0.17	Impact	68.34
169	414	0.063	Impact	26.08
170	402	0.04	Impact	16.08
171	402	0.01	Impact	4.02
172	445	0.02	Impact	8.90
173	445	1.61	Impact	716.45
174	411	0.38	Impact	156.18
175	457	0.01	Impact	4.57
176	445	0.01	Impact	4.45
177	402	0.02	Impact	8.04
178	411	0.4	Impact	164.40
179	385	0.38	Impact	146.30
180	457	0.01	Impact	4.57
181	457	0.23	Impact	105.11
185	442	0.00006	Impact	0.03
189	445	0.05	Impact	22.25
190	445	0.005	Impact	2.23
191	445	0.02	Impact	8.90
196	445	0.23	Impact	102.35
202	445	0.0004	Impact	0.18
204	445	0.003	Impact	1.34
205	382	0.09	Impact	34.38
206	457	0.003	Impact	1.37
207	373	0.28	Impact	104.44
208	445	0.13	Impact	57.85
209	454	0.0005	Impact	0.23
210	454	0.19	Impact	86.26
211	454	0.02	Impact	9.08



**Table 4: Impacted Wetlands and Streams Functional Units (cont)**

Wetland Identification	Wetland Function and Value			
	Polygon	Environmental Score	Acres	Impact or Mitigation
212	445	0.21	Impact	93.45
213	442	0.02	Impact	8.84
214	445	0.3	Impact	133.50
215	457	0.001	Impact	0.46
216	385	0.359	Impact	138.22
217	411	0.27	Impact	110.97
219	454	0.04	Impact	18.16
220	445	0.34	Impact	151.30
221	430	0.01	Impact	4.30
229	430	0.03	Impact	12.90
230	432	0.081376	Impact	35.15
231	432	0.000129	Impact	0.06
232	472	0.099672	Impact	47.05
233	334	0.009517	Impact	3.18
234	475	0.023969	Impact	11.39
235	422	5.86E-05	Impact	0.02
236	458	0.006332	Impact	2.90
237	398	0.011258	Impact	4.48
238	432	0.00555	Impact	2.40
239	442	0.514138	Impact	227.25
240	414	0.118153	Impact	48.92
241	397	0.429987	Impact	170.70
242	445	0.22686	Impact	100.95
243	475	0.099385	Impact	47.21
244	406	0.178573	Impact	72.50
245	491	0.030714	Impact	15.08
246	523	0.007703	Impact	4.03
247	535	0.027014	Impact	14.45
254	487	0.025096	Impact	12.22
258	478	0.000453	Impact	0.22
261	394	0.001266	Impact	0.50
262	434	0.013638	Impact	5.92
264	455	0.028437	Impact	12.94
267	464	0.012408	Impact	5.76
270	404	0.007491	Impact	3.03
271	404	0.008495	Impact	3.43
278	413	0.646621	Impact	267.05
279	424	0.881968	Impact	373.95
280	400	0.31442	Impact	125.77
281	422	0.279651	Impact	118.01
282	398	0.004891	Impact	1.95
283	421	0.039338	Impact	16.56

**Table 4: Impacted Wetlands and Streams Functional Units (cont)**

Wetland Identification	Wetland Function and Value			
	Polygon	Environmental Score	Acres	Impact or Mitigation
284	431	0.000609	Impact	0.26
292	436	0.003443	Impact	1.50
300	357	0.030413	Impact	10.86
301	427	0.003315	Impact	1.42
302	403	0.030211	Impact	12.18
303	377	0.157072	Impact	59.22
304	380	0.011088	Impact	4.21
305	393	0.006394	Impact	2.51
306	390	0.009223	Impact	3.60
307	393	0.034315	Impact	13.49
316	472	0.002355	Impact	1.11
318	351	0.01701	Impact	5.97
319	472	0.018606	Impact	8.78
320	448	0.000221	Impact	0.10
321	448	0.000221	Impact	0.10
322	448	0.000221	Impact	0.10
323	448	0.000221	Impact	0.10
324	448	0.000221	Impact	0.10
325	448	0.000221	Impact	0.10
326	448	0.000221	Impact	0.10
327	448	0.000221	Impact	0.10
328	448	0.000221	Impact	0.10
329	448	0.000221	Impact	0.10
330	448	0.000221	Impact	0.10
331	448	0.000221	Impact	0.10
332	424	0.147416	Impact	62.50
333	434	0.064986	Impact	28.20
<b>Total Functional Units Impacted</b>				<b>13,031.30</b>

**Table 5: Stream Mitigation Sites Functional Units**

<b>Polygon</b>	<b>Environmental Score</b>	<b>Acres</b>	<b>Impact or Mitigation</b>	<b>Enhanced or Required Mitigation</b>	<b>Functional Units</b>
5	471	0.64	Mitigation	Enhanced	301.44
7	471	0.02	Mitigation	Enhanced	10.83
8	471	0.03	Mitigation	Enhanced	11.78
9	469	0.01	Mitigation	Enhanced	4.69
15	445	0.001	Mitigation	Required	0.31
23	459	0.004	Mitigation	Enhanced	1.84
24	445	0.0004	Mitigation	Required	0.18
25	445	0.0003	Mitigation	Enhanced	0.13
32	433	0.01	Mitigation	Required	4.33
34	433	0.001	Mitigation	Enhanced	0.43
35	471	0.01	Mitigation	Enhanced	4.71
37	469	0.001	Mitigation	Required	0.47
47	436	0.02	Mitigation	Required	8.72
51	442	0.001	Mitigation	Enhanced	0.44
52	460	0.03	Mitigation	Enhanced	13.8
54	454	0.001	Mitigation	Enhanced	0.45
62	457	0.003	Mitigation	Required	1.37
63	469	0.001	Mitigation	Enhanced	0.47
65	457	0.0004	Mitigation	Required	0.18
66	445	0.01	Mitigation	Required	4.45
67	457	0.001	Mitigation	Enhanced	0.46
68	457	0.0002	Mitigation	Enhanced	0.09
69	457	0.001	Mitigation	Enhanced	0.23
89	463	0.0002	Mitigation	Required	0.09
90	463	0.0002	Mitigation	Required	0.09
91	478	0.001	Mitigation	Enhanced	0.48
92	478	0.01	Mitigation	Enhanced	4.78
93	490	0.001	Mitigation	Enhanced	0.49
94	532	0.002	Mitigation	Required	1.06
95	490	0.004	Mitigation	Required	1.96
96	532	0.001	Mitigation	Required	0.53
97	478	0.004	Mitigation	Required	1.91
98	532	0.001	Mitigation	Required	0.53
99	478	0.004	Mitigation	Required	1.91

**Table 5: Stream Mitigation sites Functional Units (cont)**

<b>Polygon</b>	<b>Environmental Score</b>	<b>Acres</b>	<b>Impact or Mitigation</b>	<b>Enhanced or Required Mitigation</b>	<b>Functional Units</b>
100	478	0.003	Mitigation	Required	1.43
101	556	0.003	Mitigation	Required	1.67
102	532	0.003	Mitigation	Required	1.6
103	490	0.003	Mitigation	Required	1.47
145	459	0.11	Mitigation	Required	50.49
146	457	0.27	Mitigation	Required	123.39
147	483	0.46	Mitigation	Required	219.77
148	457	0.01	Mitigation	Required	4.57
151	457	0.001	Mitigation	Enhanced	0.46
152	469	0.03	Mitigation	Enhanced	14.07
153	457	0.0004	Mitigation	Enhanced	0.18
161	454	0.001	Mitigation	Enhanced	0.45
162	457	0.02	Mitigation	Enhanced	9.14
163	457	0.001	Mitigation	Enhanced	0.46
165	442	0.02	Mitigation	Required	8.84
182	457	0.002	Mitigation	Enhanced	0.91
183	469	0.06	Mitigation	Enhanced	26.26
184	457	0.001	Mitigation	Enhanced	0.46
186	454	0.004	Mitigation	Required	1.82
187	457	0.001	Mitigation	Enhanced	0.46
188	469	0.11	Mitigation	Enhanced	51.59
192	457	0.04	Mitigation	Required	18.28
193	457	0.001	Mitigation	Required	0.46
194	469	0.003	Mitigation	Enhanced	1.41
195	469	0.002	Mitigation	Enhanced	0.94
197	469	0.03	Mitigation	Enhanced	14.07
198	469	0.001	Mitigation	Enhanced	0.47
199	469	0.01	Mitigation	Enhanced	2.35
200	454	0.001	Mitigation	Enhanced	0.45
201	457	0.13	Mitigation	Required	59.41
203	457	0.001	Mitigation	Required	0.46
218	417	0.04	Mitigation	Enhanced	16.68
222	426	0.001	Mitigation	Enhanced	0.43
223	396	0.01	Mitigation	Enhanced	3.96
224	402	0.07	Mitigation	Required	28.14

**Table 5: Stream Mitigation sites Functional Units (cont)**

<b>Polygon</b>	<b>Environmental Score</b>	<b>Acres</b>	<b>Impact or Mitigation</b>	<b>Enhanced or Required Mitigation</b>	<b>Functional Units</b>
225	396	0.001	Mitigation	Enhanced	0.4
226	408	0.02	Mitigation	Enhanced	8.16
227	396	0.001	Mitigation	Enhanced	0.4
228	423	0.03	Mitigation	Enhanced	12.69
248	532	0.03	Mitigation	Required	16.82
249	450	0.0002	Mitigation	Enhanced	0.1
250	403	0.001	Mitigation	Required	0.34
251	492	0.01	Mitigation	Required	3.25
252	443	0.02	Mitigation	Enhanced	6.65
253	501	0.001	Mitigation	Required	0.51
255	535	0.0004	Mitigation	Enhanced	0.23
256	490	0.003	Mitigation	Enhanced	1.31
257	490	0.001	Mitigation	Enhanced	0.45
259	451	0.001	Mitigation	Enhanced	0.34
260	424	0.07	Mitigation	Enhanced	28.8
263	474	0.03	Mitigation	Required	14.15
265	500	0.02	Mitigation	Required	8.73
266	434	0.001	Mitigation	Required	0.35
268	503	0.01	Mitigation	Enhanced	4.93
269	500	0.01	Mitigation	Enhanced	2.29
272	404	0.001	Mitigation	Required	0.39
273	479	0.03	Mitigation	Enhanced	12.19
274	458	0.0003	Mitigation	Enhanced	0.15
275	478	0.01	Mitigation	Required	2.81
276	500	0.002	Mitigation	Enhanced	0.83
277	434	0.00001	Mitigation	Required	0
285	523	0.001	Mitigation	Enhanced	0.5
286	523	0.004	Mitigation	Enhanced	2.07
287	523	0.001	Mitigation	Enhanced	0.27
288	520	0.002	Mitigation	Enhanced	1.32
289	520	0.01	Mitigation	Enhanced	4.46
290	480	0.001	Mitigation	Enhanced	0.71
291	436	0.03	Mitigation	Required	13.93
293	436	0.01	Mitigation	Required	3.55
294	499	0.03	Mitigation	Required	14.31

**Table 5: Stream Mitigation sites Functional Units (cont)**

<b>Polygon</b>	<b>Environmental Score</b>	<b>Acres</b>	<b>Impact or Mitigation</b>	<b>Enhanced or Required Mitigation</b>	<b>Functional Units</b>
295	496	0.0002	Mitigation	Required	0.11
296	496	0.001	Mitigation	Enhanced	0.3
297	496	0.03	Mitigation	Enhanced	15.32
298	496	0.002	Mitigation	Enhanced	1.15
299	400	0.02	Mitigation	Required	6.49
308	393	0.001	Mitigation	Enhanced	0.6
309	390	0.02	Mitigation	Enhanced	6.06
310	390	0.001	Mitigation	Enhanced	0.07
311	458	0.01	Mitigation	Required	3.36
312	427	0.002	Mitigation	Enhanced	1.05
313	427	0.001	Mitigation	Enhanced	0.73
314	442	0.02	Mitigation	Enhanced	8.74
315	442	0.01	Mitigation	Required	4.47
317	481	0.004	Mitigation	Enhanced	2.13
<b>Total Enhanced</b>					<b>628.14</b>
<b>Total Required</b>					<b>643.46</b>
<b>Total Functional Units Mitigated</b>					<b>1,271.60</b>

**Table 6: Adjacent Wetlands Enhanced Functional Units**

<b>Polygon</b>	<b>Current Functional Units</b>	<b>Functional Units After Mitigation</b>	<b>Functional Gain or Loss</b>
1300	125.96	144.01	18.04
1301	67.88	76.20	8.33
1302	13.50	15.16	1.66
1304	552.70	595.96	43.26
1305	19.60	21.22	1.62
1306	84.46	95.11	10.65
1307	12.29	13.22	0.93
1308	93.05	97.06	4.01
1309	0.01	0.01	0.00
1310	134.80	136.64	1.84
1311	5.75	5.82	0.08
1312	666.40	674.96	8.56
1313	9.32	9.44	0.12
1314	10.25	10.38	0.13
1315	0.84	0.88	0.04
1316	24.19	26.79	2.60
1317	1,004.00	1,017.41	13.41
1318	27.43	28.60	1.17
1319	9.26	9.44	0.18
1320	77.65	80.96	3.31
1321	31.22	30.02	-1.20
1322	102.10	109.87	7.77
1323	26.56	25.54	-1.02
1324	15.37	14.72	-0.65
1325	0.44	0.46	0.02
1326	803.20	848.07	44.87
1327	23.20	24.52	1.32
1328	692.30	730.94	38.64
1329	692.30	730.94	38.64
1330	28.38	29.96	1.58
1331	803.20	848.07	44.87
1332	28.38	29.57	1.19
1334	692.30	730.94	38.64
1335	692.30	730.94	38.64
<b>Total Functional Units Gained</b>			<b>373.25</b>

#### 4.0 CONCLUSIONS

This assessment evaluated impacts the proposed project would have on wetlands and stream habitat by using the 2006 “Wetland Delineation Report” (DOWL Engineers) and the 2010 functional assessment. To assist with mitigation planning, and more accurately compare the functions and values of individual impacted wetlands to the functions of enhanced wetlands and created streams, the WET (Adamus, 1987b) method was chosen. Impacted stream replacement, stream mitigation, and wetland enhancement were evaluated to show functional units that would be gained, in an effort to offset functional units that would be impacted. Impacted stream replacement would account for 643.46 functional units gained (0.34 acres), stream mitigation would account for 628.14 functional units gained (2.70 acres), and adjacent wetland enhancement would account for 373.25 functional units gained (17.70 acres). Wetland enhancement types consist of shrub swamp, herbaceous swamp, and fresh sedge meadow. Although wetlands and streams within the proposed project area would be impacted by 13,031.30 functional units (31.10 acres), proposed impact stream replacement, stream mitigation, and adjacent wetland enhancement would offset the proposed project impacts by adding 1,644.85 functional units (20.74 acres) to wetland and stream habitat. Therefore, a net 11,386.45 functional units (10.36 acres) would be impacted by the proposed project (Table 7).

**Table 7: Summary of Impacts**

<b>Description</b>	<b>Functional Units</b>	<b>Acres</b>
<b>Impacts</b>		
Wetland/Stream Impacts	13,031.30	31.10
<b>Replacement/Mitigation/Enhancement</b>		
Impacted Stream Replacement	643.46	0.34
Stream Mitigation	628.14	2.70
Adjacent Wetland Enhancement	373.25	17.70
<b>Total Impacts</b>	<b>11,386.45</b>	<b>10.36</b>



## 5.0 REFERENCES

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## 6.0 PREPARERS AND QUALIFICATIONS

<b>Name/Affiliation</b>	<b>Title/Qualifications</b>
Jim Scholl, DOT&PF	Environmental Impact Analyst, 5 years wetlands experience
Janet Schempf, DOT&PF	Environmental Impact Analyst, 39 years wetland experience
Maria Shepherd, DOWL HKM	Senior Biologist, 7 years of wetlands delineation, permitting, and mitigation experience
Kacy Hillman, DOWL HKM	Environmental Specialist, 5 years of wetlands experience
Kristen Hansen, DOWL HKM	Environmental Manager, 12 years of wetlands experience

**APPENDICES A through C**  
**(available on attached CD)**

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**Appendix A: Figures**

- Figure 1 .....Project Location and Vicinity Map
- Figure 2 ..... Wetland Impacts and Proposed Stream Mitigation (Sheets 1 through 34)
- Figure 3 ..... Stream Buffers
- Figure 4 .....Adjacent Wetlands Enhanced (Sheets 1 through 7)

**Appendix B: Functions and Values Assessment Work Sheets**

**Appendix C: Polygon Spreadsheet**

## APPENDIX A

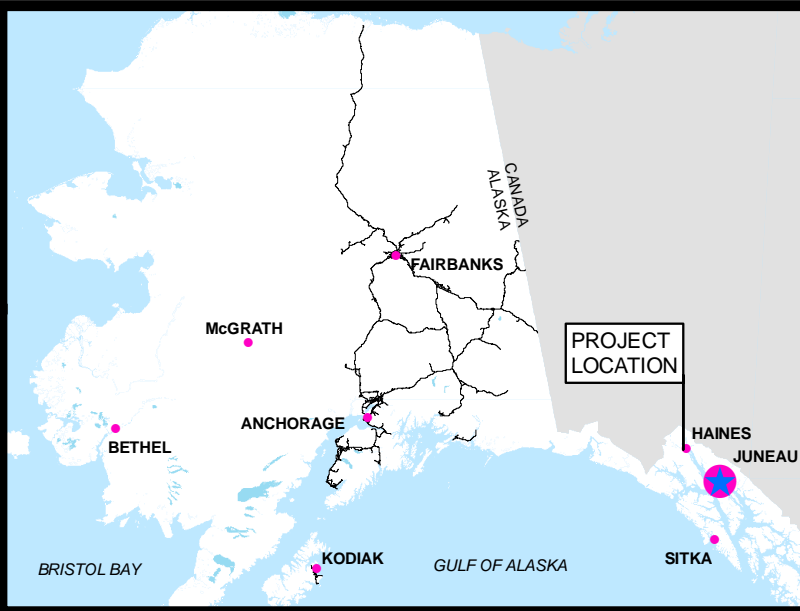
### Figures

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Figure 1 .....	Project Location and Vicinity Map
Figure 2 .....	Wetland Impacts and Proposed Stream Mitigation (Sheets 1 through 34)
Figure 3 .....	Stream Buffers
Figure 4 .....	Adjacent Wetlands Enhanced (Sheets 1 through 7)

**FIGURE 1**

**Project Location and Vicinity Map**



**PROJECT LOCATION  
AND  
VICINITY MAP**

TS 28/29/30 S, R 56/57/58/59 E,  
Copper River Meridian, Alaska



**STATE OF ALASKA**  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

DOT & PF Project No. 68606  
HAINES HIGHWAY  
MILEPOST 3.5 - 25.3

Haines, Alaska

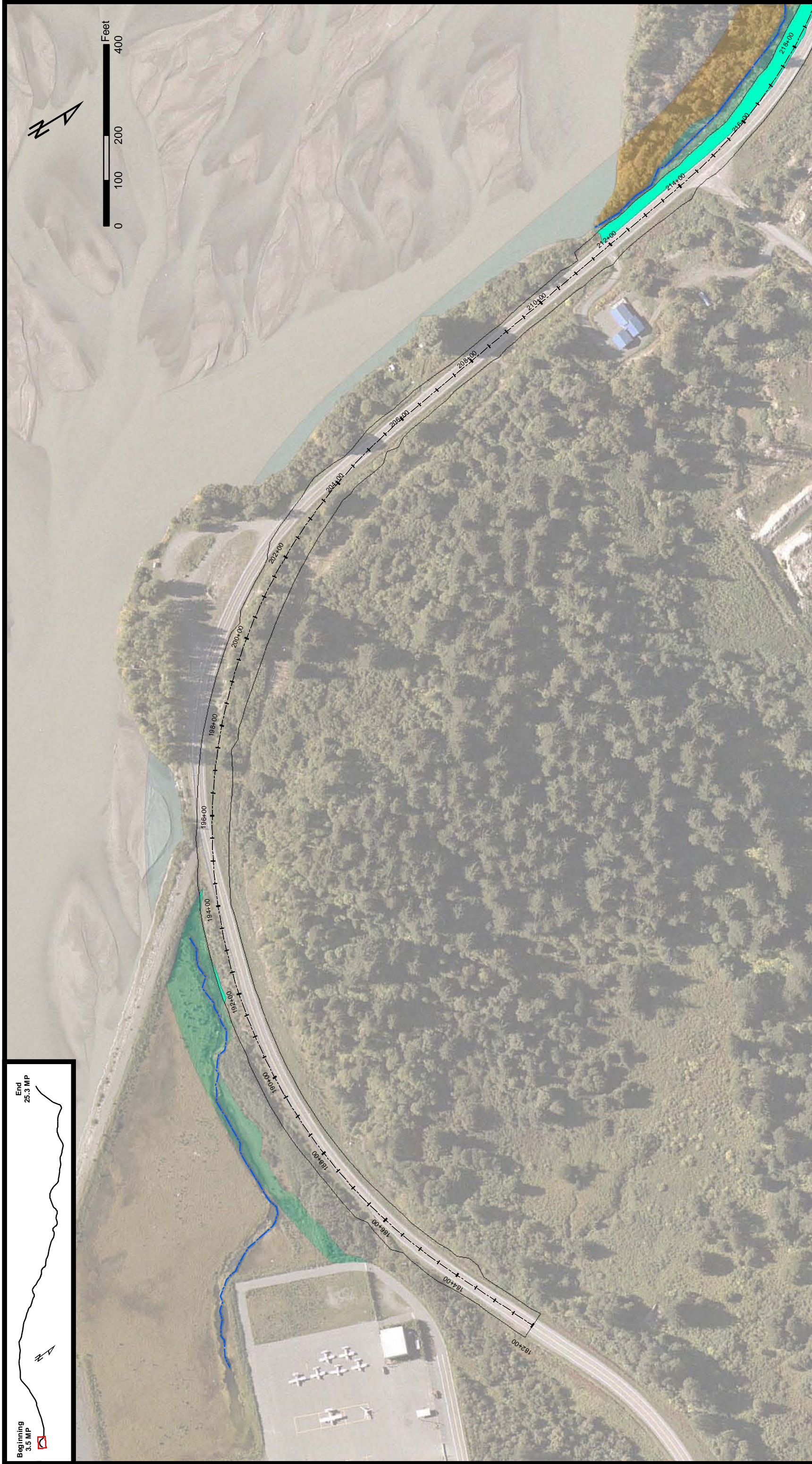
DATE: May 3, 2010

FIGURE 1

**FIGURE 2**

**Wetland Impacts and Proposed Stream Mitigation  
(Sheets 1 through 34)**





K-37

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DOT & PF Project No. 68606  
 HAINES HIGHWAY  
 MILEPOST 3.5 - 25.3  
 Haines, Alaska

DATE: January 31, 2012      FIGURE 2 (01 OF 34)



### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

<p><b>Wetland (NW) Type</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: blue; border: 1px solid black;"></span> Interfluvial Stream</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> PEM1B</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: cyan; border: 1px solid black;"></span> PEM1H</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black;"></span> PFO1C</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; border: 1px solid black;"></span> PSS1B</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: purple; border: 1px solid black;"></span> PSS1E</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black;"></span> PSS1H</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> R30W</li> </ul>	<p><b>Proposed Daylight Limits</b></p> <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p>	<p><b>Stream Mitigation</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black;"></span> Stream Impacts</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; border: 1px solid black;"></span> Proposed New Streams</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px dashed blue;"></span> Existing Streams</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid purple;"></span> Relocated Culverts</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span> Revegetation (Enhanced)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> Protected Vegetation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, red 2px, red 4px); border: 1px solid black;"></span> Cut (Enhanced)</li> </ul>
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Beginning  
3.5 MP

End  
25.3 MP



**Wetland (NWI) Type**

Interfluvial Stream	Blue
PEM1B	Light Green
PEM1H	Yellow
PFO1C	Light Blue
PSS1B	Light Purple
PSS1E	Light Orange
PSS1H	Light Green
R30W	Light Blue

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

**Stream Mitigation**

Stream Impacts	Red
Proposed New Streams	Green
Existing Streams	Blue
Relocated Culverts	Purple

Revegetation (Enhanced)	Green with diagonal lines
Protected Vegetation	Yellow with diagonal lines
Cut (Enhanced)	Red with diagonal lines

**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**

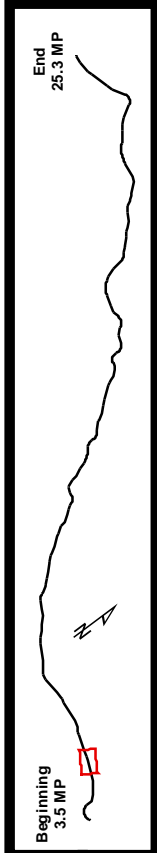
TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska



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 MILEPOST 3.5 - 25.3  
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DATE: February 07, 2012 | FIGURE 2 (02 OF 34)





**Wetland (NW) Type**

Interfluve Stream	Blue
PEM1B	Yellow
PEM1H	Cyan
PFO1C	Red
PSS1B	Green
PSS1E	Purple
PSS1H	Orange
R3OW	Light Blue

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

**Stream Mitigation**

Stream Impacts	Red line
Proposed New Streams	Green line
Existing Streams	Blue line
Relocated Culverts	Purple box

Revegetation (Enhanced)	Green box
Protected Vegetation	Yellow box
Cut (Enhanced)	Red box

**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**

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DATE: January 31, 2012      FIGURE 2 (03 OF 34)





Beginning  
3.5 MP

End  
25.3 MP

0 100 200 400  
Feet

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**HAINES HIGHWAY**  
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 Haines, Alaska

DATE: January 31, 2012      FIGURE 2 (04 OF 34)

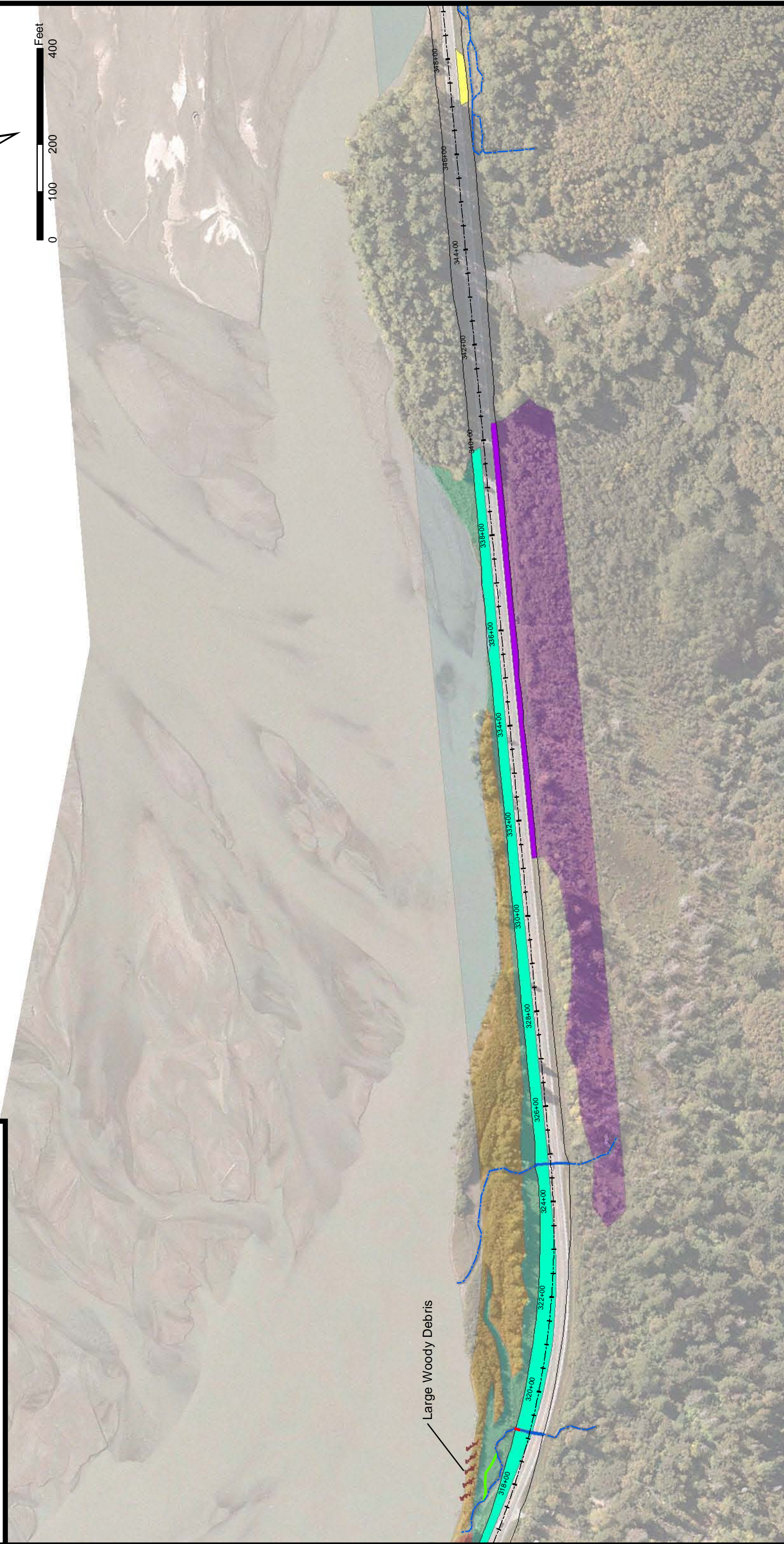
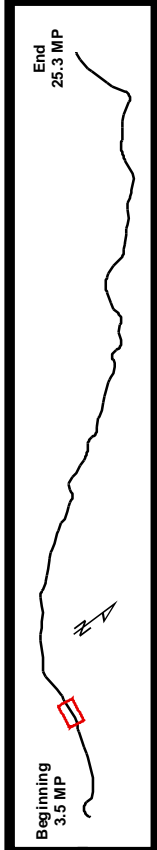


**WETLAND IMPACTS  
AND  
PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R, 56/57/58/59 E,  
Copper River Meridian, Alaska

- |                     |   |                      |                         |
|---------------------|---|----------------------|-------------------------|
| Interfluvial Stream | Proposed Daylight Limits  | Stream Impacts       | Revegetation (Enhanced) |
| PEM1B               | *Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types. | Proposed New Streams | Protected Vegetation    |
| PEM1H               |   | Existing Streams     | Cut (Enhanced)          |
| PFO1C               |   | Relocated Culverts   |                         |
| PSS1B               |   |                      |                         |
| PSS1E               |   |                      |                         |
| PSS1H               |   |                      |                         |
| R30W                |   |                      |                         |





Wetland (NW) Type
Interfluvial Stream
PEM1B
PEM1H
PFO1C
PSS1B
PSS1E
PSS1H
R30W

Proposed Daylight Limits  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

Stream Mitigation
Stream Impacts
Proposed New Streams
Existing Streams
Relocated Culverts

Revegetation (Enhanced)
Protected Vegetation
Cut (Enhanced)

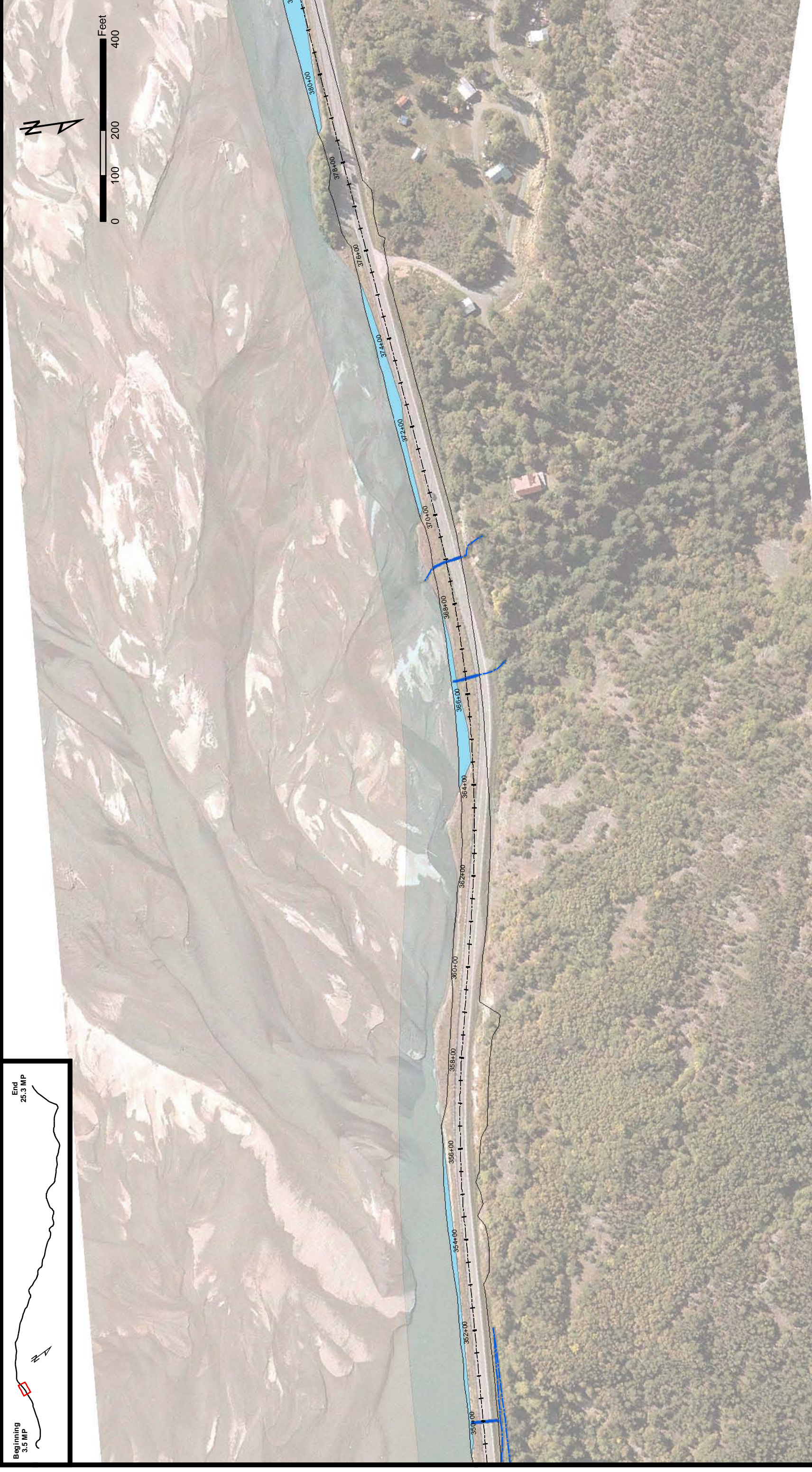
### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska



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Beginning  
3.5 MP

End  
25.3 MP

0 100 200 400  
Feet

**STATE OF ALASKA**  
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AND PUBLIC FACILITIES  
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HAINES HIGHWAY  
MILEPOST 3.5 - 25.3  
Haines, Alaska



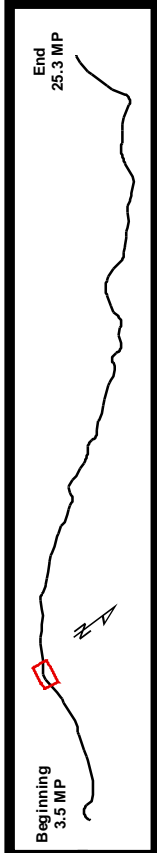
**WETLAND IMPACTS  
AND  
PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska

- |  |                          |
|--|--------------------------|
|  | <b>Wetland (NW) Type</b> |
|  | <b>Stream Mitigation</b> |
|  | <b>Stream Impacts</b>    |
| <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p> |                          |

DATE: January 31, 2012 | FIGURE 2 (06 OF 34)





Wetland (NW) Type
Interfluvial Stream
PEM1B
PEM1H
PFO1C
PSS1B
PSS1E
PSS1H
R30W

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

Stream Mitigation
Stream Impacts
Proposed New Streams
Existing Streams
Relocated Culverts

Revegetation (Enhanced)
Protected Vegetation
Cut (Enhanced)

### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

TS 28/29/30 S, R. 56/57/58/59 E,  
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**WETLAND IMPACTS  
 AND  
 PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

- |   |   |  |   |
|---|---|--|---|
| <p><b>Wetland (NWI) Type</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: blue; border: 1px solid black; margin-right: 5px;"></span> Interfluvial Stream</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> PEM1B</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: cyan; border: 1px solid black; margin-right: 5px;"></span> PEM1H</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black; margin-right: 5px;"></span> PFO1C</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black; margin-right: 5px;"></span> PSS1B</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: purple; border: 1px solid black; margin-right: 5px;"></span> PSS1E</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black; margin-right: 5px;"></span> PSS1H</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> R3OW</li> </ul> | <p><b>Proposed Daylight Limits</b></p> <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p> | <p><b>Stream Mitigation</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black; margin-right: 5px;"></span> Stream Impacts</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black; margin-right: 5px;"></span> Proposed New Streams</li> <li><span style="display: inline-block; width: 15px; height: 15px; border-bottom: 1px dashed blue; margin-right: 5px;"></span> Existing Streams</li> <li><span style="display: inline-block; width: 15px; height: 15px; border: 1px solid purple; margin-right: 5px;"></span> Relocated Culverts</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></span> Revegetation (Enhanced)</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFD700; border: 1px solid black; margin-right: 5px;"></span> Protected Vegetation</li> <li><span style="display: inline-block; width: 15px; height: 15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, red 2px, red 4px); border: 1px solid black; margin-right: 5px;"></span> Cut (Enhanced)</li> </ul> |
|---|---|--|---|

DATE: January 31, 2012      FIGURE 2 (08 OF 34)





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 DOT & PF Project No. 68606  
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 MILEPOST 3.5 - 25.3  
 Haines, Alaska

DATE: January 31, 2012      FIGURE 2 (09 OF 34)

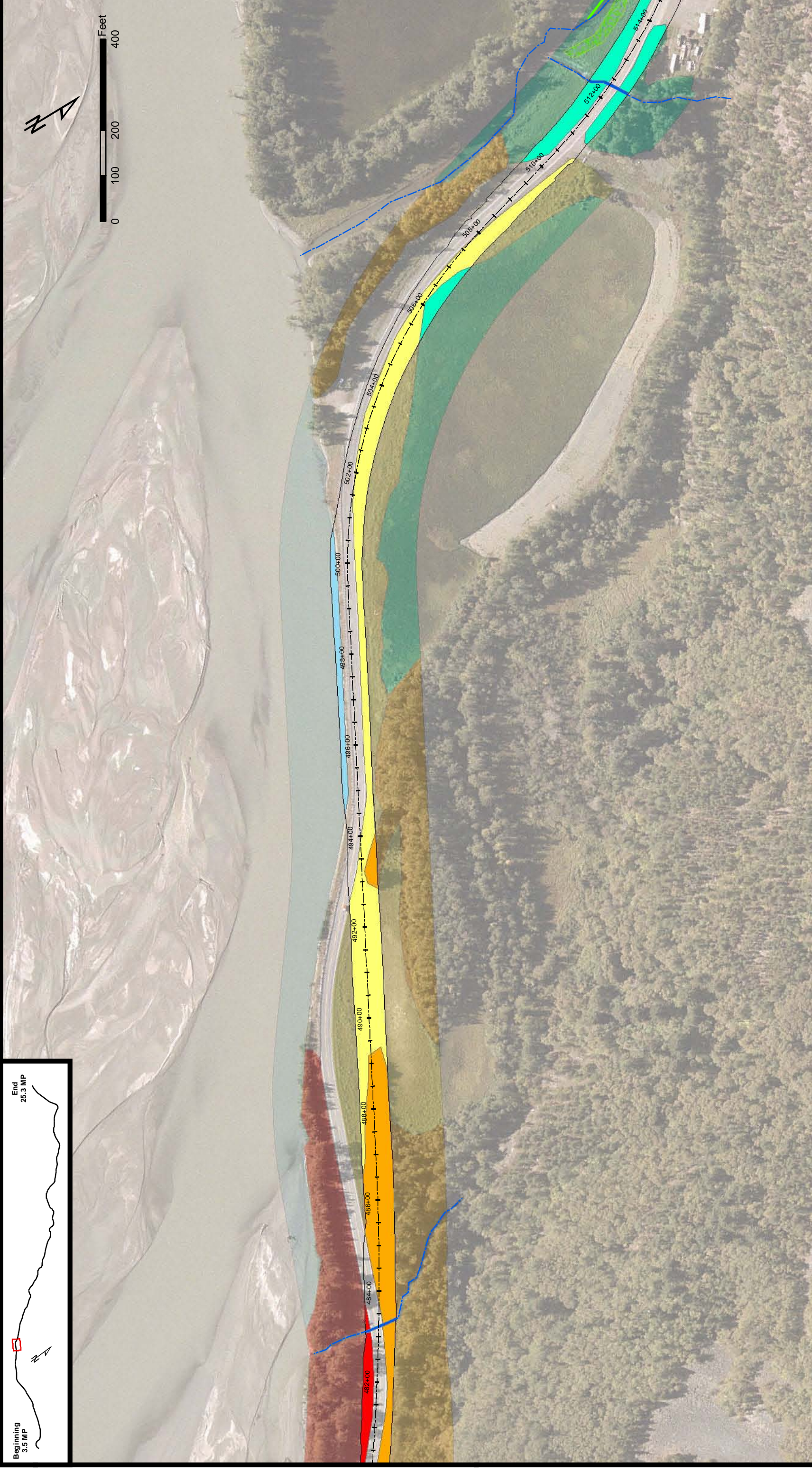


**WETLAND IMPACTS  
 AND  
 PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

- |  |  |
|--|--|
|  | <b>Wetland (NW) Type</b>   |
|  | <b>Proposed Daylight Limits</b><br>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types. |
|  | <b>Stream Mitigation</b><br>Stream Impacts<br>Proposed New Streams<br>Existing Streams<br>Relocated Culverts   |
|  | <b>Vegetation (Enhanced)</b><br>Revegetation (Enhanced)<br>Protected Vegetation<br>Cut (Enhanced)  |





Wetland (NWI) Type
Interfluve Stream
PEM1B
PEM1H
PFO1C
PSS1B
PSS1E
PSS1H
R30W

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

Stream Mitigation
Stream Impacts
Proposed New Streams
Existing Streams
Relocated Culverts

Revegetation (Enhanced)
Protected Vegetation
Cut (Enhanced)

### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

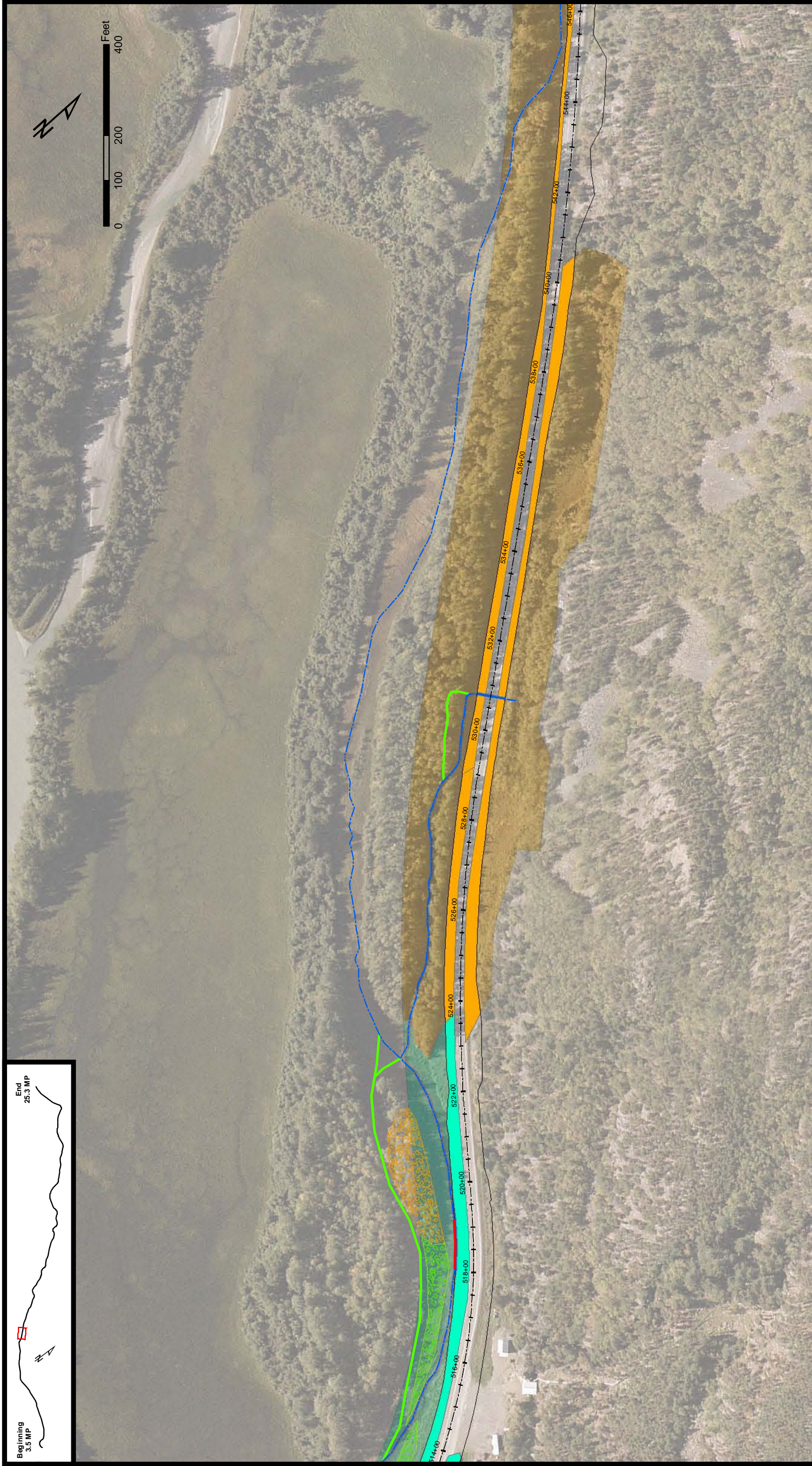
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 Copper River Meridian, Alaska



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DATE: January 31, 2012      FIGURE 2 (10 OF 34)





Beginning  
3.5 MP

End  
25.3 MP

0 100 200 400  
Feet

**STATE OF ALASKA**  
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**HAINES HIGHWAY**  
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DATE: January 31, 2012      FIGURE 2 (11 OF 34)

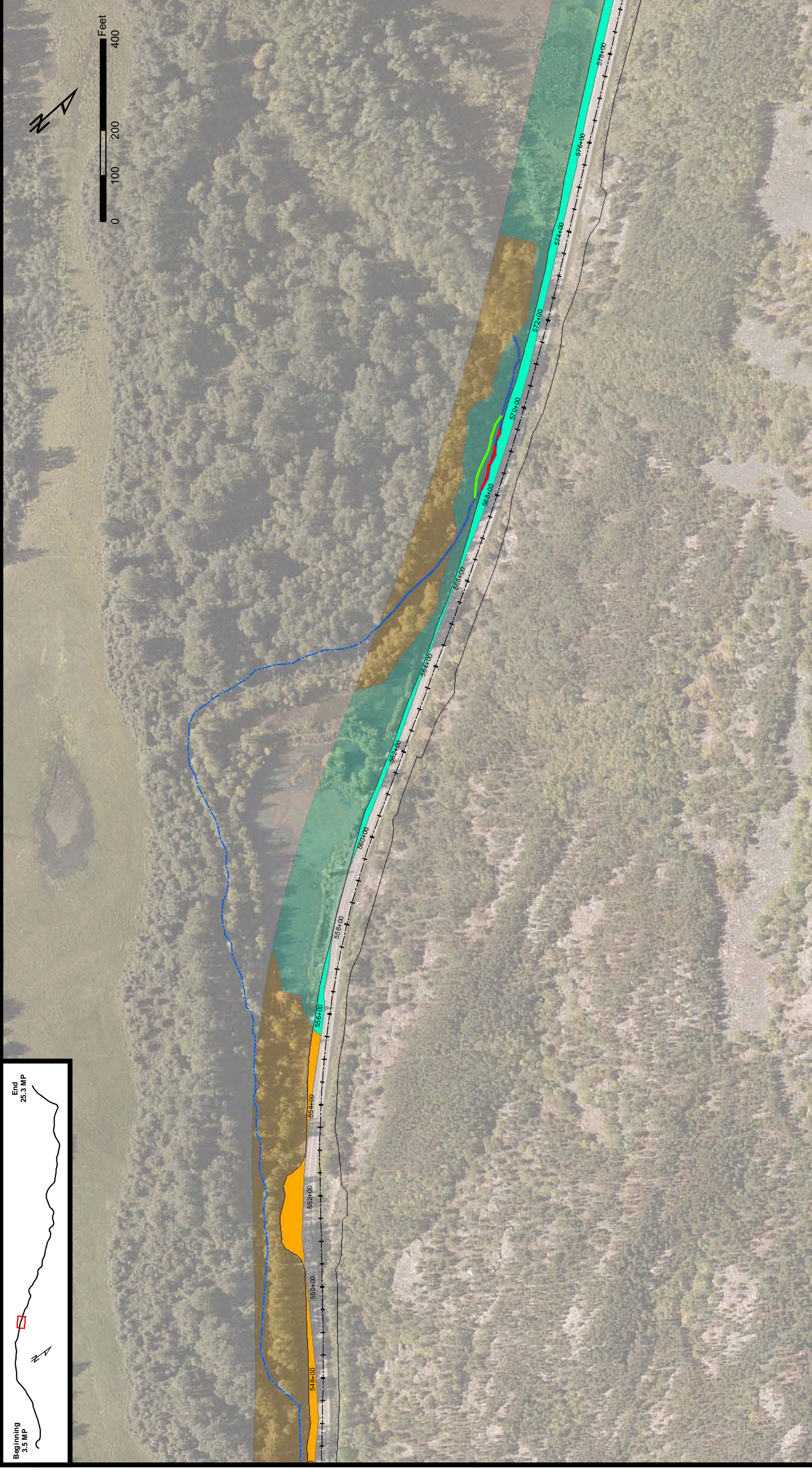


**WETLAND IMPACTS  
AND  
PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska

- |                     |  |                      |                         |
|---------------------|--|----------------------|-------------------------|
| Interfluvial Stream | Proposed Daylight Limits   | Stream Impacts       | Revegetation (Enhanced) |
| PEM1B               | <i>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</i> | Proposed New Streams | Protected Vegetation    |
| PEM1H               |  | Existing Streams     | Cut (Enhanced)          |
| PFO1C               |  | Relocated Culverts   |                         |
| PSS1B               |  |                      |                         |
| PSS1E               |  |                      |                         |
| PSS1H               |  |                      |                         |
| R30W                |  |                      |                         |





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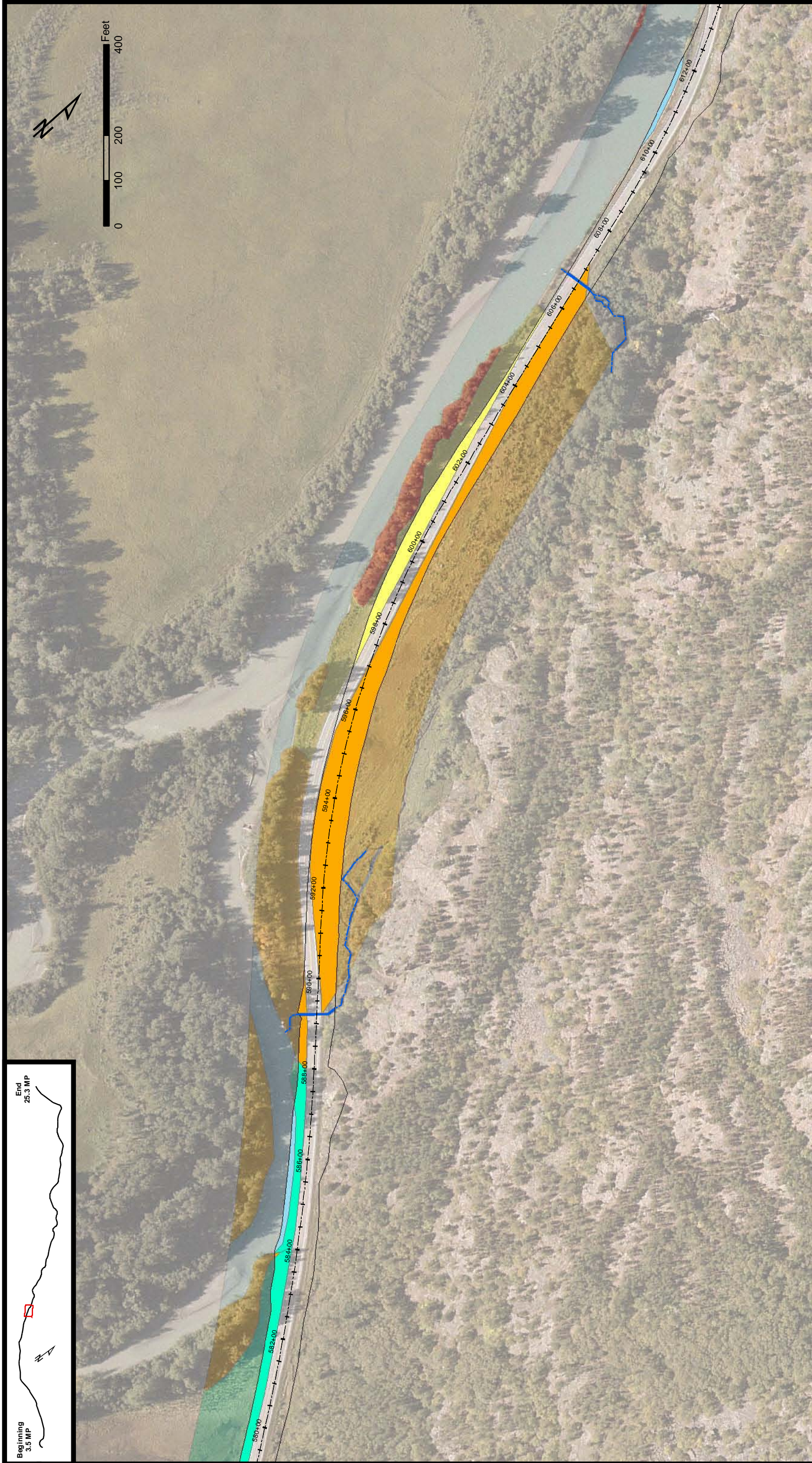
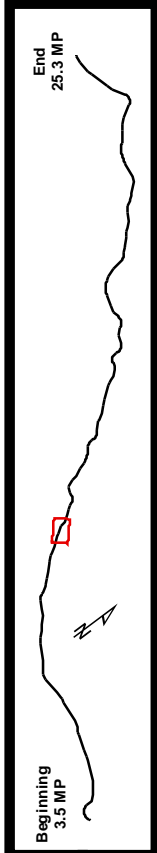


**WETLAND IMPACTS  
 AND  
 PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

<p><b>Wetland (NWI) Type</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: blue; border: 1px solid black;"></span> Interfluvial Stream</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> PEM1B</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: cyan; border: 1px solid black;"></span> PEM1H</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black;"></span> PFO1C</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: purple; border: 1px solid black;"></span> PSS1B</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black;"></span> PSS1E</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> PSS1H</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgrey; border: 1px solid black;"></span> R30W</li> </ul>	<p><b>Proposed Daylight Limits</b></p> <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p>	<p><b>Stream Mitigation</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black;"></span> Stream Impacts</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; border: 1px solid black;"></span> Proposed New Streams</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 1px solid blue;"></span> Existing Streams</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid purple;"></span> Relocated Culverts</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Revegetation (Enhanced)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> Protected Vegetation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black;"></span> Cut (Enhanced)</li> </ul>
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**Wetland (NWI) Type**

Interfluvial Stream	Blue
PEM1B	Light Green
PEM1H	Yellow
PFO1C	Light Blue
PSS1B	Light Purple
PSS1E	Light Green
PSS1H	Light Blue
R30W	Light Blue

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

**Stream Mitigation**

Stream Impacts	Red
Proposed New Streams	Green
Existing Streams	Blue
Relocated Culverts	Purple

Revegetation (Enhanced)	Green
Protected Vegetation	Yellow
Cut (Enhanced)	Red

**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**

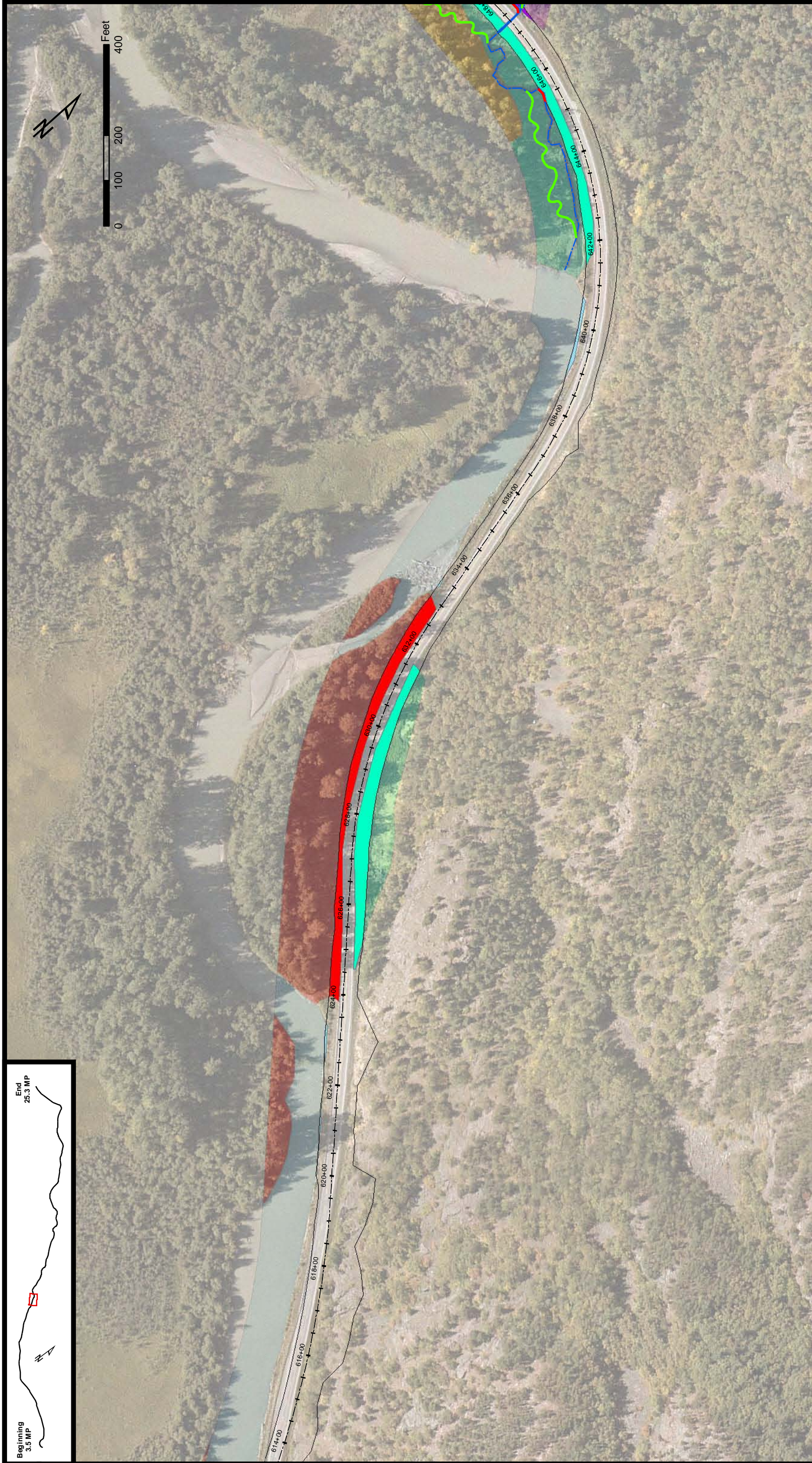
TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska



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 Haines, Alaska



**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska






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 DEPARTMENT OF TRANSPORTATION  
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 DOT & PF Project No. 68606  
 HAINES HIGHWAY  
 MILEPOST 3.5 - 25.3  
 Haines, Alaska

DATE: January 31, 2012



### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

Wetland (NW) Type	Proposed Daylight Limits	Stream Mitigation	Revegetation (Enhanced)
Interfluve Stream	Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.	Stream Impacts	Revegetation (Enhanced)
PEM1B		Proposed New Streams	Protected Vegetation
PEM1H		Existing Streams	Cut (Enhanced)
PFO1C		Relocated Culverts	
PSS1B			
PSS1E			
PSS1H			
R30W			





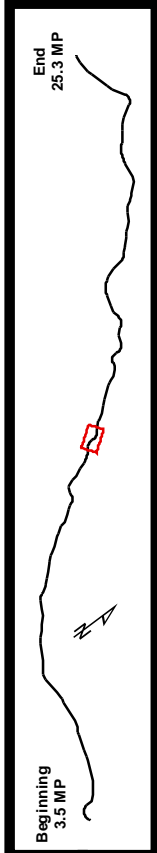
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**DEPARTMENT OF TRANSPORTATION**  
**AND PUBLIC FACILITIES**  
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 HAINES HIGHWAY  
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 Haines, Alaska



**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**  
 TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

- |  |  |
|--|--|
| <b>Wetland (NW) Type</b>   | <b>Stream Mitigation</b>   |
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: blue; border: 1px solid black;"></span> Interfluvial Stream</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: yellow; border: 1px solid black;"></span> PEM1B</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: cyan; border: 1px solid black;"></span> PEM1H</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: red; border: 1px solid black;"></span> PFO1C</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: green; border: 1px solid black;"></span> PSS1B</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: purple; border: 1px solid black;"></span> PSS1E</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: orange; border: 1px solid black;"></span> PSS1H</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> R3OW</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: red; border: 1px solid black;"></span> Stream Impacts</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: green; border: 1px solid black;"></span> Proposed New Streams</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-bottom: 1px dashed blue;"></span> Existing Streams</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid pink;"></span> Relocated Culverts</li> </ul> |
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightgreen; border: 1px solid black;"></span> Revegetation (Enhanced)</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: yellow; border: 1px solid black;"></span> Protected Vegetation</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> Cut (Enhanced)</li> </ul>  | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black;"></span> Proposed Daylight Limits</li> </ul> <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p>   |





**Wetland (NW) Type**

Blue	Interfluvial Stream
Yellow	PEM1B
Cyan	PEM1H
Red	PFO1C
Green	PSS1B
Purple	PSS1E
Orange	PSS1H
Light Blue	R30W

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

**Stream Mitigation**

Red line	Stream Impacts
Green line	Proposed New Streams
Blue line	Existing Streams
Pink rectangle	Relocated Culverts

Green with plant icon	Revegetation (Enhanced)
Yellow with plant icon	Protected Vegetation
Red with diagonal lines	Cut (Enhanced)

### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska



<b>STATE OF ALASKA</b>	
<b>DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</b>	
DOT & PF Project No. 68606	
HAINES HIGHWAY	
MILEPOST 3.5 - 25.3	
Haines, Alaska	
DATE: January 31, 2012	FIGURE 2 (17 OF 34)





**STATE OF ALASKA**  
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**HAINES HIGHWAY**  
 MILEPOST 3.5 - 25.3  
 Haines, Alaska

DATE: January 31, 2012      FIGURE 2 (18 OF 34)

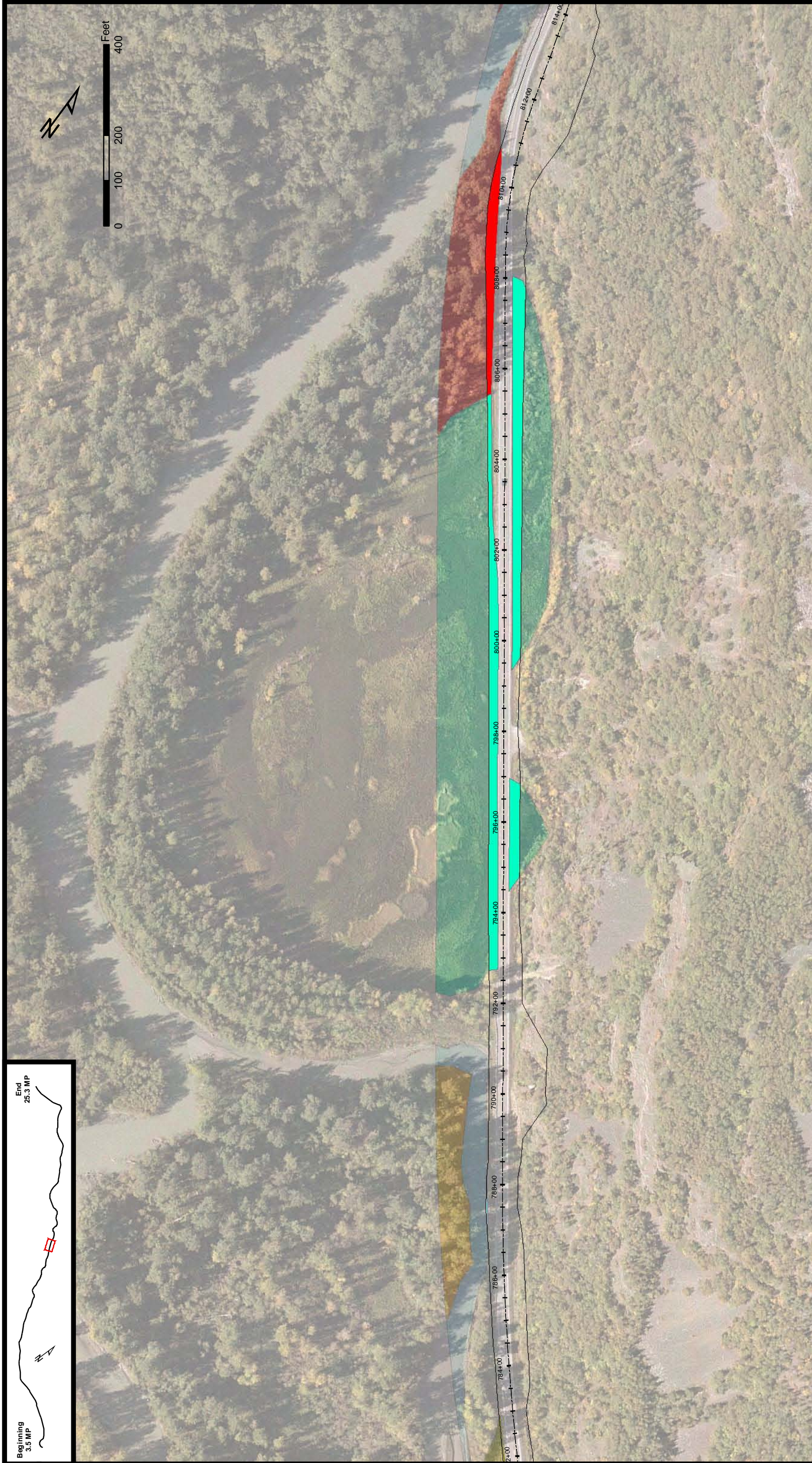


**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

<b>Wetland (NW) Type</b>	<b>Proposed Daylight Limits</b>	<b>Stream Mitigation</b>	<b>Revegetation (Enhanced)</b>
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: blue; border: 1px solid black;"></span> Interfluvial Stream</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: yellow; border: 1px solid black;"></span> PEM1B</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: cyan; border: 1px solid black;"></span> PEM1H</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: red; border: 1px solid black;"></span> PFO1C</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: green; border: 1px solid black;"></span> PSS1B</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: purple; border: 1px solid black;"></span> PSS1E</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: orange; border: 1px solid black;"></span> PSS1H</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; border: 1px solid black;"></span> R3OW</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black;"></span> Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: red; border: 1px solid black;"></span> Stream Impacts</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: green; border: 1px solid black;"></span> Proposed New Streams</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: blue; border: 1px solid black;"></span> Existing Streams</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid pink;"></span> Relocated Culverts</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span> Revegetation (Enhanced)</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #FFD700; border: 1px solid black;"></span> Protected Vegetation</li> <li><span style="display: inline-block; width: 10px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, red 2px, red 4px); border: 1px solid black;"></span> Cut (Enhanced)</li> </ul>





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 Haines, Alaska



**WETLAND IMPACTS**  
**AND**  
**PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

	<b>Wetland (NW) Type</b>
	<b>Proposed Daylight Limits</b>
	<b>Stream Mitigation</b>
	<b>Vegetation (Enhanced)</b>

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FIGURE 2 (19 OF 34)





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 HAINES HIGHWAY  
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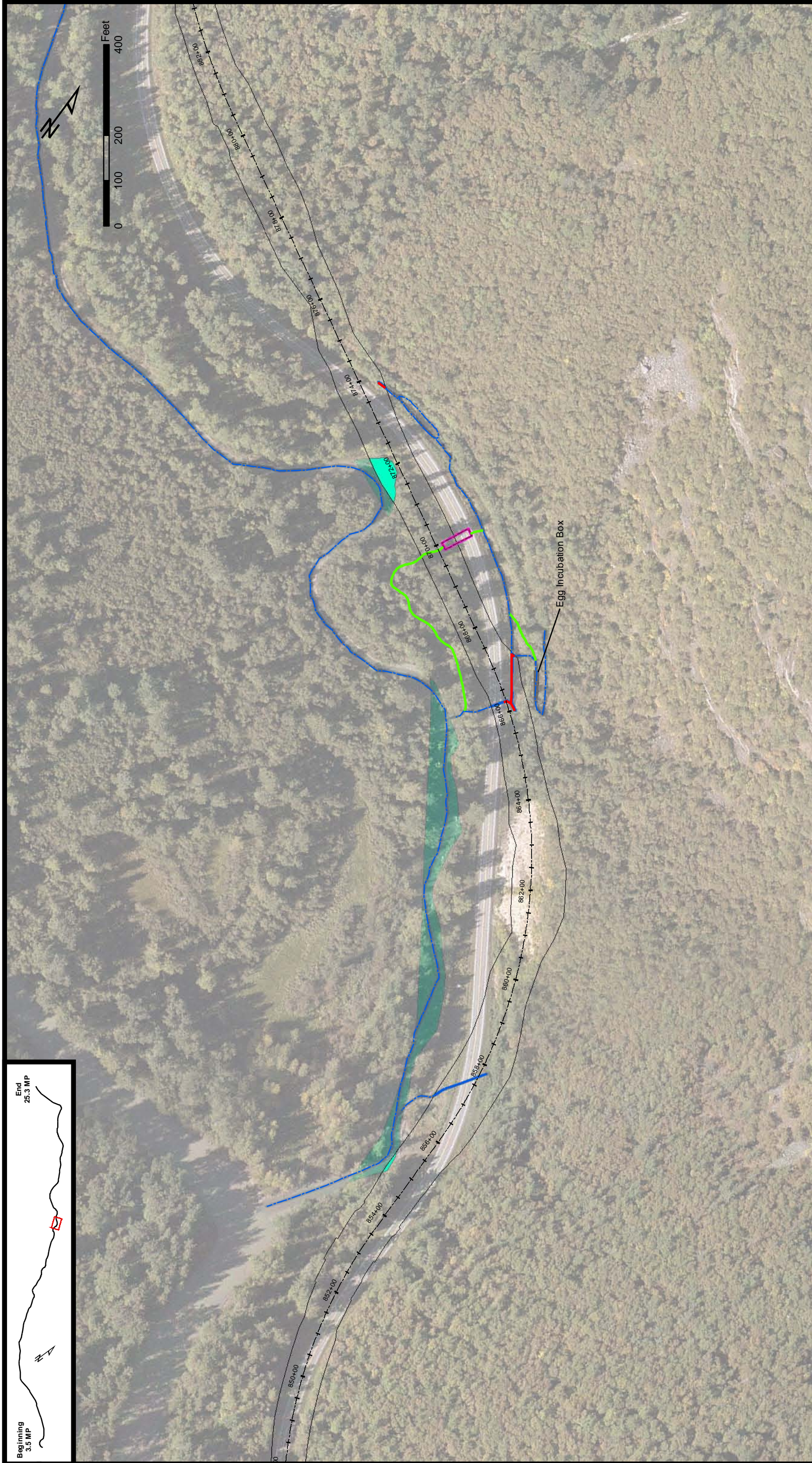
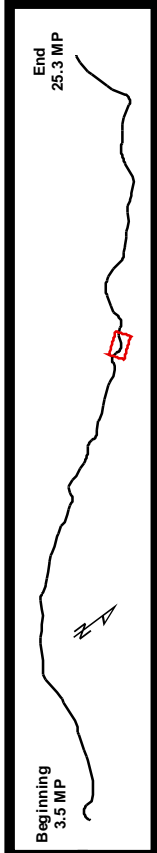


**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

<p>Wetland (NW) Type</p> <p>Interfluvial Stream</p> <p>PEM1B</p> <p>PEM1H</p> <p>PFO1C</p> <p>PSS1B</p> <p>PSS1E</p> <p>PSS1H</p> <p>R3OW</p>	
<p>Stream Mitigation</p> <p>Stream Impacts</p> <p>Proposed New Streams</p> <p>Existing Streams</p> <p>Relocated Culverts</p>	
<p>Proposed Daylight Limits</p> <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p>	
<p>Revegetation (Enhanced)</p> <p>Protected Vegetation</p> <p>Cut (Enhanced)</p>	





Wetland (NWI) Type
Interfluve Stream
PEM1B
PEM1H
PFO1C
PSS1B
PSS1E
PSS1H
R30W

Proposed Daylight Limits  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

Stream Mitigation
Stream Impacts
Proposed New Streams
Existing Streams
Relocated Culverts

Revegetation (Enhanced)
Protected Vegetation
Cut (Enhanced)

### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

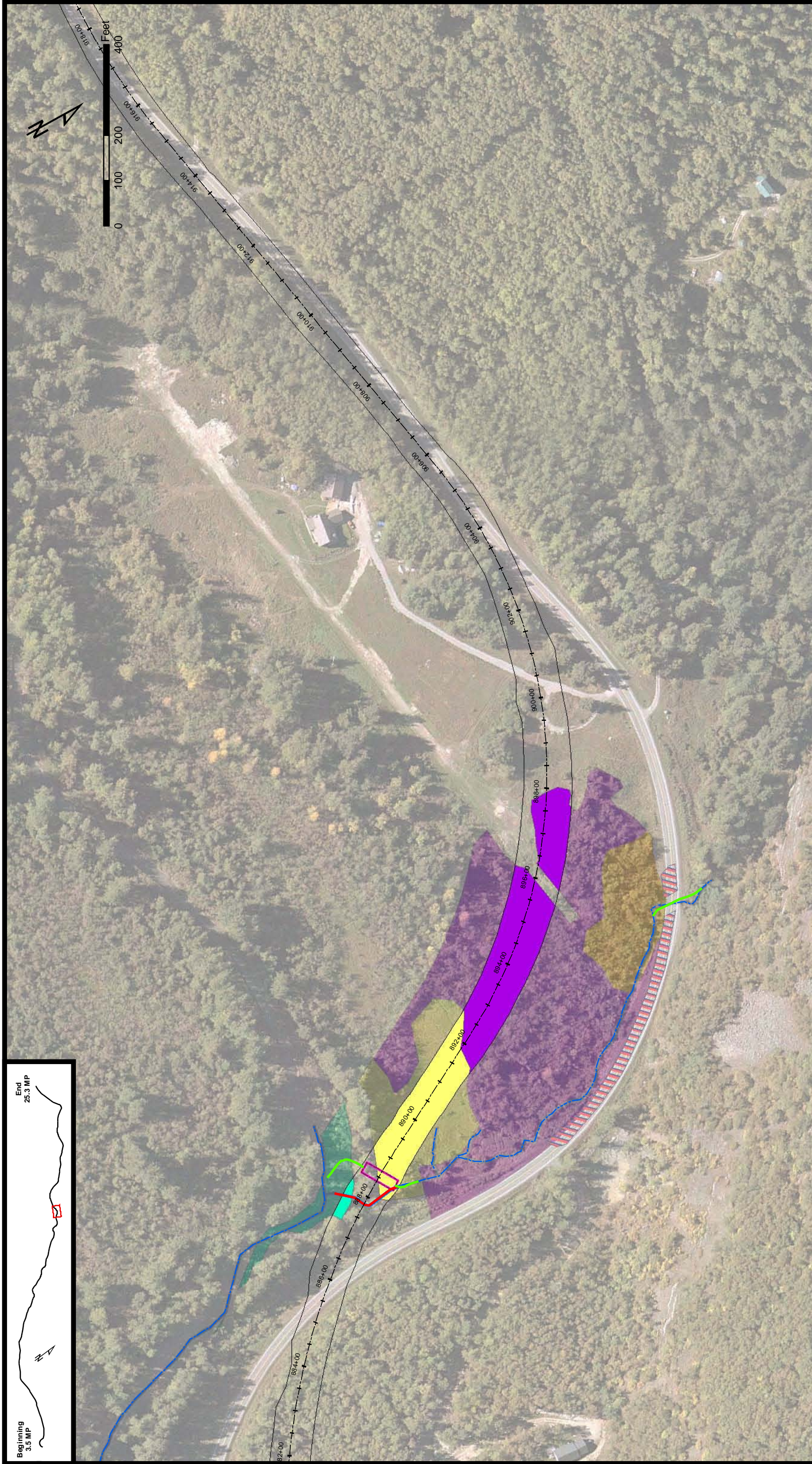
TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska



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 HAINES HIGHWAY  
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**WETLAND IMPACTS  
 AND  
 PROPOSED STREAM MITIGATION**

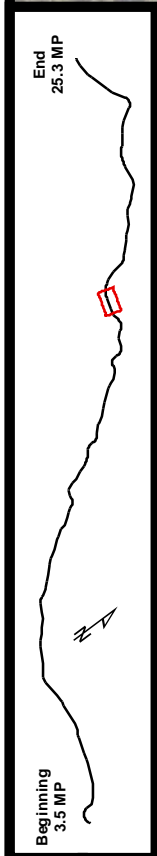
TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

Wetland (NW) Type		Stream Mitigation	
	Interfluvial Stream		Stream Impacts
	PEM1B		Proposed New Streams
	PEM1H		Existing Streams
	PFO1C		Relocated Culverts
	PSS1B		Proposed Daylight Limits
	PSS1E		Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.
	PSS1H		Revegetation (Enhanced)
	R30W		Protected Vegetation
			Cut (Enhanced)

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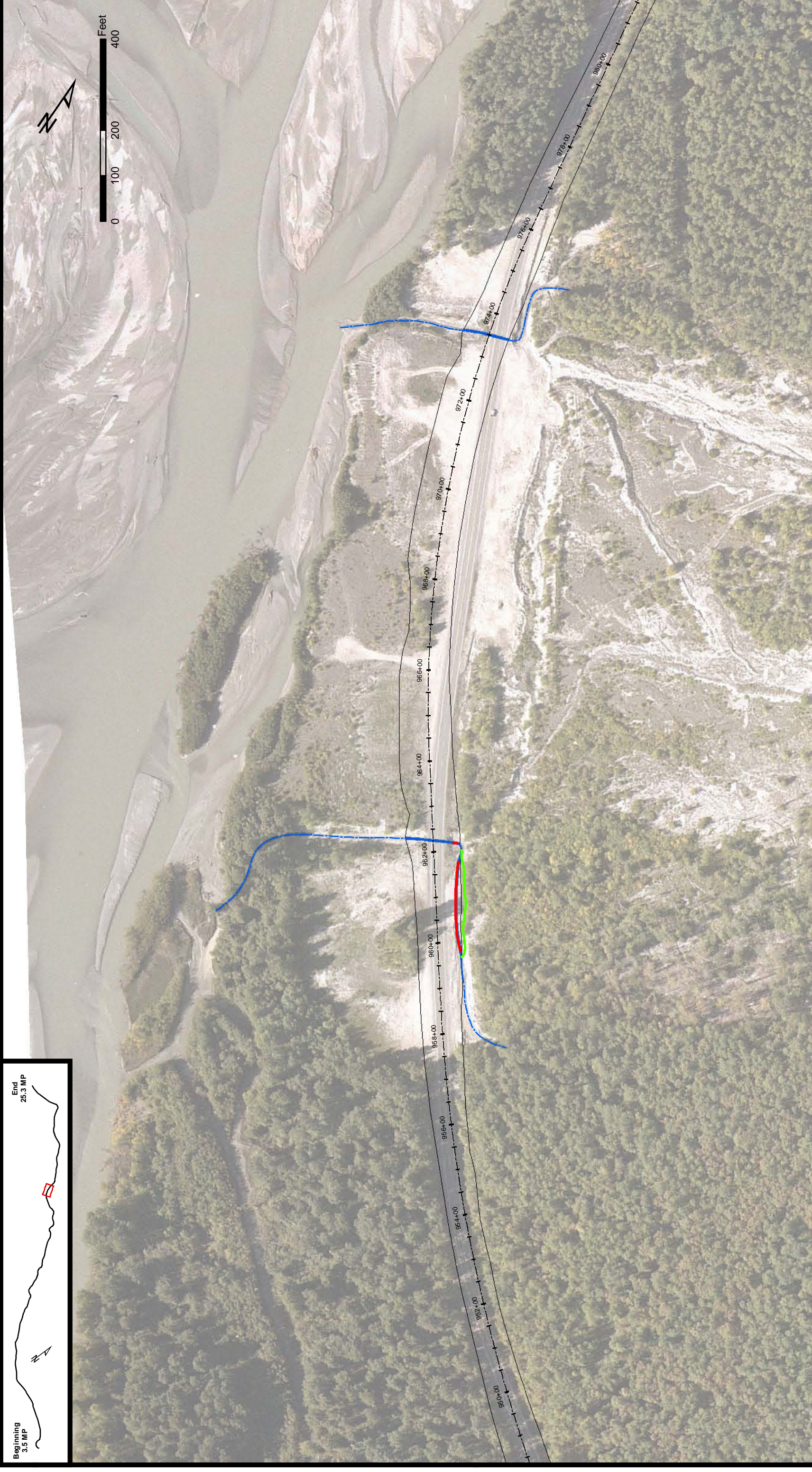
FIGURE 2 (22 OF 34)





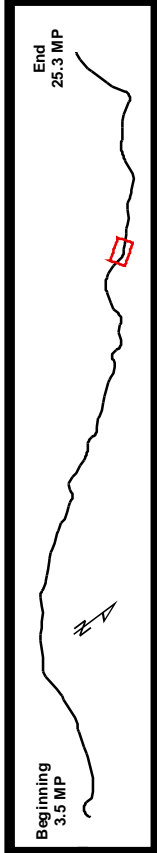
<p><b>STATE OF ALASKA</b>                  DEPARTMENT OF TRANSPORTATION                  AND PUBLIC FACILITIES                  DOT &amp; PF Project No. 68606                  HAINES HIGHWAY                  MILEPOST 3.5 - 25.3                  Haines, Alaska</p>		<p><b>WETLAND IMPACTS                  AND                  PROPOSED STREAM MITIGATION</b></p> <p>TS 28/29/30 S, R. 56/57/58/59 E,                  Copper River Meridian, Alaska</p>	<p><b>Wetland (NWI) Type</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: blue; border: 1px solid black;"></span> Interfluvial Stream</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></span> PEM1B</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: cyan; border: 1px solid black;"></span> PEM1H</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black;"></span> PFO1C</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black;"></span> PSS1B</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: purple; border: 1px solid black;"></span> PSS1E</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black;"></span> PSS1H</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: lightblue; border: 1px solid black;"></span> R3OW</li> </ul> <p><b>Proposed Daylight Limits</b></p> <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p> <p><b>Stream Mitigation</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black;"></span> Stream Impacts</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black;"></span> Proposed New Streams</li> <li><span style="display: inline-block; width: 15px; height: 15px; border-bottom: 1px dashed blue;"></span> Existing Streams</li> <li><span style="display: inline-block; width: 15px; height: 15px; border: 1px solid purple;"></span> Relocated Culverts</li> </ul> <p><b>Revegetation (Enhanced)</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: lightgreen; border: 1px solid black;"></span> Protected Vegetation</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></span> Cut (Enhanced)</li> </ul>	<p>DATE: January 31, 2012</p>	<p>FIGURE 2 (23 OF 34)</p>
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<b>Wetland (NW) Type</b> Interfluvial Stream PEM1B PEM1H PFO1C PSS1B PSS1E PSS1H R30W	<b>Stream Mitigation</b> Stream Impacts Proposed New Streams Existing Streams Relocated Culverts	<b>Proposed Daylight Limits</b> *Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.		<b>WETLAND IMPACTS AND PROPOSED STREAM MITIGATION</b>  TS 28/29/30 S, R. 56/57/58/59 E, Copper River Meridian, Alaska		<b>STATE OF ALASKA</b> <b>DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</b> DOT & PF Project No. 68606 <b>HAINES HIGHWAY</b> MILEPOST 3.5 - 25.3 Haines, Alaska
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 Haines, Alaska



**WETLAND IMPACTS AND PROPOSED STREAM MITIGATION**  
 TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

- |                     |                          |                         |
|---------------------|--------------------------|-------------------------|
| Interfluvial Stream | Proposed Daylight Limits | Revegetation (Enhanced) |
| PEM1B               | Stream Impacts           | Protected Vegetation    |
| PEM1H               | Proposed New Streams     | Cut (Enhanced)          |
| PFO1C               | Existing Streams         |                         |
| PSS1B               | Relocated Culverts       |                         |
| PSS1E               |                          |                         |
| PSS1H               |                          |                         |
| R30W                |                          |                         |
- \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.





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**WETLAND IMPACTS  
 AND  
 PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

- |                     |  |                      |                         |
|---------------------|--|----------------------|-------------------------|
| Interfluvial Stream | Proposed Daylight Limits   | Stream Impacts       | Revegetation (Enhanced) |
| PEM1B               | <i>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</i> | Proposed New Streams | Protected Vegetation    |
| PEM1H               |  | Existing Streams     | Cut (Enhanced)          |
| PFO1C               |  | Relocated Culverts   |                         |
| PSS1B               |  |                      |                         |
| PSS1E               |  |                      |                         |
| PSS1H               |  |                      |                         |
| R30W                |  |                      |                         |

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Wetland (NWI) Type
Interfluvial Stream
PEM1B
PEM1H
PFO1C
PSS1B
PSS1E
PSS1H
R30W

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

Stream Mitigation
Stream Impacts
Proposed New Streams
Existing Streams
Relocated Culverts

Revegetation (Enhanced)
Protected Vegetation
Cut (Enhanced)

### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

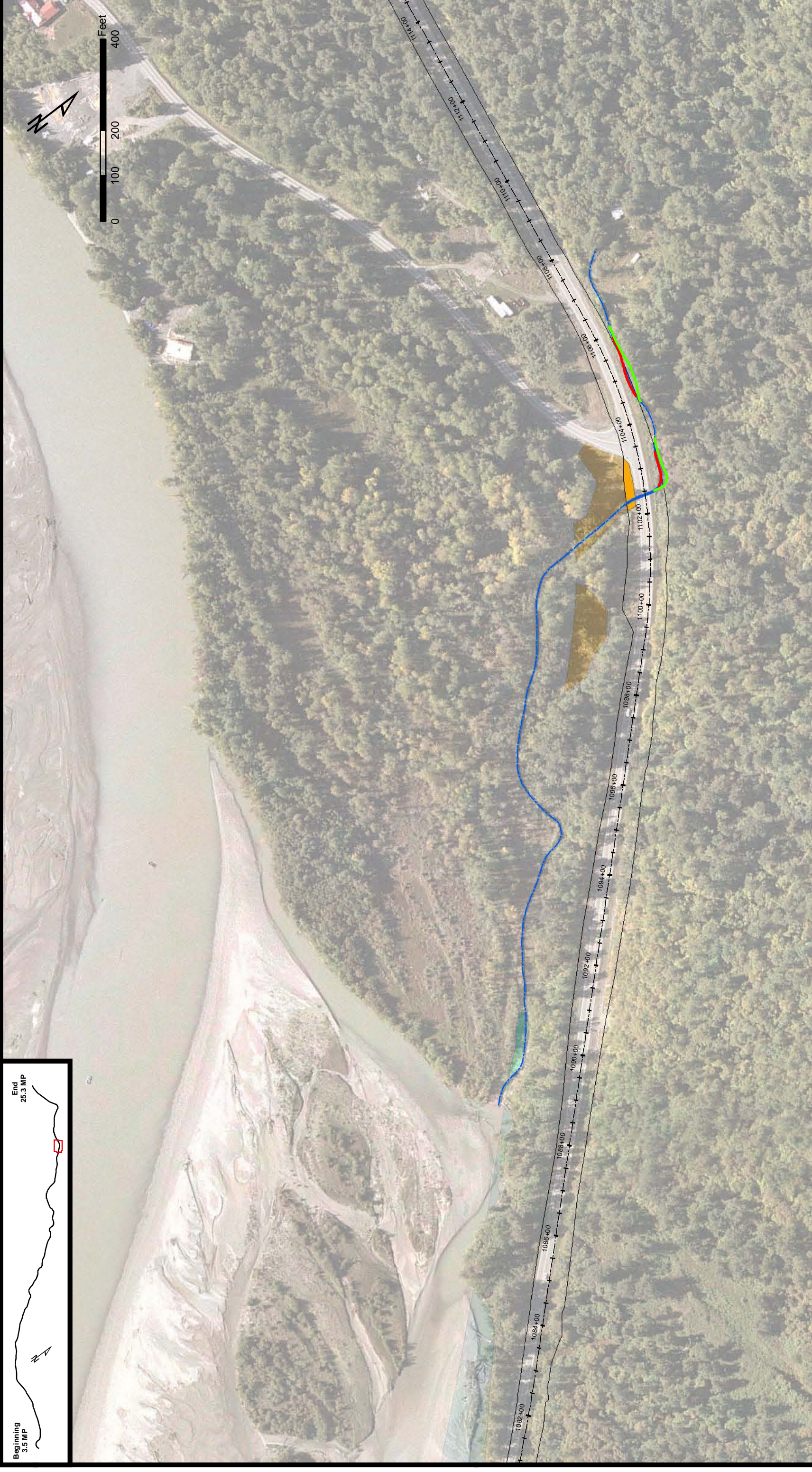
TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska



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**WETLAND IMPACTS  
 AND  
 PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

- |  |  |
|--|--|
|  | <b>Wetland (NW) Type</b>   |
|  | <b>Proposed Daylight Limits</b><br>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types. |
|  | <b>Stream Mitigation</b>   |
|  | <b>Revegetation (Enhanced)</b><br>Protected Vegetation<br>Cut (Enhanced)   |





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### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

- |   |   |  |  |
|---|---|--|--|
| <ul style="list-style-type: none"> <li> Wetland (NW) Type</li> <li> Interfluvial Stream</li> <li> PEM1B</li> <li> PEM1H</li> <li> PFO1C</li> <li> PSS1B</li> <li> PSS1E</li> <li> PSS1H</li> <li> R30W</li> </ul> | <ul style="list-style-type: none"> <li> Proposed Daylight Limits</li> <li><i>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</i></li> </ul> | <ul style="list-style-type: none"> <li> Stream Impacts</li> <li> Proposed New Streams</li> <li> Existing Streams</li> <li> Relocated Culverts</li> </ul> | <ul style="list-style-type: none"> <li> Revegetation (Enhanced)</li> <li> Protected Vegetation</li> <li> Cut (Enhanced)</li> </ul> |
|---|---|--|--|





Wetland (NW) Type
Interfluvial Stream
PEM1B
PEM1H
PFO1C
PSS1B
PSS1E
PSS1H
R30W

**Proposed Daylight Limits**  
 \*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

Stream Mitigation
Stream Impacts
Proposed New Streams
Existing Streams
Relocated Culverts

Revegetation (Enhanced)
Protected Vegetation
Cut (Enhanced)

### WETLAND IMPACTS AND PROPOSED STREAM MITIGATION

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska



**STATE OF ALASKA**  
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**WETLAND IMPACTS  
 AND  
 PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
 Copper River Meridian, Alaska

Wetland (NWI) Type	Proposed Daylight Limits	Stream Impacts	Revegetation (Enhanced)
PEM1B	<i>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</i>	Proposed New Streams	Protected Vegetation
PEM1H		Existing Streams	Cut (Enhanced)
PFO1C		Relocated Culverts	
PSS1B			
PSS1E			
PSS1H			
R3OW			





Beginning  
3.5 MP

End  
25.3 MP

0 100 200 400  
Feet

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 DOT & PF Project No. 68606  
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DATE: January 31, 2012      FIGURE 2 (32 OF 34)



**WETLAND IMPACTS  
AND  
PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska


- |                     |  |                      |                         |
|---------------------|--|----------------------|-------------------------|
| Wetland (NW) Type   | Proposed Daylight Limits   | Stream Impacts       | Revegetation (Enhanced) |
| Interfluvial Stream | <i>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</i> | Proposed New Streams | Protected Vegetation    |
| PEM1B               |  | Existing Streams     | Cut (Enhanced)          |
| PEM1H               |  | Relocated Culverts   |                         |
| PFO1C               |  |                      |                         |
| PSS1B               |  |                      |                         |
| PSS1E               |  |                      |                         |
| PSS1H               |  |                      |                         |
| R3OW                |  |                      |                         |





K-69



	
<p><b>STATE OF ALASKA</b>  <b>DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES</b>          DOT &amp; PF Project No. 68606  <b>HAINES HIGHWAY</b>          MILEPOST 3.5 - 25.3          Haines, Alaska</p>	
<p><b>WETLAND IMPACTS AND PROPOSED STREAM MITIGATION</b></p> <p>TS 28/29/30 S, R. 56/57/58/59 E,          Copper River Meridian, Alaska</p>	
<p>DATE: January 31, 2012      FIGURE 2 (33 OF 34)</p>	

Proposed Daylight Limits	
	Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.

Wetland (NWI) Type	
	Interfluvial Stream
	PEM1B
	PEM1H
	PFO1C
	PSS1B
	PSS1E
	PSS1H
	R30W

Stream Mitigation	
	Stream Impacts
	Proposed New Streams
	Existing Streams
	Relocated Culverts

	Revegetation (Enhanced)
	Protected Vegetation
	Cut (Enhanced)





Beginning  
3.5 MP

End  
25.3 MP

Feet  
0 100 200 400

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**HAINES HIGHWAY**  
 MILEPOST 3.5 - 25.3  
 Haines, Alaska

DATE: January 31, 2012      FIGURE 2 (34 OF 34)



**WETLAND IMPACTS  
AND  
PROPOSED STREAM MITIGATION**

TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska

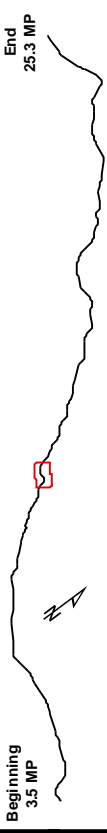
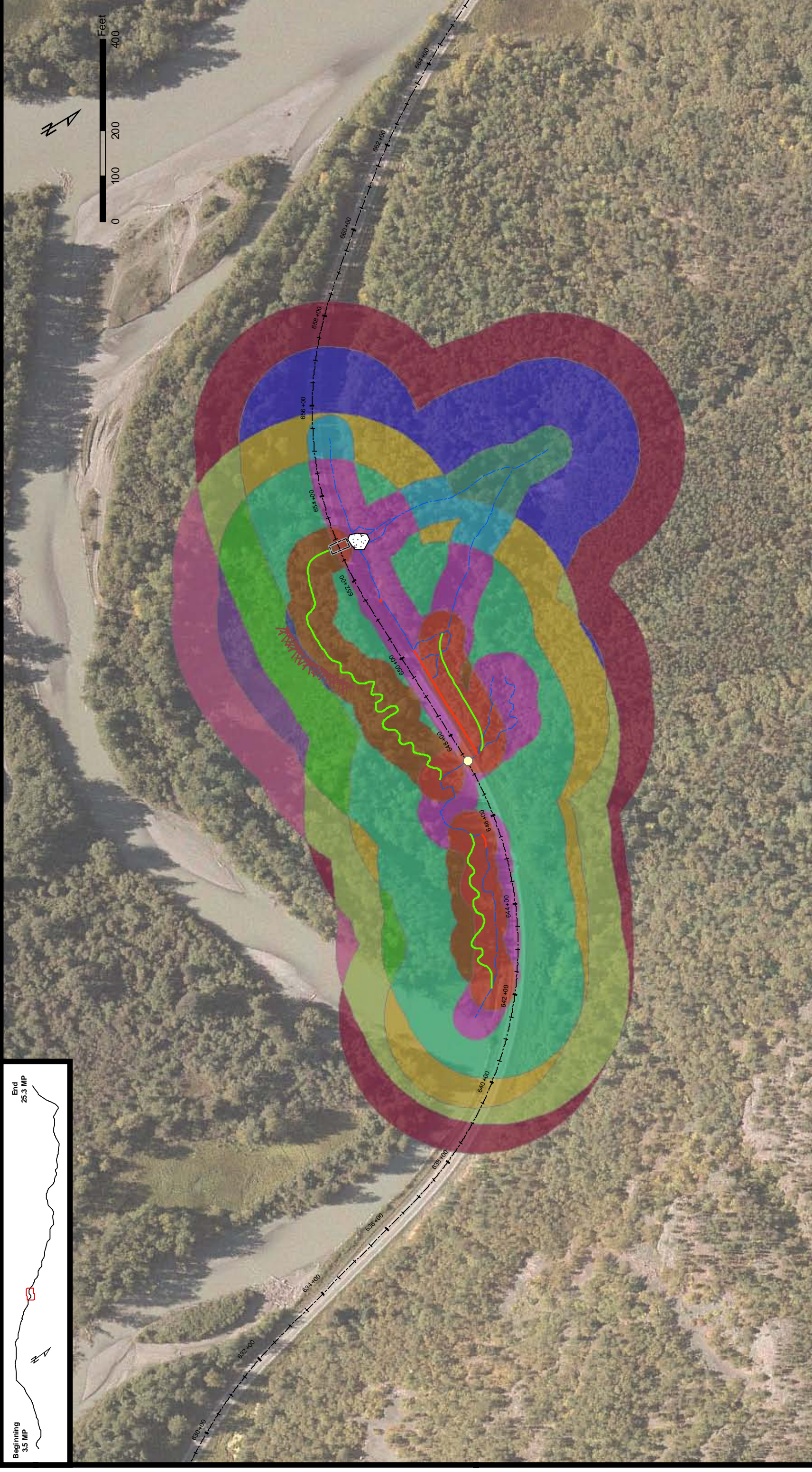
<p><b>Wetland (NW) Type</b></p> <ul style="list-style-type: none"> <li> Interfluvial Stream</li> <li> PEM1B</li> <li> PEM1H</li> <li> PFO1C</li> <li> PSS1B</li> <li> PSS1E</li> <li> PSS1H</li> <li> R30W</li> </ul>	<p><b>Stream Mitigation</b></p> <ul style="list-style-type: none"> <li> Stream Impacts</li> <li> Proposed New Streams</li> <li> Existing Streams</li> <li> Relocated Culverts</li> </ul>
<p> Proposed Daylight Limits</p> <p>*Darker wetland colors show impacted wetlands. Lighter wetland colors show the extent of wetlands mapped within the 2006 study area. Reference EA acronym list for NWI types.</p>	<ul style="list-style-type: none"> <li> Revegetation (Enhanced)</li> <li> Protected Vegetation</li> <li> Cut (Enhanced)</li> </ul>




**FIGURE 3**

**Stream Buffers**





	
<b>STATE OF ALASKA</b> <b>DEPARTMENT OF TRANSPORTATION</b> <b>AND PUBLIC FACILITIES</b>	
DOT & PF Project No. 68606 <b>HAINES HIGHWAY</b> MILEPOST 3.5 - 25.3 Haines, Alaska	
DATE: Jun 03, 2010	FIGURE 3

<b>Stream Buffers</b> TS 28/29/30 S, R. 56/57/58/59 E, Copper River Meridian, Alaska	
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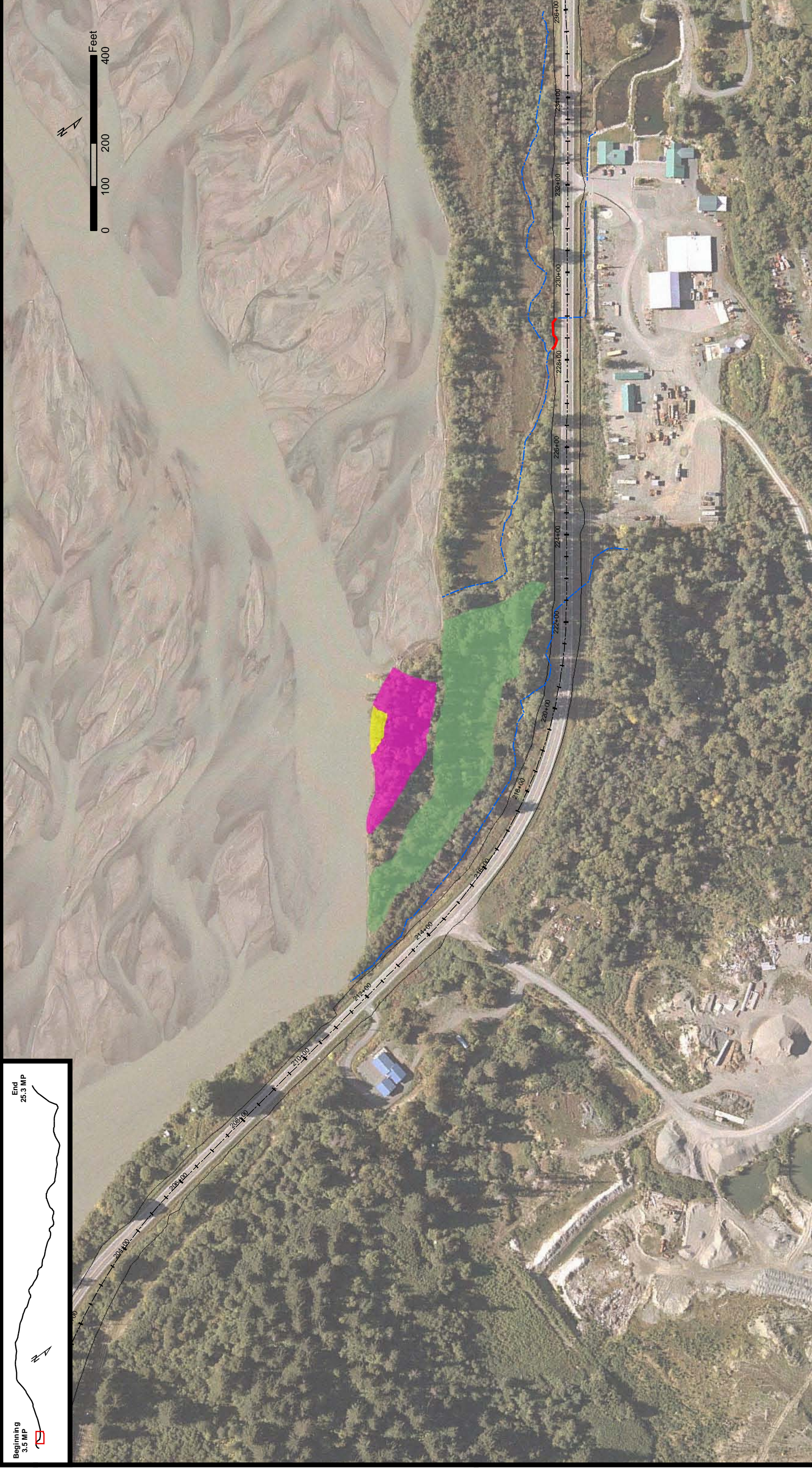
<b>Wetlands Enhanced by New Streams</b> Change in Distance to a Stream From 300' to 200' From 300' to 300' From 300' to 50' From 300' to more than 300' From 200' to 50' From 200' to more than 300'	<b>Stream Mitigation</b> Enhanced Proposed Milt gated Proposed Existing Streams Backwater Enhanced Cut Enhanced Fill Enhanced	Grade Control Protected Vegetation Revegetation Enhanced Ponds Proposed Culverts Roadways
---	---	--



**FIGURE 4**

**Adjacent Wetlands Enhanced  
(Sheets 1 through 7)**





Beginning  
3.5 MP

End  
25.3 MP

0 100 200 400  
Feet

**Wetlands Enhanced by New Streams**

**Change in Distance to a Stream**

- From more than 300' to 200'
- From more than 300' to 300'
- From 200' to 50'
- From 300' to 50'
- From 300' to 200'

**Stream Mitigation**

- Stream Impacts
- Proposed New Streams
- Existing Streams
- Cut (Enhanced)
- Grade Control

- Protected Vegetation
- Revegetation (Enhanced)
- Egg Incubation Box
- Proposed Culverts
- Rootwads

**ADJACENT WETLANDS ENHANCED**

TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska



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HAINES HIGHWAY  
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Haines, Alaska

DATE: February 07, 2012

FIGURE 4 1 OF 7





Beginning  
3.5 MP

End  
25.3 MP

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HAINES HIGHWAY  
MILEPOST 3.5 - 25.3  
Haines, Alaska

DATE: Jun 07, 2010

FIGURE 4 2 OF 7



**ADJACENT WETLANDS  
ENHANCED**

TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska

- |                                  |                    |                       |
|----------------------------------|--------------------|-----------------------|
| Wetlands Enhanced by New Streams | Stream Mitigation  | Grade Control         |
| Change in Distance to a Stream   | Enhanced Proposed  | Protected Vegetation  |
| From more than 300' to 200'      | Mitigated Proposed | Revegetation Enhanced |
| From more than 300' to 300'      | Existing Streams   | Ponds                 |
| From 200' to 50'                 | Existing Culverts  | Proposed Culverts     |
| From 300' to 50'                 | Backwater Enhanced | Rootwads              |
| From 300' to 200'                | Cut Enhanced       |                       |
|                                  | Fill Enhanced      |                       |





Beginning  
3.5 MP

End  
25.3 MP

Feet  
0 100 200 400

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DOT & PF Project No. 68606  
HAINES HIGHWAY  
MILEPOST 3.5 - 25.3  
Haines, Alaska

DATE: Jun 07, 2010

FIGURE 4 3 OF 7

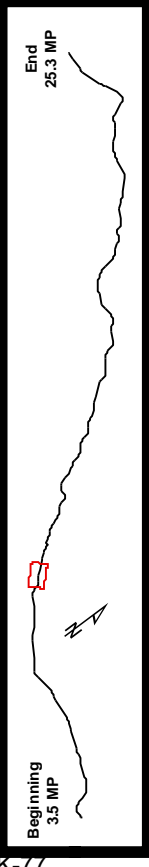
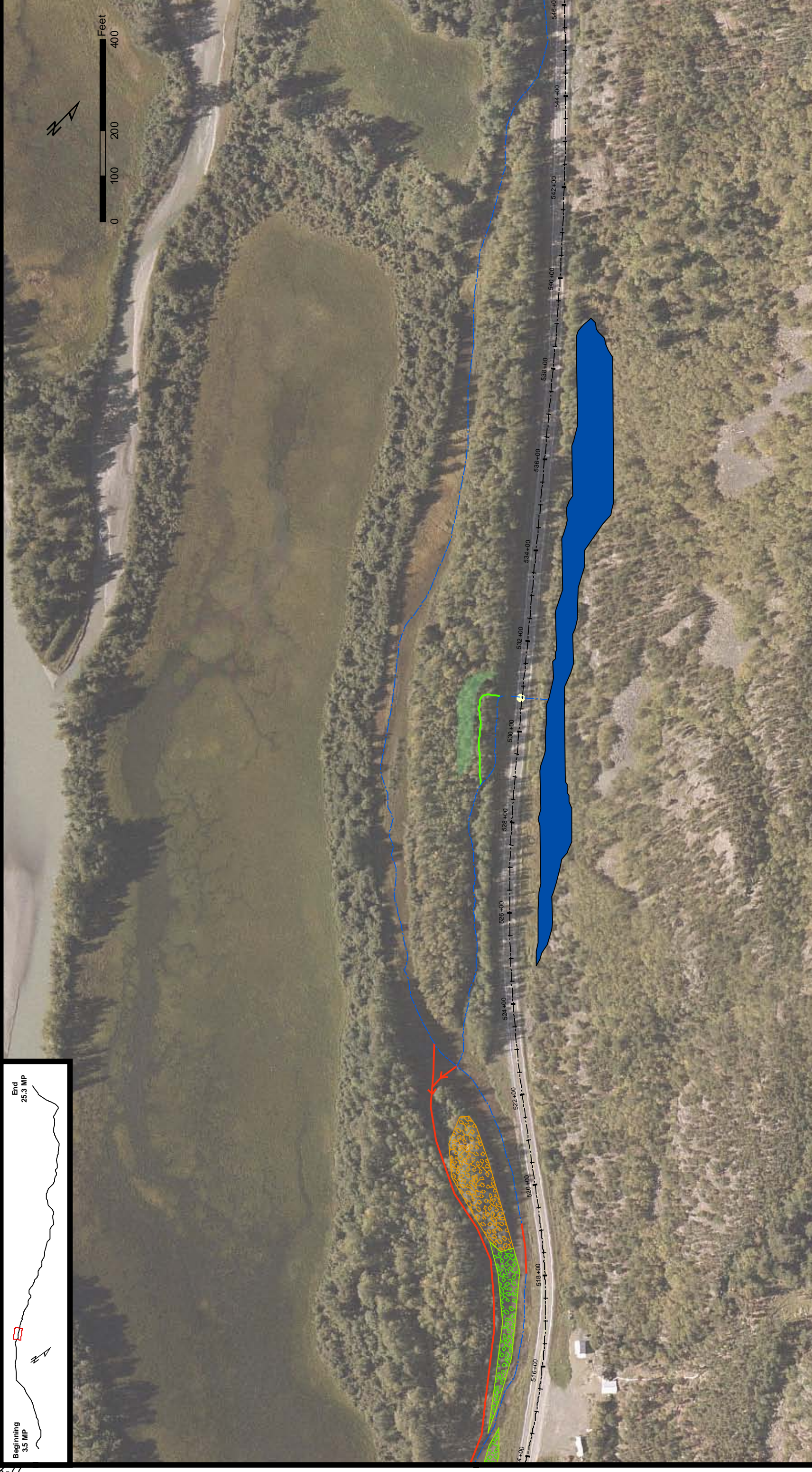


### ADJACENT WETLANDS ENHANCED

TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska

<p><b>Wetlands Enhanced by New Streams</b></p> <p><b>Change in Distance to a Stream</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> From more than 300' to 200'</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> From more than 300' to 300'</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> From 200' to 50'</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightyellow; border: 1px solid black; margin-right: 5px;"></span> From 300' to 50'</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: pink; border: 1px solid black; margin-right: 5px;"></span> From 300' to 200'</li> </ul>	<p><b>Stream Mitigation</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> Enhanced Proposed</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> Mitigated Proposed</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightyellow; border: 1px solid black; margin-right: 5px;"></span> Existing Streams</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> Existing Culverts</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightyellow; border: 1px solid black; margin-right: 5px;"></span> Backwater Enhanced</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: pink; border: 1px solid black; margin-right: 5px;"></span> Cut Enhanced</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> Fill Enhanced</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: white; border: 1px solid black; margin-right: 5px;"></span> Grade Control</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> Protected Vegetation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> Revegetation Enhanced</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightyellow; border: 1px solid black; margin-right: 5px;"></span> Ponds</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> Proposed Culverts</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> Rootwads</li> </ul>
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**Wetlands Enhanced by New Streams**  
**Change in Distance to a Stream**

- From more than 300' to 200'
- From more than 300' to 300'
- From 200' to 50'
- From 300' to 50'
- From 300' to 200'

**Stream Mitigation**

- Enhanced Proposed
- Mitigated Proposed
- Existing Streams
- Existing Culverts
- Backwater Enhanced
- Cut Enhanced
- Fill Enhanced

**Grade Control**

- Protected Vegetation
- Revegetation Enhanced
- Ponds
- Proposed Culverts
- Rootwads

## ADJACENT WETLANDS ENHANCED

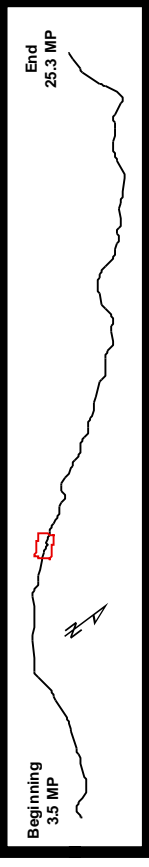
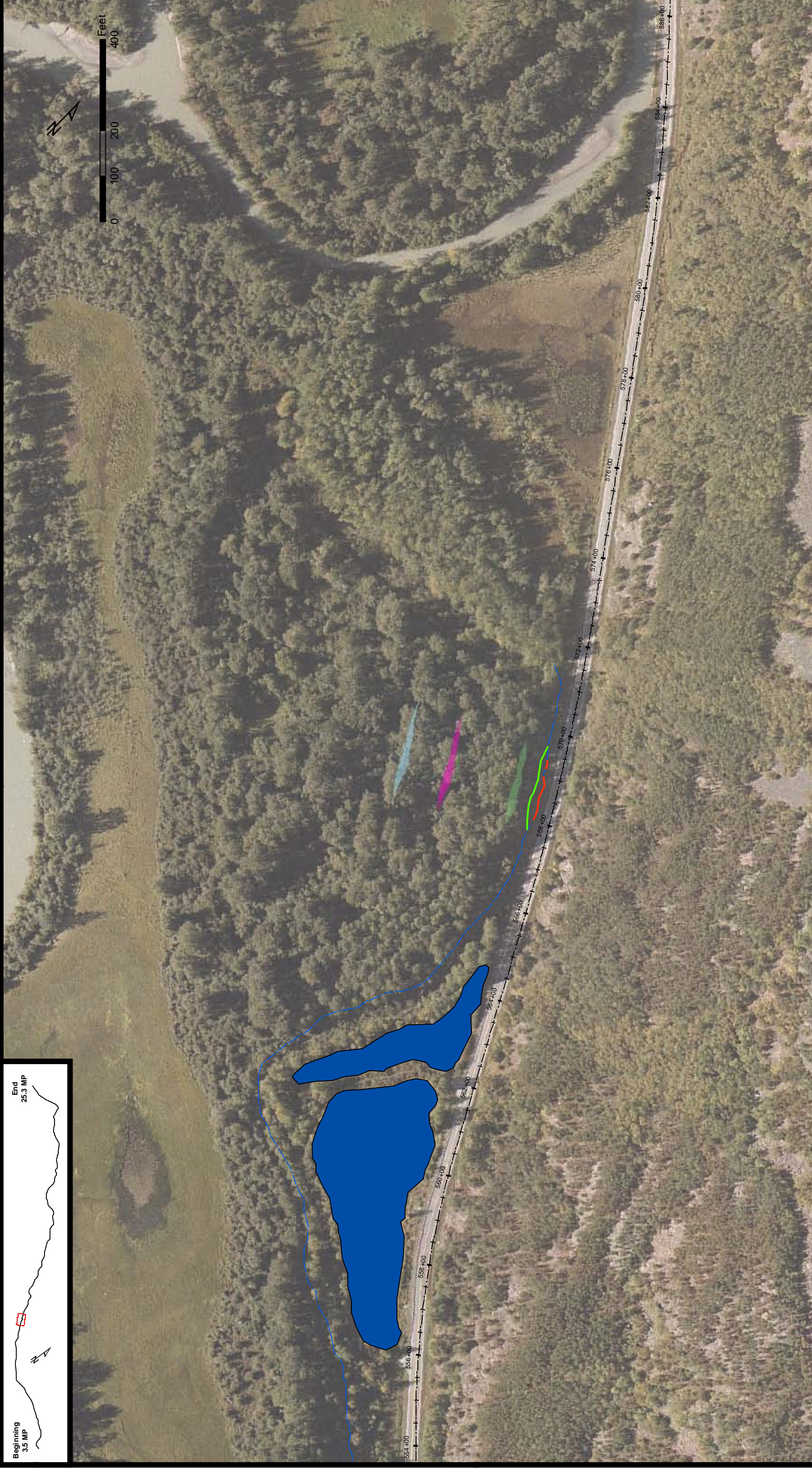
TS 28/29/30 S, R. 56/57/58/59 E,  
Copper River Meridian, Alaska



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**HAINES HIGHWAY**  
 MILEPOST 3.5 - 25.3  
 Haines, Alaska

DATE: Jun 07, 2010      FIGURE 4    4 OF 7





- Wetlands Enhanced by New Streams**
- Change in Distance to a Stream**
- From more than 300' to 200'
  - From more than 300' to 300'
  - From 200' to 50'
  - From 300' to 50'
  - From 300' to 200'

- Stream Mitigation**
- Enhanced Proposed
  - Mitigated Proposed
  - Existing Streams
  - Existing Culverts
  - Backwater Enhanced
  - Cut Enhanced
  - Fill Enhanced

- Grade Control
- Protected Vegetation
- Revegetation Enhanced
- Ponds
- Proposed Culverts
- Rootwads

**ADJACENT WETLANDS ENHANCED**

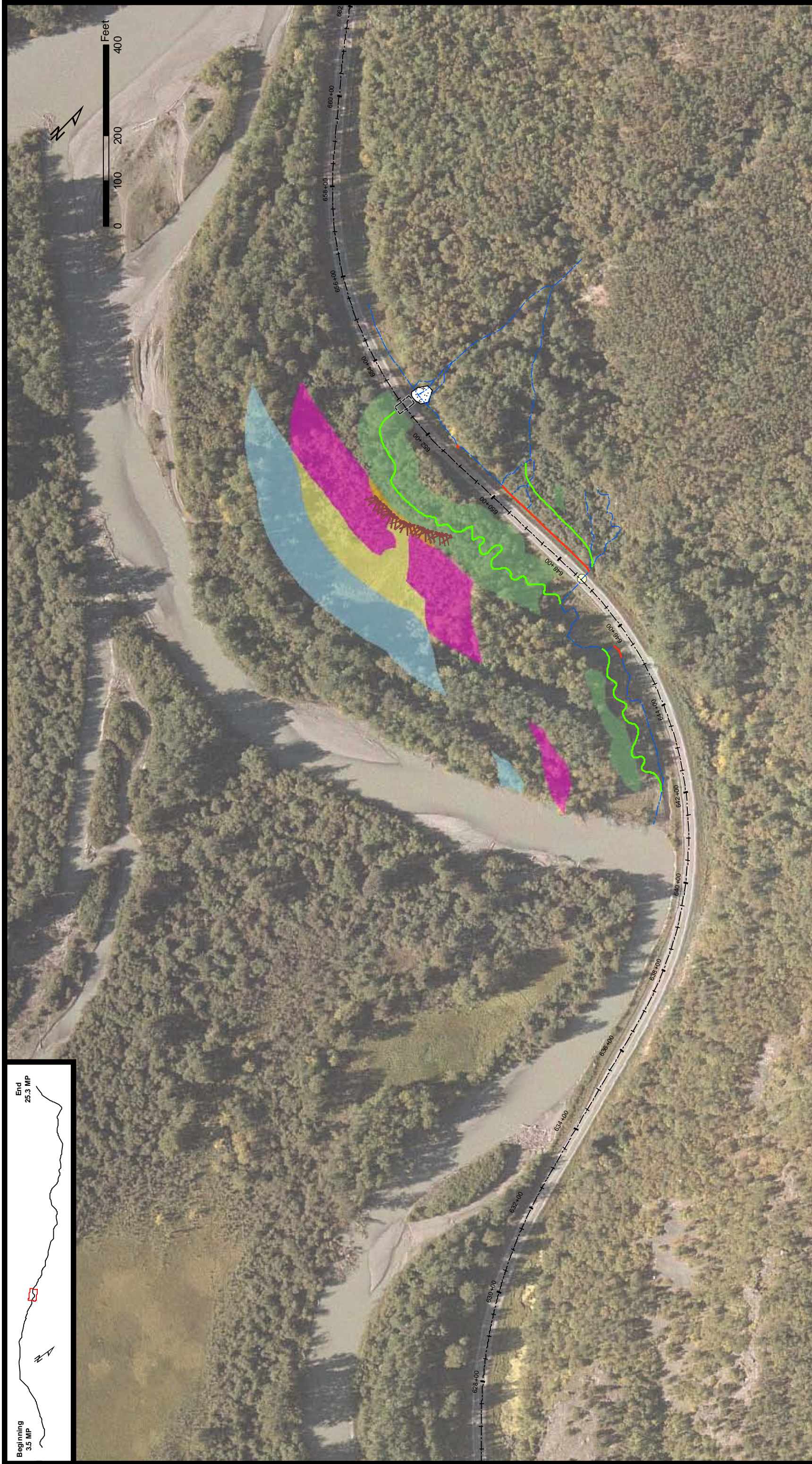
TS 28/29/30 S, R. 56/57/58/59 E;  
Copper River Meridian, Alaska



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DATE: Jun 07, 2010      FIGURE 4      5 OF 7





- Wetlands Enhanced by New Streams**
- Change in Distance to a Stream**
- From more than 300' to 200'
  - From more than 300' to 300'
  - From 200' to 50'
  - From 300' to 50'
  - From 300' to 200'

- Stream Mitigation**
- Enhanced Proposed
  - Mitigated Proposed
  - Existing Streams
  - Existing Culverts
  - Backwater Enhanced
  - Cut Enhanced
  - Fill Enhanced

- Grade Control
- Protected Vegetation
- Revegetation Enhanced
- Ponds
- Proposed Culverts
- Rootwads

### ADJACENT WETLANDS ENHANCED

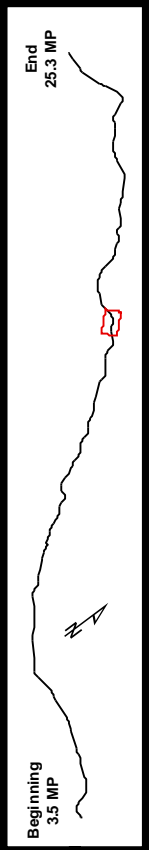
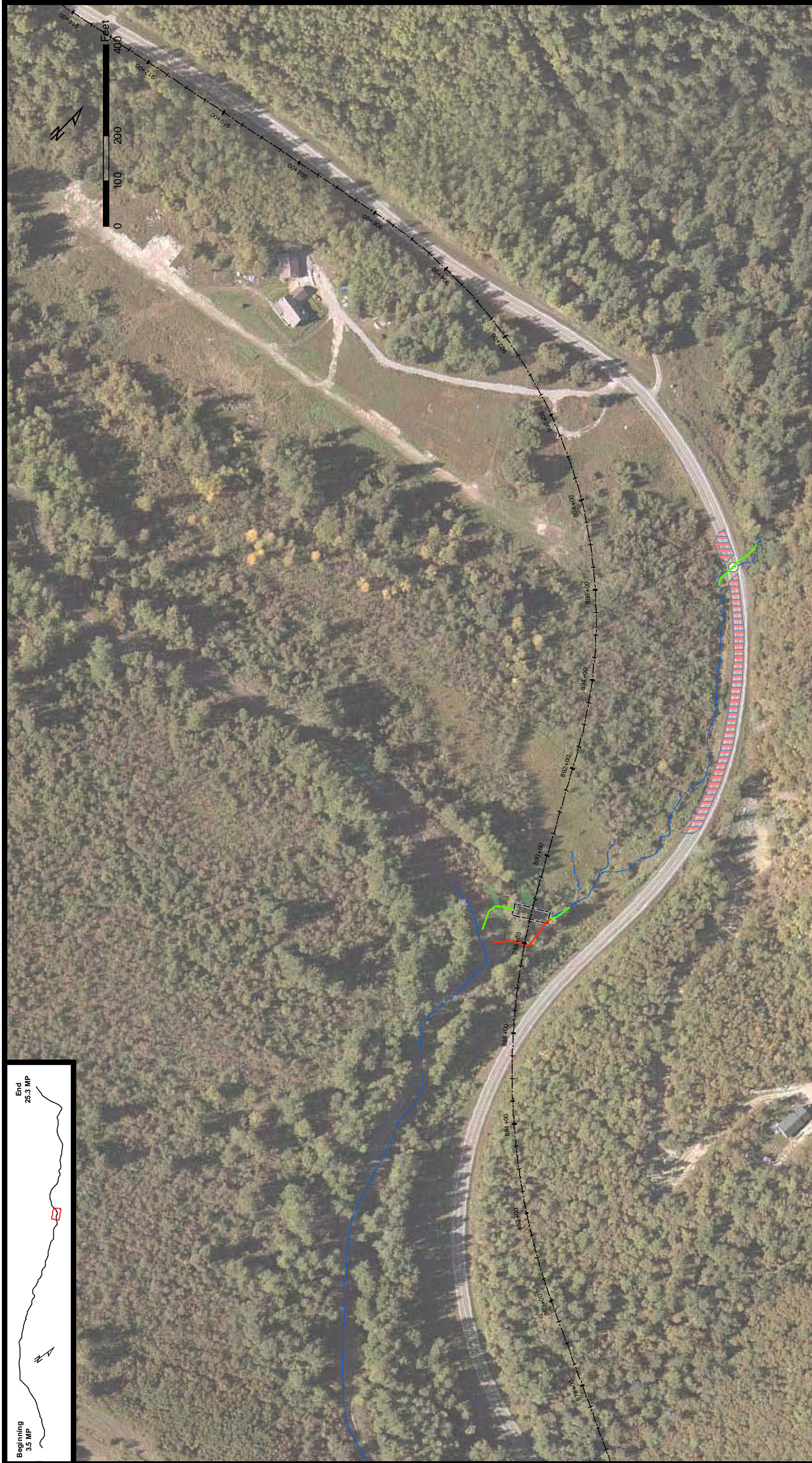
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Copper River Meridian, Alaska



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 DOT & PF Project No. 68606  
**HAINES HIGHWAY**  
 MILEPOST 3.5 - 25.3  
 Haines, Alaska

DATE: Jun 07, 2010      FIGURE 4      6 OF 7





**Wetlands Enhanced by New Streams**  
**Change in Distance to a Stream**

- From more than 300' to 200'
- From more than 300' to 300'
- From 200' to 50'
- From 300' to 50'
- From 300' to 200'

**Stream Mitigation**

- Enhanced Proposed
- Mitigated Proposed
- Existing Streams
- Existing Culverts
- Backwater Enhanced
- Cut Enhanced
- Fill Enhanced

Grade Control  
 Protected Vegetation  
 Revegetation Enhanced  
 Ponds  
 Proposed Culverts  
 Rootwads

**ADJACENT WETLANDS ENHANCED**

TS 28/29/30 S, R, 56/57/58/59 E;  
 Copper River Meridian, Alaska



**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES**  
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## **APPENDIX B**

### **Functions and Values Assessment Work Sheets**



Rating Score				VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7	
<b>Beginning Station</b>	192+00	<b>Ending Station</b>	193+00	<b>Side of Road</b>	L						
<b>Acres</b>	0.01	<b>Cowardin Class</b>	PEM1H	<b>Polygon ID</b>	1						
<b>Date Assessed</b>	04.09.10	<b>Assessor</b>	Kacy Hillman								
Function	Rating	Criteria (check the one that applies)									
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.									
	M if	Not H and not L.									
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.									
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.									
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.									
	ML if	Not H and not MH and not L.									
Functional Score	L if	Wetland gradient is greater than 7%.									
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.									
<b>Nutrient Export</b>	M if	Not H and not L.									
	L if	There is no perennial stream within 200 feet of the wetland.									



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> <input type="checkbox"/> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> <input checked="" type="checkbox"/> has moderate water level fluctuations <b>OR</b> <input type="checkbox"/> has extensive but mild pit-mound topography. <input type="checkbox"/>
Functional Score	5	Not H and not MH and not L. <input type="checkbox"/> Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input checked="" type="checkbox"/>
Functional Score	3	



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
Regional Ecological Diversity	H if	
	MH if	
	ML if	
Functional Score	2	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				<u>457</u> Environmental Score
Environmental Score	X	Acreage	=	Functional Units
457.00		0.01		<b>4.57</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	193+50	Ending Station	193+50	Side of Road	L			
Acres	0.000018	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.09.10	Polygon ID	2					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	Rating	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Riparian Support	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.			<input type="checkbox"/>
		L if	Not H, MH, or ML.			<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		6		42
Riparian Support		12		4		48
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						445
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
445.00		0.000018		<b>0.008010</b>		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	194+50	<b>Ending Station</b>	194+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.000262	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.09.10	<b>Polygon ID</b>	3					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b>	<input type="checkbox"/>
	MH if	ground water discharge conditions <b>OR</b>	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion <b>OR</b>	<input type="checkbox"/>
		if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
		if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b>	<input checked="" type="checkbox"/>
	L if	if stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b>	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b>	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b>	<input checked="" type="checkbox"/>
		has moderate water level fluctuations <b>OR</b>	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		6 72
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			469 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
469.00		0.000262	= <b>0.122878</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	212+00	Ending Station	222+50	Side of Road	L			
Acres	0.618	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.09.10	Polygon ID	4					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
Riparian Support	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input checked="" type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		3		30
Nutrient Export		7		6		42
Riparian Support		12		4		48
Salmonid Habitat		12		5		60
Erosion Sensitivity		9		5		45
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						430
<b>Environmental Score</b>						
Environmental Score	X	Acreage	=	Functional Units		
430.00		0.62		265.74		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	219+50	<b>Ending Station</b>	220+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	16					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	L if	Not H and not L.						
		There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4		There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>			Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	H if		Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
	MH if		Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2		Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
	VL if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>			Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if		Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b>	<input type="checkbox"/>
	MH if		ground water discharge conditions <b>OR</b>	<input type="checkbox"/>
			soils considered to be more physically sensitive to erosion <b>OR</b>	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if		Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2		Contains slope angles generally less than 3% <b>OR</b>	<input checked="" type="checkbox"/>
	L if		if stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>			<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>			Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
	H if		Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b>	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if		Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4		Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	L if		is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>			Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input checked="" type="checkbox"/>
	H if		Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b>	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% <b>OR</b>	<input type="checkbox"/>
			has moderate water level fluctuations <b>OR</b>	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>







Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			411 Environmental Score
Environmental Score	X	Acreage	= Functional Units
411.00		0.01	4.11



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	220+00	Ending Station	221+00	Side of Road	L			
Acres	0.006	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	18					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.01	= 2.67



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	221+00	<b>Ending Station</b>	221+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0009	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	19					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.0009		<b>0.40</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	221+00	Ending Station	221+50	Side of Road	L			
Acres	0.004	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.12.10	Polygon ID	20					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Riparian Support	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
	MH if							



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b>	<input type="checkbox"/>
	MH if	ground water discharge conditions <b>OR</b>	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion <b>OR</b>	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b>	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b>	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b>	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b>	<input checked="" type="checkbox"/>
		has moderate water level fluctuations <b>OR</b>	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.004		<b>1.78</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	221+50	<b>Ending Station</b>	222+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.005	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	22					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		6		42
Riparian Support		12		4		48
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						445
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
445.00		0.005		<b>2.23</b>		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	222+50	<b>Ending Station</b>	222+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0026	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	27					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			459 Environmental Score
Environmental Score	X	Acreage	= Functional Units
459.00		0.0026	= 1.19



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	222+00	<b>Ending Station</b>	228+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.219	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	28			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						











Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>								
		Not H, MH, or ML.	<input checked="" type="checkbox"/>								
<b>Environmental Score Calculation</b>											
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score								
<b>Aquatic Support Category</b>											
Groundwater Discharge	10		6								
Sediment/Toxicant Retention	10		6								
Nutrient Export	7		6								
Riparian Support	12		5								
Salmonid Habitat	12		6								
Erosion Sensitivity	9		2								
<b>Human Use Support Category</b>											
Groundwater Recharge	9		2								
Surface Hydrologic Control	10		5								
Recreational Use Potential	7		3								
<b>Terrestrial Support Category</b>											
Wildlife Support	12		3								
Regional Ecological Diversity	10		2								
<table style="margin-left: auto;"> <tr> <td style="border: none;">36</td> <td style="border: none;">20</td> <td style="border: none;">457</td> <td style="border: none;">Environmental Score</td> </tr> <tr> <td colspan="3" style="border: none;">-----</td> <td style="border: none;"></td> </tr> </table>				36	20	457	Environmental Score	-----			
36	20	457	Environmental Score								
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Environmental Score	X	Acreage	=	Functional Units							
457.00		0.22		<b>100.08</b>							



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	224+00	Ending Station	225+00	Side of Road	L			
Acreage	0.0075	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.12.10	Polygon ID	29					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	M if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
Riparian Support	H if							
	MH if							



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input checked="" type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input checked="" type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	6	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>







Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	4	40
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	4	28
Riparian Support	12	4	48
Salmonid Habitat	12	5	60
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	6	54
Surface Hydrologic Control	10	6	60
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			445 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
445.00		0.01	= <b>3.34</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	226+00	<b>Ending Station</b>	226+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.002	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	30					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>







Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		60
Sediment/Toxicant Retention	10		60
Nutrient Export	7		28
Riparian Support	12		48
Salmonid Habitat	12		60
Erosion Sensitivity	9		18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		36
Surface Hydrologic Control	10		60
Recreational Use Potential	7		21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		36
Regional Ecological Diversity	10		20
			447
			Environmental Score
Environmental Score	X	Acreage	= Functional Units
447.00		0.002	= 0.89



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	228+00	Ending Station	229+00	Side of Road	L			
Acres	0.038	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.12.10	Polygon ID	31					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			445 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
445.00		0.04	=
			<b>Functional Units</b> 16.91



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	228+50	<b>Ending Station</b>	228+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	33					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>







Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.003	= 1.34



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	229+00	<b>Ending Station</b>	230+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0589	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	39					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.06	= 26.21

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	230+00	<b>Ending Station</b>	240+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.487	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	40			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input checked="" type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		4		28
Riparian Support		12		4		48
Salmonid Habitat		12		5		60
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		4		36
Surface Hydrologic Control		10		6		60
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						447
<b>Environmental Score</b>						
Environmental Score	X	Acreage	=	Functional Units		
447.00		0.49		217.69		

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	234+00	<b>Ending Station</b>	234+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	44					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		5 60
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			447 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
447.00		0.001	= <b>0.45</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	234+50	<b>Ending Station</b>	234+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0006	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	43					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
Functional Score	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Functional Score	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		5 60
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			447 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
447.00		0.0006	= <b>0.27</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	232+00	Ending Station	234+00	Side of Road	R			
Acreage	0.076	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.12.10	Polygon ID	41					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input checked="" type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		3 36
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			423 Environmental Score
Environmental Score	X	Acreage	= Functional Units
423.00		0.08	= 32.15

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station	Ending Station	Side of Road	
234+50	236+00	R	
Acreage	Cowardin Class		
0.075	PEM1H		
Date Assessed	Assessor	Polygon ID	
04.12.10	Kacy Hillman	42	
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	MH if	Not H and not MH and not L.	
Functional Score	6	Wetland gradient is greater than 7%.	
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
Nutrient Export	H if	Not H and not L.	
	M if	There is no perennial stream within 200 feet of the wetland.	
Functional Score	4	Criteria (check the one that applies)	
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
Riparian Support	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	
	MH if		



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score		4		<input type="checkbox"/>
	L if		There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	H if		Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if		Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score		2		<input checked="" type="checkbox"/>
	L if		Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	H if		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score		2		<input checked="" type="checkbox"/>
	L if		Contains slope angles generally less than 3% OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>	H if		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
Functional Score		4		<input checked="" type="checkbox"/>
	M if		Not H and not L.	<input type="checkbox"/>
	L if		Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		4		40
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		4		28
Riparian Support	12		4		48
Salmonid Habitat	12		2		24
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		36
Surface Hydrologic Control	10		6		60
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					391
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
391.00		0.08		<b>29.33</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	236+50	<b>Ending Station</b>	240+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.067	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	45					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		5 60
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			447 Environmental Score
Environmental Score	X	Acreage	= Functional Units
447.00		0.07	= 29.95

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	238+00	Ending Station	239+00	Side of Road	L			
Acres	0.031	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.12.10	Polygon ID	46					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		3		27
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					448
					Environmental Score
Environmental Score	X	Acreage	=	Functional Units	
448.00		0.03		13.89	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	239+00	<b>Ending Station</b>	240+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	48					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	M if	Not H and not MH and not L.						
<b>Functional Score</b>	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	M if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input checked="" type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		5		60
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					430
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
430.00		0.001		<b>0.43</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	240+00	<b>Ending Station</b>	240+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0007	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	49					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	M if	Not H and not MH and not L.						
<b>Functional Score</b>	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	MH if		<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		5 60
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			430 Environmental Score
Environmental Score	X	Acreage	= Functional Units
430.00		0.0007	= 0.30

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	240+00	Ending Station	240+50	Side of Road	L			
Acres	0.0014	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.12.10	Polygon ID	50					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	M if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
	L if	There is no perennial stream within 200 feet of the wetland.						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	3	30
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	5	60
Erosion Sensitivity	9	5	45
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			430 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
430.00		0.001	=
			<b>Functional Units</b>
			<b>0.60</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	240+50	<b>Ending Station</b>	240+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0004	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	53					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		5 60
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			430 Environmental Score
Environmental Score	X	Acreage	= Functional Units
430.00		0.0004	= 0.17

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	240+50	<b>Ending Station</b>	240+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0003	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.12.10	<b>Polygon ID</b>	55					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage.	<input checked="" type="checkbox"/>
		Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b>	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions <b>OR</b>	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion <b>OR</b>	<input type="checkbox"/>
		if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
		if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b>	<input type="checkbox"/>
	L if	if stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b>	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b>	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b>	<input checked="" type="checkbox"/>
		has moderate water level fluctuations <b>OR</b>	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		5 50
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		5 60
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			454 Environmental Score
Environmental Score	X	Acreage	= Functional Units
454.00		0.0003	= 0.14

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	240+50	<b>Ending Station</b>	243+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.14	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	57			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	5	60
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			457 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
457.00		0.14	<b>63.98</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	240+50	<b>Ending Station</b>	248+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.4	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	58					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.40	= 178.00

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	242+50	<b>Ending Station</b>	242+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0003	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	59					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
Functional Score	M if	Not H and not L. <input checked="" type="checkbox"/>						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan. <input type="checkbox"/>						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <input checked="" type="checkbox"/>						
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. <input type="checkbox"/>						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver. <input type="checkbox"/>						
	L if	Not H and not MH and not L. <input type="checkbox"/>						
<b>Nutrient Export</b>	H if	Wetland gradient is greater than 7%. <input type="checkbox"/>						
Functional Score	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream. <input type="checkbox"/>						
	L if	Not H and not L. <input checked="" type="checkbox"/>						
		There is no perennial stream within 200 feet of the wetland. <input type="checkbox"/>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Functional Score	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <input type="checkbox"/>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
	L if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
Salmonid Habitat		Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	VH if	Primary use is for passage.	<input type="checkbox"/>
	H if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	MH if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
	ML if	Access is not restricted but rearing habitat quality is poor.	<input checked="" type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
	ML if	If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input checked="" type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	6	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
Surface Hydrologic Control		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
	ML if	has moderate water level fluctuations OR	<input type="checkbox"/>
	VL if	has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	4	40
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	4	28
Riparian Support	12	2	24
Salmonid Habitat	12	3	36
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	6	54
Surface Hydrologic Control	10	6	60
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			397 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
397.00		0.0003	= <b>0.12</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	243+00	<b>Ending Station</b>	248+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.27	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	60					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.27		<b>120.15</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	248+50	<b>Ending Station</b>	261+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.585	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	70					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	6	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	There is no perennial stream within 200 feet of the wetland. Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.59		<b>260.33</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	248+50	<b>Ending Station</b>	255+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.35	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	71					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>		
		Not H, MH, or ML.	<input checked="" type="checkbox"/>		
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score		
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		
Sediment/Toxicant Retention	10		6		
Nutrient Export	7		6		
Riparian Support	12		4		
Salmonid Habitat	12		6		
Erosion Sensitivity	9		2		
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		
Surface Hydrologic Control	10		5		
Recreational Use Potential	7		3		
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		
Regional Ecological Diversity	10		2		
<table style="margin-left: auto;"> <tr> <td style="border-top: 1px solid black;">445</td> <td style="border-top: 1px solid black;">Environmental Score</td> </tr> </table>				445	Environmental Score
445	Environmental Score				
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.35		155.75	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	256+00	<b>Ending Station</b>	269+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.58	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	72					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
		Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
		There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if							



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input checked="" type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		3 36
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			423 Environmental Score
Environmental Score	X	Acreage	= Functional Units
423.00		0.58	= 245.34

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	260+50	<b>Ending Station</b>	261+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.034	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	73			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input checked="" type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		3 36
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			423 Environmental Score
Environmental Score	X	Acreage	= Functional Units
423.00		0.03	= 14.38

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	261+50	<b>Ending Station</b>	262+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.02	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	74					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if							

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input checked="" type="checkbox"/>
Functional Score	3	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>		Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge		10		6	60
Sediment/Toxicant Retention		10		6	60
Nutrient Export		7		4	28
Riparian Support		12		4	48
Salmonid Habitat		12		3	36
Erosion Sensitivity		9		2	18
<b>Human Use Support Category</b>					
Groundwater Recharge		9		4	36
Surface Hydrologic Control		10		6	60
Recreational Use Potential		7		3	21
<b>Terrestrial Support Category</b>					
Wildlife Support		12		3	36
Regional Ecological Diversity		10		2	20
					423
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
423.00		0.02		<b>8.46</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	262+00	<b>Ending Station</b>	278+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.525	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	75					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input checked="" type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		4		28
Riparian Support	12		4		48
Salmonid Habitat	12		3		36
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		36
Surface Hydrologic Control	10		6		60
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					423
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
423.00		0.53		<b>222.08</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	263+00	Ending Station	263+50	Side of Road	L			
Acres	0.0026	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	76					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	7	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>
			<input type="checkbox"/>





Functional Score	5	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		4		28
Riparian Support	12		4		48
Salmonid Habitat	12		7		84
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		36
Surface Hydrologic Control	10		6		60
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		5		50
					501
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
501.00		0.003		<b>1.30</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	264+50	Ending Station	266+00	Side of Road	L			
Acres	0.023	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	77					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input checked="" type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		5 60
Salmonid Habitat	12		3 36
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			435 Environmental Score
Environmental Score	X	Acreage	= Functional Units
435.00		0.02	= 10.01

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	269+50	<b>Ending Station</b>	277+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.34	<b>Cowardin Class</b>	PEM1B	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	78					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	4	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input checked="" type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		3 36
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			423 Environmental Score
Environmental Score	X	Acreage	= Functional Units
423.00		0.34	= 143.82



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	277+50	Ending Station	283+50	Side of Road	L			
Acres	0.18	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	79					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
Riparian Support	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b>						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	1	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>		
		Not H, MH, or ML.	<input checked="" type="checkbox"/>		
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score		
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		
Sediment/Toxicant Retention	10		2		
Nutrient Export	7		4		
Riparian Support	12		4		
Salmonid Habitat	12		1		
Erosion Sensitivity	9		5		
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		
Surface Hydrologic Control	10		2		
Recreational Use Potential	7		3		
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		
Regional Ecological Diversity	10		2		
<table style="margin-left: auto;"> <tr> <td style="border-top: 1px solid black;">346</td> <td style="border-top: 1px solid black;">Environmental Score</td> </tr> </table>				346	Environmental Score
346	Environmental Score				
Environmental Score	X	Acreage	=	Functional Units	
346.00		0.18		<b>62.28</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station	Ending Station	Side of Road	
Acres	Cowardin Class		
Date Assessed	Assessor	Polygon ID	
284+50	286+00	R	
0.049	PEM1B		
04.13.10	Kacy Hillman	80	
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Nutrient Export	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
	M if	Not H and not L.	
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.	
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	1	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input checked="" type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	6	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		4		28
Riparian Support	12		4		48
Salmonid Habitat	12		1		12
Erosion Sensitivity	9		6		54
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		36
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					355
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
355.00		0.05		<b>17.40</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	296+50	Ending Station	301+00	Side of Road	L			
Acres	0.0376	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	82					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	7	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
			<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.			<input type="checkbox"/>
		L if	Not H, MH, or ML.			<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		2		20
Nutrient Export		7		6		42
Riparian Support		12		4		48
Salmonid Habitat		12		7		84
Erosion Sensitivity		9		5		45
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		2		20
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						414
						Environmental Score
Environmental Score	X	Acreage	=	Functional Units		
414.00		0.04		15.57		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	301+00	<b>Ending Station</b>	306+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.105	<b>Cowardin Class</b>	PFO1C	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	83					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	1	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		1 12
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			346 Environmental Score
Environmental Score	X	Acreage	= Functional Units
346.00		0.11	= 36.33

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	308+00	<b>Ending Station</b>	310+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.098	<b>Cowardin Class</b>	PFO1C	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	84					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	1	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.				<input type="checkbox"/>
		L if	Not H, MH, or ML.				<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>							
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score	
<b>Aquatic Support Category</b>							
Groundwater Discharge		10		6		60	
Sediment/Toxicant Retention		10		2		20	
Nutrient Export		7		4		28	
Riparian Support		12		4		48	
Salmonid Habitat		12		1		12	
Erosion Sensitivity		9		5		45	
<b>Human Use Support Category</b>							
Groundwater Recharge		9		4		36	
Surface Hydrologic Control		10		2		20	
Recreational Use Potential		7		3		21	
<b>Terrestrial Support Category</b>							
Wildlife Support		12		3		36	
Regional Ecological Diversity		10		2		20	
						346	
						<b>Environmental Score</b>	
Environmental Score	X	Acreage	=	Functional Units			
346.00		0.10		<b>33.91</b>			

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	312+50	Ending Station	314+50	Side of Road	L			
Acreage	0.0588	Cowardin Class	PFO1C	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	85					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			478 Environmental Score
Environmental Score	X	Acreage	= Functional Units
478.00		0.06	= 28.11



Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station	Ending Station	Side of Road	
Acres	Cowardin Class		
Date Assessed	Assessor	Polygon ID	
315+00	316+00	L	
0.045	PFO1C		
04.13.10	Kacy Hillman	87	
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Nutrient Export	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
	M if	Not H and not L.	
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.	
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			478 Environmental Score
Environmental Score	X	Acreage	= Functional Units
478.00		0.05	= 21.51

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	316+00	<b>Ending Station</b>	319+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.17	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	88					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			466 Environmental Score
Environmental Score	X	Acreage	= Functional Units
466.00		0.17	= 79.22

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	319+00	<b>Ending Station</b>	325+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.44968	<b>Cowardin Class</b>	PEM1H	<b>Polygon ID</b>	105			
<b>Date Assessed</b>	04.13.10	<b>Assessor</b>	Kacy Hillman					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
		Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
		Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Riparian Support</b>	H if							
	MH if							



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			478 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
478.00		0.45	= <b>214.95</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	325+00	Ending Station	340+00	Side of Road	L			
Acreage	0.726	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	107					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	5	60
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	6	42
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			478
			Environmental Score
Environmental Score	X	Acreage	=
478.00		0.73	=
			347.03
			Functional Units

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	331+00	<b>Ending Station</b>	340+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.254	<b>Cowardin Class</b>	PSSIE	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	108					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Riparian Support</b>	H if							
Functional Score	4							
	L if							

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	L if	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
Recreational Use Potential		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	6	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
Function		Rating	<b>Criteria (check the one that applies)</b>	
Wildlife Support		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
Regional Ecological Diversity		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			432 Environmental Score
Environmental Score	X	Acreage	= Functional Units
432.00		0.25	= 109.73

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	346+00	<b>Ending Station</b>	346+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.00006	<b>Cowardin Class</b>	n/a (IS)	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	109			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					466
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
466.00		0.00006		<b>0.03</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	347+00	<b>Ending Station</b>	348+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.037	<b>Cowardin Class</b>	PEM1B	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.13.10	<b>Polygon ID</b>	110					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input checked="" type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	3	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
Recreational Use Potential		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	6	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
Function		Rating	<b>Criteria (check the one that applies)</b>	
Wildlife Support		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
Regional Ecological Diversity		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		3		36
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		36
Surface Hydrologic Control	10		6		60
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					458
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
458.00		0.04		<b>16.95</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	349+00	<b>Ending Station</b>	349+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.00007	<b>Cowardin Class</b>	Interfluve Stream					
<b>Date Assessed</b>	04.15.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	111			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		3		30
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					425
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
425.00		0.00007		<b>0.03</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	350+00	<b>Ending Station</b>	350+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0001	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	113					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	7	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Functional Score	5	Criteria (check the one that applies)	<input type="checkbox"/>
Function		Rating	
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		7 84
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			475 Environmental Score
Environmental Score	X	Acreage	= Functional Units
475.00		0.0001	= 0.05



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	350+00	Ending Station	356+00	Side of Road	L			
Acres	0.065	Cowardin Class	P3OW	Assessor	Kacy Hillman			
Date Assessed	04.13.10	Polygon ID	114					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Riparian Support	L if	Not H and not L.						
	H if	There is no perennial stream within 200 feet of the wetland.						
	MH if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing AND/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	7	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5	Criteria (check the one that applies)	<input type="checkbox"/>
Function		Rating	
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>
			<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
Recreational Use Potential		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
Function		Rating	<b>Criteria (check the one that applies)</b>	
Wildlife Support		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
Regional Ecological Diversity		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		7 84
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			435 Environmental Score
Environmental Score	X	Acreage	= Functional Units
435.00		0.0650	= 28.28

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	346+00	Ending Station	366+50	Side of Road	L			
Acres	0.078	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	115					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	7	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5		<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		7		84
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					454
					<b>Environmental Score</b>
Environmental Score		X	Acreage	=	Functional Units
454.00			0.08		<b>35.41</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	366+50	<b>Ending Station</b>	367+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.012	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	117					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if							



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4		There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>			Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if		Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if		Primary use is for passage.	<input type="checkbox"/>
	MH if		Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6		Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>			Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2		Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if		If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>			<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>			Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if		Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if		Not H and not L.	<input type="checkbox"/>
Functional Score	2		Wetland is tidal OR	<input type="checkbox"/>
	L if		is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>			Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if		Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.01	5.34



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	370+00	<b>Ending Station</b>	375+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.1177	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	119					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.12		<b>52.38</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	379+00	Ending Station	391+00	Side of Road	L			
Acreage	0.89	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	120					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Riparian Support	L if	Not H and not L.						
	H if	There is no perennial stream within 200 feet of the wetland.						
	MH if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					442
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
442.00	0.89			<b>393.38</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	392+50	<b>Ending Station</b>	393+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.0016	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	122					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	4	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
	L if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
Salmonid Habitat		Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	VH if	Primary use is for passage.	<input type="checkbox"/>
	H if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	MH if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	ML if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	1	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	H if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	ML if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Functional Score	2	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Function		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input checked="" type="checkbox"/>
Groundwater Recharge		Not H and not L.	<input type="checkbox"/>
	M if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
Functional Score	6	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
Surface Hydrologic Control		Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>
	H if		<input type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	4	40
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	4	28
Riparian Support	12	2	24
Salmonid Habitat	12	1	12
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	6	54
Surface Hydrologic Control	10	6	60
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			373 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
373.00		0.002	=
			<b>Functional Units 0.60</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	395+00	<b>Ending Station</b>	396+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.00278	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	123					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					442
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
442.00		0.003		<b>1.23</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	396+00	<b>Ending Station</b>	398+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.018	<b>Cowardin Class</b>	R3OW	<b>Polygon ID</b>	124			
<b>Date Assessed</b>	04.14.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	2	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	7	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5		<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>
			<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		7		84
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					414
					<b>Environmental Score</b>
Environmental Score		X	Acreage	=	Functional Units
414.00			0.02		<b>7.45</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	411+00	Ending Station	416+50	Side of Road	L			
Acres	0.488	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	125					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					442
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
442.00		0.49		215.70	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	428+50	<b>Ending Station</b>	446+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	2.29	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	127					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			402 Environmental Score
Environmental Score	X	Acreage	= Functional Units
402.00		2.29	= 920.58



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	448+50	<b>Ending Station</b>	451+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.016	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	128					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	M if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	M if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	M if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					402
					<b>Environmental Score</b>
Environmental Score		X	Acreage	=	Functional Units
402.00			0.02		<b>6.43</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	453+00	Ending Station	457+00	Side of Road	L			
Acreage	0.089	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	129					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	ML if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Function</b>			
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Functional Score	2	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			402 Environmental Score
Environmental Score	X	Acreage	= Functional Units
402.00		0.09	= 35.78



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	458+00	<b>Ending Station</b>	463+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.253	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	130					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			402 Environmental Score
Environmental Score	X	Acreage	= Functional Units
402.00		0.25	= 101.71



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	466+00	Ending Station	466+00	Side of Road	L			
Acreage	0.0004	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	131					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					402
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
402.00		0.0004		<b>0.16</b>	



Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
<b>Beginning Station</b>	469+50	<b>Ending Station</b>	483+50
<b>Acres</b>	0.99	<b>Cowardin Class</b>	PSS1H
<b>Date Assessed</b>	04.14.10	<b>Assessor</b>	Kacy Hillman
		<b>Side of Road</b>	R
		<b>Polygon ID</b>	132
Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
	M if	Not H and not L.	
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.	
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	L if	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	H if		Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	MH if		Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	L if	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	H if		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	L if	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			if stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>	H if		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if		Not H and not L.	<input type="checkbox"/>
Functional Score	L if	2	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.99	= 440.55



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	470+00	<b>Ending Station</b>	483+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.2587	<b>Cowardin Class</b>	PFO1C	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	133					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			if stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.26		115.12	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	483+00	<b>Ending Station</b>	484+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.009	<b>Cowardin Class</b>	PFO1C	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	135					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		6		42
Riparian Support		12		4		48
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						445
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
445.00		0.01		<b>4.01</b>		



3		Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station 483+50		Ending Station 489+50	
Acres 0.7179		Cowardin Class PSS1H	
Date Assessed 04.14.10		Assessor Kacy Hillman	
		Side of Road L, R	
		Polygon ID 136	
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR	<input checked="" type="checkbox"/>
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
Nutrient Export	L if	Not H and not MH and not L.	<input type="checkbox"/>
	H if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Riparian Support	L if	Not H and not L.	<input type="checkbox"/>
	M if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>
	MH if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR Wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	<input type="checkbox"/>

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>					
		Not H, MH, or ML.	<input checked="" type="checkbox"/>					
<b>Environmental Score Calculation</b>								
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score					
<b>Aquatic Support Category</b>								
Groundwater Discharge	10		6					
Sediment/Toxicant Retention	10		6					
Nutrient Export	7		6					
Riparian Support	12		4					
Salmonid Habitat	12		6					
Erosion Sensitivity	9		2					
<b>Human Use Support Category</b>								
Groundwater Recharge	9		2					
Surface Hydrologic Control	10		5					
Recreational Use Potential	7		3					
<b>Terrestrial Support Category</b>								
Wildlife Support	12		3					
Regional Ecological Diversity	10		2					
<table style="margin-left: auto;"> <tr> <td style="border-top: 1px solid black;">445.00</td> <td style="border-top: 1px solid black;">X</td> <td style="border-top: 1px solid black;">0.72</td> <td style="border-top: 1px solid black;">=</td> <td style="border-top: 1px solid black;">319.47</td> </tr> </table>				445.00	X	0.72	=	319.47
445.00	X	0.72	=	319.47				
Environmental Score		Acreage	=	Functional Units				
445.00		0.72	=	319.47				



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	486+50	<b>Ending Station</b>	510+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	1.6779	<b>Cowardin Class</b>	PEM1B	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	137					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	4	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.			<input type="checkbox"/>
		L if	Not H, MH, or ML.			<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		4		28
Riparian Support		12		4		48
Salmonid Habitat		12		2		24
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		4		36
Surface Hydrologic Control		10		6		60
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						411
						Environmental Score
Environmental Score	X	Acreage	=	Functional Units		
411.00		1.68		689.62		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	493+00	Ending Station	464+00	Side of Road	R			
Acreage	0.05	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	138					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			411 Environmental Score
Environmental Score	X	Acreage	= Functional Units
411.00		0.05	= 20.55



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	494+50	<b>Ending Station</b>	500+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.12	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	6					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if							

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.12	53.40



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	505+00	<b>Ending Station</b>	507+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.09	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	139					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	5	50
Nutrient Export	7	4	28
Riparian Support	12	2	24
Salmonid Habitat	12	2	24
Erosion Sensitivity	9	3	27
<b>Human Use Support Category</b>			
Groundwater Recharge	9	4	36
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			376 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
376.00		0.09	=
			<b>Functional Units</b>
			<b>33.84</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	509+00	<b>Ending Station</b>	512+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.18	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	141					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if							

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage.	<input type="checkbox"/>
		Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b>	<input type="checkbox"/>
	MH if	ground water discharge conditions <b>OR</b>	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion <b>OR</b>	<input type="checkbox"/>
		if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
		if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b>	<input checked="" type="checkbox"/>
	L if	if stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b>	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b>	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b>	<input checked="" type="checkbox"/>
		has moderate water level fluctuations <b>OR</b>	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.18	= 80.10



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	511+50	<b>Ending Station</b>	512+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.07	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	140					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.07		31.15	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	512+00	Ending Station	523+50	Side of Road	L			
Acreage	0.65	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	144					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Riparian Support	L if	Not H and not L.						
	H if	There is no perennial stream within 200 feet of the wetland.						
	MH if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
Groundwater Recharge		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
				<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					442
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
442.00		0.65		<b>287.30</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	512+50	Ending Station	514+00	Side of Road	R			
Acreage	0.1	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	143					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score		X			
445.00					
	Acreage	=	Functional Units		
	0.10		44.50		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	523+50	<b>Ending Station</b>	529+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.28	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	150					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	L if	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.			<input type="checkbox"/>
		L if	Not H, MH, or ML.			<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		4		28
Riparian Support		12		4		48
Salmonid Habitat		12		2		24
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		4		36
Surface Hydrologic Control		10		6		60
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						411
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
411.00		0.28		<b>115.08</b>		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	523+50	<b>Ending Station</b>	531.5	<b>Side of Road</b>	R			
<b>Acres</b>	0.39	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	149					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if							

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.39		<b>173.55</b>	



Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	Ending Station	Side of Road
529+50	531+50	L
Acres	Cowardin Class	
0.08	PSS1H	
Date Assessed	Assessor	Polygon ID
04.14.10	Kacy Hillman	154

Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR	<input checked="" type="checkbox"/>
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
Nutrient Export	L if	Not H and not MH and not L.	<input type="checkbox"/>
	H if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Riparian Support	L if	Not H and not L.	<input type="checkbox"/>
	M if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>
	MH if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	<input type="checkbox"/>

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.08		<b>35.60</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	531+00	<b>Ending Station</b>	540+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.41	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.14.10	<b>Polygon ID</b>	156					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.41		<b>182.45</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	531+00	Ending Station	555+50	Side of Road	L			
Acres	0.87	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	157					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.87	= 387.15

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	555+50	Ending Station 558+00
Acreage	0.06	Cowardin Class PEM1H
Date Assessed	04.14.10	Assessor Kacy Hillman
		Side of Road L
		Polygon ID 158
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Nutrient Export	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
	M if	Not H and not L.
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
	L if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
Salmonid Habitat		Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	VH if	Primary use is for passage.	<input type="checkbox"/>
	H if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	MH if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	ML if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	2	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	H if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	ML if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Function		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
Groundwater Recharge		Not H and not L.	<input checked="" type="checkbox"/>
	M if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
Functional Score	4	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
Surface Hydrologic Control		Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>
	H if		<input type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		4 28
Riparian Support	12		2 24
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			334 Environmental Score
Environmental Score	X	Acreage	= Functional Units
334.00		0.06	= 20.04

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	558+00	Ending Station	558+50	Side of Road	L			
Acres	0.0005	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.14.10	Polygon ID	159					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	2	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	5	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Riparian Support	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
	L if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
Salmonid Habitat		Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	VH if	Primary use is for passage.	<input type="checkbox"/>
	H if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	MH if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
	ML if	Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input checked="" type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
	ML if	If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input checked="" type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	6	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
Surface Hydrologic Control		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
	MH if	has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	ML if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		2 20
Sediment/Toxicant Retention	10		5 50
Nutrient Export	7		4 28
Riparian Support	12		2 24
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		6 54
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			372 Environmental Score
Environmental Score	X	Acreage	= Functional Units
372.00		0.0005	= 0.19



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	559+00	Ending Station	584+00	Side of Road	L			
Acreage	0.89	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	160					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		3		30
Nutrient Export		7		6		42
Riparian Support		12		4		48
Salmonid Habitat		12		5		60
Erosion Sensitivity		9		5		45
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						430
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
430.00		0.89		<b>382.70</b>		

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	568+50	Ending Station 568+50
Acres	0.0002	Cowardin Class PEM1H
Date Assessed	04.15.10	Assessor Kacy Hillman
		Side of Road L
		Polygon ID 164
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Functional Score	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
Nutrient Export	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.
Functional Score	Rating	Criteria (check the one that applies)
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
Riparian Support	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.				<input type="checkbox"/>
		L if	Not H, MH, or ML.				<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>							
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score	
<b>Aquatic Support Category</b>							
Groundwater Discharge		10		6		60	
Sediment/Toxicant Retention		10		3		30	
Nutrient Export		7		6		42	
Riparian Support		12		4		48	
Salmonid Habitat		12		6		72	
Erosion Sensitivity		9		5		45	
<b>Human Use Support Category</b>							
Groundwater Recharge		9		2		18	
Surface Hydrologic Control		10		5		50	
Recreational Use Potential		7		3		21	
<b>Terrestrial Support Category</b>							
Wildlife Support		12		3		36	
Regional Ecological Diversity		10		2		20	
						442	
<b>Environmental Score</b>							
Environmental Score	X	Acreage	=	Functional Units			
442.00		0.0002		0.09			

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	569+00	<b>Ending Station</b>	569+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0006	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	166					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			442 Environmental Score
Environmental Score	X	Acreage	= Functional Units
442.00		0.001	= 0.27

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	584+00	Ending Station	584+00	Side of Road	L			
Acres	0.001	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	167					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			459 Environmental Score
Environmental Score	X	Acreage	= Functional Units
459.00		0.001	= 0.46

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	584+00	<b>Ending Station</b>	588+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.17	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	168					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	2	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			402 Environmental Score
Environmental Score	X	Acreage	= Functional Units
402.00		0.17	= 68.34



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	584+00	Ending Station	587+00	Side of Road	L			
Acres	0.063	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	169					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Riparian Support	L if	Not H and not L.						
	H if	There is no perennial stream within 200 feet of the wetland.						
	MH if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input checked="" type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	7	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		7		84
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					414
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
414.00		0.06		<b>26.08</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	588+00	<b>Ending Station</b>	589+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.04	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	170					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	2	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	6	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5		<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>
			<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					402
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
402.00		0.04		16.08	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	589+50	<b>Ending Station</b>	590+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.02	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	172					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.02		<b>8.90</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	Ending Station	Side of Road
589+50	606+50	L, R
Acreage	Cowardin Class	
1.61	PSS1H	
Date Assessed	Assessor	Polygon ID
04.15.10	Kacy Hillman	173
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.
Sediment Toxicant Retention	ML if	Not H and not MH and not L.
	L if	Wetland gradient is greater than 7%.
Nutrient Export	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
	M if	Not H and not L.
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.
	Rating	<b>Criteria (check the one that applies)</b>
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		1.61		<b>716.45</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	597+00	Ending Station	605+50	Side of Road	L			
Acres	0.38	Cowardin Class	PEM1B	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	174					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score		4		<input type="checkbox"/>
	L if		There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	H if		Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if		Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score		2		<input checked="" type="checkbox"/>
	L if		Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	H if		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score		2		<input checked="" type="checkbox"/>
	L if		Contains slope angles generally less than 3% OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>	H if		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if		Not H and not L.	<input checked="" type="checkbox"/>
Functional Score		4		<input type="checkbox"/>
	L if		Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			411 Environmental Score
Environmental Score	X	Acreage	= Functional Units
411.00		0.38	= 156.18



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	606+50	<b>Ending Station</b>	607+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	176					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.01		<b>4.45</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	610+00	<b>Ending Station</b>	612+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.02	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	177					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		60
Sediment/Toxicant Retention	10		20
Nutrient Export	7		42
Riparian Support	12		48
Salmonid Habitat	12		72
Erosion Sensitivity	9		45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		18
Surface Hydrologic Control	10		20
Recreational Use Potential	7		21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		36
Regional Ecological Diversity	10		20
			402
			<b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
402.00		0.02	<b>8.04</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	624+00	<b>Ending Station</b>	633+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.4	<b>Cowardin Class</b>	PFO1C	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	178					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	L if	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			411 Environmental Score
Environmental Score	X	Acreage	= Functional Units
411.00		0.40	= 164.40

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station	Ending Station	Side of Road	R
Acreage	Cowardin Class	Assessor	Polygon ID
Date Assessed			
624+50	631+50	PEM1H	179
0.38	Kacy Hillman		
04.15.10			
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	MH if	Not H and not MH and not L.	
Functional Score	6	Wetland gradient is greater than 7%.	
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
Nutrient Export	H if	Not H and not L.	
	M if	There is no perennial stream within 200 feet of the wetland.	
Functional Score	4	Criteria (check the one that applies)	
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
Riparian Support	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
	L if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
Salmonid Habitat		Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	VH if	Primary use is for passage.	<input type="checkbox"/>
	H if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	MH if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
	ML if	Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
	ML if	If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input checked="" type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	6	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
Surface Hydrologic Control		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
	ML if	has moderate water level fluctuations OR	<input type="checkbox"/>
	VL if	has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	4	40
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	4	28
Riparian Support	12	2	24
Salmonid Habitat	12	2	24
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	6	54
Surface Hydrologic Control	10	6	60
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			385 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
385.00		0.38	=
			<b>Functional Units</b> <b>146.30</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	641+50	<b>Ending Station</b>	647+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.23	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	181					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.23	= 105.11



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	645+50	<b>Ending Station</b>	645+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.00006	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	185					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
Functional Score	M if	Not H and not L.						
6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
3	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
6	M if	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	There is no perennial stream within 200 feet of the wetland. <b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Functional Score	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					442
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
442.00		0.0001		<b>0.03</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+00	<b>Ending Station</b>	647+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.005	<b>Cowardin Class</b>	PSSIE	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	190					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.01	= 2.23

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	648+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.05	<b>Cowardin Class</b>	PEM1H	<b>Polygon ID</b>	189			
<b>Date Assessed</b>	04.15.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		60
Sediment/Toxicant Retention	10		60
Nutrient Export	7		42
Riparian Support	12		48
Salmonid Habitat	12		72
Erosion Sensitivity	9		18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		18
Surface Hydrologic Control	10		50
Recreational Use Potential	7		21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		36
Regional Ecological Diversity	10		20
			445
			Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.05	22.25

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	679+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.02	<b>Cowardin Class</b>	PSSIE	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	191					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			445 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
445.00		0.02	= <b>8.90</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	648+50	<b>Ending Station</b>	653+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.23	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	196					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.23		<b>102.35</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	649+50	<b>Ending Station</b>	650+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.0004	<b>Cowardin Class</b>	PSS1E	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	202					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.0004	= 0.18

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station 653+00	Ending Station 654+50
Acres 0.09	Cowardin Class PSS1H
Date Assessed 04.15.10	Assessor Kacy Hillman
	Side of Road L
	Polygon ID 205

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
<b>Functional Score</b>	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
	L if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
Salmonid Habitat		Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	VH if	Primary use is for passage.	<input type="checkbox"/>
	H if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	MH if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	ML if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	1	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	H if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	ML if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Function		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
Groundwater Recharge		Not H and not L.	<input checked="" type="checkbox"/>
	M if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
Functional Score	4	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
Surface Hydrologic Control		Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	H if		<input type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>		
		Not H, MH, or ML.	<input checked="" type="checkbox"/>		
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score		
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		
Sediment/Toxicant Retention	10		5		
Nutrient Export	7		4		
Riparian Support	12		2		
Salmonid Habitat	12		1		
Erosion Sensitivity	9		5		
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		
Surface Hydrologic Control	10		5		
Recreational Use Potential	7		3		
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		
Regional Ecological Diversity	10		2		
<table style="margin-left: auto;"> <tr> <td style="border-top: 1px solid black;">382</td> <td style="border-top: 1px solid black;">Environmental Score</td> </tr> </table>				382	Environmental Score
382	Environmental Score				
Environmental Score	X	Acreage	=	Functional Units	
382.00		0.09		<b>34.38</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
<b>Beginning Station</b>	663+00	<b>Ending Station</b>	671+00
<b>Acres</b>	0.28	<b>Cowardin Class</b>	PEM1H
<b>Date Assessed</b>	04.15.10	<b>Assessor</b>	Kacy Hillman
		<b>Side of Road</b>	R
		<b>Polygon ID</b>	207
Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
<b>Functional Score</b>	6	Not H and not MH and not L.	
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
	M if	Not H and not L.	
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.	
Function	Rating	Criteria (check the one that applies)	
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing AND/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
Functional Score	2	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
Surface Hydrologic Control	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		2 24
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			373 Environmental Score
Environmental Score	X	Acreage	= Functional Units
373.00		0.28	104.44

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	Ending Station	Side of Road
665+50	671+50	L
Acreage	Cowardin Class	
0.13	R3OW	
Date Assessed	Assessor	Polygon ID
04.15.10	Kacy Hillman	208
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
Nutrient Export	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.
	Rating	<b>Criteria (check the one that applies)</b>
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
Riparian Support	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.13	= 57.85



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	672+00	Ending Station	672+00	Side of Road	L			
Acres	0.0005	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	209					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage.	<input type="checkbox"/>
		Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	7	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b>	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions <b>OR</b>	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion <b>OR</b>	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b>	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b>	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b>	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b>	<input checked="" type="checkbox"/>
		has moderate water level fluctuations <b>OR</b>	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		7		84
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					454
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
454.00		0.001		<b>0.23</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	678+00	Ending Station	683+50	Side of Road	L			
Acreage	0.19	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	2.10					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Riparian Support	L if	Not H and not L.						
	H if	There is no perennial stream within 200 feet of the wetland.						
	MH if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input checked="" type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	7	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		7		84
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					454
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acreage</b>	<b>=</b>	<b>Functional Units</b>	
454.00		0.19		<b>86.26</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	695+50	<b>Ending Station</b>	697+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.02	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	2.11					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	7	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Function		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		7 84
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			454 Environmental Score
Environmental Score	X	Acreage	= Functional Units
454.00		0.02	= 9.08



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	708+50	<b>Ending Station</b>	711+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.21	<b>Cowardin Class</b>	PEM1B	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	2.12			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			445 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
445.00		0.21	= <b>93.45</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	711+00	<b>Ending Station</b>	714+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.3	<b>Cowardin Class</b>	PEM1B	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	214			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score		4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	H if		Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	MH if		Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score		6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	H if		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score		2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if		If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>	H if		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
Functional Score		2	Not H and not L.	<input type="checkbox"/>
	L if		Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.30	= 133.50

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	712+00	<b>Ending Station</b>	721+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.359	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	2.16			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	4	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	2	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input checked="" type="checkbox"/>
	L if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
Salmonid Habitat		Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	VH if	Primary use is for passage.	<input type="checkbox"/>
	H if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	MH if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
	ML if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
Functional Score	2	Salmonid fish cannot access the wetland at any time.	<input checked="" type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
Erosion Sensitivity		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	H if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	ML if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
Functional Score	2	Criteria (check the one that applies)	<input type="checkbox"/>
Function		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input checked="" type="checkbox"/>
Groundwater Recharge		Not H and not L.	<input type="checkbox"/>
	M if	Wetland is tidal OR is intersected by a perennial stream.	<input type="checkbox"/>
Functional Score	6	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
Surface Hydrologic Control		Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input type="checkbox"/>
	H if		<input type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	4	40
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	4	28
Riparian Support	12	2	24
Salmonid Habitat	12	2	24
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	6	54
Surface Hydrologic Control	10	6	60
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			385 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
385.00		0.36	= <b>138.22</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	714+00	Ending Station	718+00	Side of Road	R			
Acreage	0.27	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	217					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	2	Access is restricted and rearing habitat is poor quality.	<input checked="" type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		4 48
Salmonid Habitat	12		2 24
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			411 Environmental Score
Environmental Score	X	Acreage	= Functional Units
411.00		0.27	= 110.97

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	734+00	<b>Ending Station</b>	736+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.04	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	04.15.10	<b>Polygon ID</b>	219					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
Salmonid Habitat		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input checked="" type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	7	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
Erosion Sensitivity		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% OR If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Function		Rating	Criteria (check the one that applies)	
Groundwater Recharge		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Surface Hydrologic Control		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR has moderate water level fluctuations OR has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
				<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		7 84
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			454 Environmental Score
Environmental Score	X	Acreage	= Functional Units
454.00		0.04	= 18.16

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	736+00	Ending Station	737+00	Side of Road	L			
Acres	0.01	Cowardin Class	PEM1B	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	221					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	M if	Not H and not MH and not L.						
Functional Score	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Riparian Support	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		5		60
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					430
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
430.00		0.01		<b>4.30</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	737+00	Ending Station	739+00	Side of Road	L			
Acreage	0.03	Cowardin Class	PEM1B	Assessor	Kacy Hillman			
Date Assessed	04.15.10	Polygon ID	229					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		5		60
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					430
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
430.00		0.03			<b>12.90</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	213+00	Ending Station	222+50	Side of Road	L			
Acres	0.64	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.06.10	Polygon ID	5					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
	<b>Criteria (check the one that applies)</b>							
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Riparian Support	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
	<input type="checkbox"/>							
	<input type="checkbox"/>							
	<input type="checkbox"/>							

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			471 Environmental Score
Environmental Score	X	Acreage	= Functional Units
471.00		0.64	= 301.44

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	217+50	<b>Ending Station</b>	217+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.023	<b>Cowardin Class</b>	PSS1H	<b>Polygon ID</b>	7			
<b>Date Assessed</b>	05.06.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			471 Environmental Score
Environmental Score	X	Acreage	= Functional Units
471.00		0.02	= 10.83



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	219+00	<b>Ending Station</b>	219+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.025	<b>Cowardin Class</b>	PSS1H	<b>Polygon ID</b>	8			
<b>Date Assessed</b>	05.06.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	4	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		4		28
Riparian Support		12		5		60
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		4		36
Surface Hydrologic Control		10		6		60
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						471
						Environmental Score
Environmental Score	X	Acreage	=	Functional Units		
471.00		0.03		11.78		

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	219+50	Ending Station	220+00	Side of Road	L			
Acreage	0.01	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.06.10	Polygon ID	9					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
Riparian Support	H if							
Functional Score	4							
	MH if							

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input checked="" type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	6	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>		Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge		10		4	40
Sediment/Toxicant Retention		10		6	60
Nutrient Export		7		4	28
Riparian Support		12		5	60
Salmonid Habitat		12		6	72
Erosion Sensitivity		9		2	18
<b>Human Use Support Category</b>					
Groundwater Recharge		9		6	54
Surface Hydrologic Control		10		6	60
Recreational Use Potential		7		3	21
<b>Terrestrial Support Category</b>					
Wildlife Support		12		3	36
Regional Ecological Diversity		10		2	20
					469
					Environmental Score
Environmental Score	X	Acreage	=	Functional Units	
469.00		0.01		4.69	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	220+00	Ending Station	222+50	Side of Road	L			
Acres	0.09	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.06.10	Polygon ID	10					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.09	= 41.13



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	221+00	Ending Station	222+50	Side of Road	L			
Acres	0.06	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.06.10	Polygon ID	11					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		4		28
Riparian Support		12		5		60
Salmonid Habitat		12		5		60
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		4		36
Surface Hydrologic Control		10		6		60
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						459
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
459.00		0.06		<b>27.54</b>		

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	220+00	Ending Station	222+50	Side of Road	L			
Acres	0.006	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.06.10	Polygon ID	13					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.01	= 2.74

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	222+50	<b>Ending Station</b>	222+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.06.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	14			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			<u>457</u> Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.01	<b>4.57</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	223+00	<b>Ending Station</b>	223+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0007	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.06.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	15			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>				
		Not H, MH, or ML.	<input checked="" type="checkbox"/>				
<b>Environmental Score Calculation</b>							
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score				
<b>Aquatic Support Category</b>							
Groundwater Discharge	10		6				
Sediment/Toxicant Retention	10		6				
Nutrient Export	7		6				
Riparian Support	12		4				
Salmonid Habitat	12		6				
Erosion Sensitivity	9		2				
<b>Human Use Support Category</b>							
Groundwater Recharge	9		2				
Surface Hydrologic Control	10		5				
Recreational Use Potential	7		3				
<b>Terrestrial Support Category</b>							
Wildlife Support	12		3				
Regional Ecological Diversity	10		2				
<table style="margin-left: auto;"> <tr> <td style="border-top: 1px solid black;">36</td> <td style="border-top: 1px solid black;">20</td> <td style="border-top: 1px solid black;">445</td> <td style="border-top: 1px solid black;">Environmental Score</td> </tr> </table>				36	20	445	Environmental Score
36	20	445	Environmental Score				
Environmental Score	X	Acreage	=	Functional Units			
445.00		0.001		<b>0.31</b>			

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	222+50	Ending Station	222+50	Side of Road	L			
Acres	0.004	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.06.10	Polygon ID	23					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Functional Score	4	Not H and not L. There is no perennial stream within 200 feet of the wetland.						
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage.	<input checked="" type="checkbox"/>
		Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		4		28
Riparian Support	12		5		60
Salmonid Habitat	12		5		60
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		36
Surface Hydrologic Control	10		6		60
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					459
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
459.00		0.004		<b>1.84</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	222+50	<b>Ending Station</b>	222+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0004	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.06.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	24			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
Functional Score	M if	Not H and not L.						
6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
6	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
6	M if	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	There is no perennial stream within 200 feet of the wetland. <b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Functional Score	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.0004	= 0.18



Rating Score				VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	222+50	<b>Ending Station</b>	222+50	<b>Side of Road</b>	L					
<b>Acres</b>	0.0003	<b>Cowardin Class</b>	Interfluve Stream							
<b>Date Assessed</b>	05.06.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	25					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>								
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.								
	M if	Not H and not L.								
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.								
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.								
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.								
		Not H and not MH and not L.								
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.								
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.								
<b>Nutrient Export</b>	H if	Not H and not L.								
	M if	There is no perennial stream within 200 feet of the wetland.								
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>								
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.								
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>								
	MH if									

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>		
		Not H, MH, or ML.	<input checked="" type="checkbox"/>		
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score		
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		
Sediment/Toxicant Retention	10		6		
Nutrient Export	7		6		
Riparian Support	12		4		
Salmonid Habitat	12		6		
Erosion Sensitivity	9		2		
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		
Surface Hydrologic Control	10		5		
Recreational Use Potential	7		3		
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		
Regional Ecological Diversity	10		2		
<table style="margin-left: auto;"> <tr> <td style="border-top: 1px solid black;">445</td> <td style="border-top: 1px solid black;">Environmental Score</td> </tr> </table>				445	Environmental Score
445	Environmental Score				
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.0003		<b>0.13</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	222+50	Ending Station 223+00
Acres	0.01	Cowardin Class Interfluvial Stream
Date Assessed	05.06.10	Assessor Kacy Hillman
		Side of Road L, R
		Polygon ID 26
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Functional Score	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
Nutrient Export	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.
Functional Score	Rating	Criteria (check the one that applies)
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
Riparian Support	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score		X	Acreage	=	Functional Units
445.00			0.01		<b>4.45</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	228+00	Ending Station	229+00	Side of Road	L			
Acres	0.01	Cowardin Class	Interfluvial Stream					
Date Assessed	05.06.10	Assessor	Kacy Hillman	Polygon ID	32			
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6							
Function	Rating	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input checked="" type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	5	60
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			433 <b>Environmental Score</b>
Environmental Score	X	Acreage	=
433.00		0.01	= <b>4.33</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	228+50	<b>Ending Station</b>	228+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.06.10	<b>Polygon ID</b>	34					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input checked="" type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		60
Sediment/Toxicant Retention	10		60
Nutrient Export	7		42
Riparian Support	12		48
Salmonid Habitat	12		60
Erosion Sensitivity	9		18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		18
Surface Hydrologic Control	10		50
Recreational Use Potential	7		21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		36
Regional Ecological Diversity	10		20
			433
			<b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
433.00		0.001	<b>0.43</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	228+50	Ending Station	229+00	Side of Road	L			
Acres	0.01	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.06.10	Polygon ID	35					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	6	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			471 Environmental Score
Environmental Score	X	Acreage	= Functional Units
471.00		0.01	4.71

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	229+00	<b>Ending Station</b>	229+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0002	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	36					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					469
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
469.00		0.0002			<b>0.09</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	229+00	<b>Ending Station</b>	229+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	37					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					469
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
469.00		0.001		<b>0.47</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	228+00	<b>Ending Station</b>	229+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	38			
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
		Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.			<input type="checkbox"/>
		L if	Not H, MH, or ML.			<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		6		42
Riparian Support		12		5		60
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						457
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
457.00		0.01		<b>4.57</b>		

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	239+00	<b>Ending Station</b>	240+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.02	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	47					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input checked="" type="checkbox"/>
	ML if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	3	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Function</b>			
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Functional Score	2	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	H if		<input type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		3 27
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			436 Environmental Score
Environmental Score	X	Acreage	= Functional Units
436.00		0.02	= 8.72



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	240+50	<b>Ending Station</b>	240+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	51			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>												
		Not H, MH, or ML.	<input checked="" type="checkbox"/>												
<b>Environmental Score Calculation</b>															
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score												
<b>Aquatic Support Category</b>															
Groundwater Discharge	10		6												
Sediment/Toxicant Retention	10		3												
Nutrient Export	7		6												
Riparian Support	12		4												
Salmonid Habitat	12		6												
Erosion Sensitivity	9		5												
<b>Human Use Support Category</b>															
Groundwater Recharge	9		2												
Surface Hydrologic Control	10		5												
Recreational Use Potential	7		3												
<b>Terrestrial Support Category</b>															
Wildlife Support	12		3												
Regional Ecological Diversity	10		2												
<table style="margin-left: auto;"> <tr> <td style="border-top: 1px solid black;">36</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="border-top: 1px solid black;">20</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="border-top: 1px solid black;">442</td> <td></td> <td></td> <td style="text-align: right;"><b>Environmental Score</b></td> </tr> </table>				36				20				442			<b>Environmental Score</b>
36															
20															
442			<b>Environmental Score</b>												
Environmental Score	X	Acreage	=	Functional Units											
442.00		0.001		<b>0.44</b>											

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	240+50	<b>Ending Station</b>	240+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.03	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	52					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	5	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	4	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		5		50
Nutrient Export	7		4		28
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		3		27
<b>Human Use Support Category</b>					
Groundwater Recharge	9		4		36
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					460
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
460.00		0.03		<b>13.80</b>	

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
Beginning Station	240+50	Ending Station	240+50
Acres	0.001	Cowardin Class	PEM1H
Date Assessed	05.07.10	Assessor	Kacy Hillman
		Side of Road	L
		Polygon ID	54
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Nutrient Export	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
	M if	Not H and not L.	
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.	
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>				
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>= Raw Weighted Score</b>
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				454
				<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acreage</b>	<b>=</b>	<b>Functional Units</b>
454.00		0.001		<b>0.45</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
Beginning Station	240+50	Ending Station	240+50
Acres	0.007	Cowardin Class	Interfluve Stream
Date Assessed	05.07.10	Assessor	Kacy Hillman
		Side of Road	L,R
		Polygon ID	56
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Nutrient Export	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
	M if	Not H and not L.	
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.	
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.01		<b>3.20</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	245+00	<b>Ending Station</b>	245+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	61					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					469
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
469.00		0.003		<b>1.41</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	249+00	<b>Ending Station</b>	249+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	62			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.003	1.37

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	246+00	<b>Ending Station</b>	246+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	63			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.				<input type="checkbox"/>
		L if	Not H, MH, or ML.				<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>							
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score	
<b>Aquatic Support Category</b>							
Groundwater Discharge		10		6		60	
Sediment/Toxicant Retention		10		6		60	
Nutrient Export		7		6		42	
Riparian Support		12		6		72	
Salmonid Habitat		12		6		72	
Erosion Sensitivity		9		2		18	
<b>Human Use Support Category</b>							
Groundwater Recharge		9		2		18	
Surface Hydrologic Control		10		5		50	
Recreational Use Potential		7		3		21	
<b>Terrestrial Support Category</b>							
Wildlife Support		12		3		36	
Regional Ecological Diversity		10		2		20	
						469	
<b>Environmental Score</b>							
Environmental Score	X	Acreage	=	Functional Units			
469.00		0.001		<b>0.47</b>			



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	248+50	<b>Ending Station</b>	248+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0004	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	65			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.0004			<b>0.18</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	248+50	<b>Ending Station</b>	248+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	66			
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.01		<b>4.45</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	248+50	<b>Ending Station</b>	248+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	67					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
457.00		0.001		<b>0.46</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	248+50	<b>Ending Station</b>	248+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0002	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	68					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
		Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
		Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	L if	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	H if		Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	MH if		Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	L if	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	H if		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if		Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
			Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	L if	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>	<b>Rating</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>	H if		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if		Not H and not L.	<input type="checkbox"/>
Functional Score	L if	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
				<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
457.00		0.0002		<b>0.09</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	248+50	<b>Ending Station</b>	248+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0005	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	69			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
457.00		0.001		<b>0.23</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	293+00	<b>Ending Station</b>	293+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	81			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					442
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
442.00		0.01		<b>4.42</b>	

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
Beginning Station	314+50	Ending Station	314+50
Acres	0.01	Cowardin Class	Interfluvial Stream
Date Assessed	05.07.10	Assessor	Kacy Hillman
		Side of Road	L, R
		Polygon ID	86
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Nutrient Export	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
	M if	Not H and not L.	
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.	
	Rating	Criteria (check the one that applies)	
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR		

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	<input type="checkbox"/>	
		L if	Not H, MH, or ML.	<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					466
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
466.00		0.01		<b>4.66</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	318+50	<b>Ending Station</b>	318+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0002	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	89			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					463
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
463.00		0.0002		<b>0.09</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	318+00	<b>Ending Station</b>	318+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.0002	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	90			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if							

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
	L if	Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			463 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
463.00		0.0002	= <b>0.09</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	317+50	<b>Ending Station</b>	317+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	91					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within its annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within its annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					478
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
478.00		0.001		<b>0.48</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	317+50	<b>Ending Station</b>	318+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	92					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			478 Environmental Score
Environmental Score	X	Acreage	= Functional Units
478.00		0.01	<b>4.78</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	318+50	<b>Ending Station</b>	318+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	93			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.				<input type="checkbox"/>
		L if	Not H, MH, or ML.				<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>							
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score	
<b>Aquatic Support Category</b>							
Groundwater Discharge		10		6		60	
Sediment/Toxicant Retention		10		6		60	
Nutrient Export		7		6		42	
Riparian Support		12		6		72	
Salmonid Habitat		12		6		72	
Erosion Sensitivity		9		2		18	
<b>Human Use Support Category</b>							
Groundwater Recharge		9		2		18	
Surface Hydrologic Control		10		5		50	
Recreational Use Potential		7		6		42	
<b>Terrestrial Support Category</b>							
Wildlife Support		12		3		36	
Regional Ecological Diversity		10		2		20	
						490	
						<b>Environmental Score</b>	
Environmental Score	X	Acreage	=	Functional Units			
490.00		0.001		<b>0.49</b>			

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	317+50	<b>Ending Station</b>	317+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.002	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	94					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	L if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
<b>Riparian Support</b>	H if							
Functional Score	6							
	L if							



			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			if stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input checked="" type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	6			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input checked="" type="checkbox"/>

Functional Score	5	ML if The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	<input type="checkbox"/>	
		L if Not H, MH, or ML.	<input type="checkbox"/>	
<b>Environmental Score Calculation</b>				
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score	
<b>Aquatic Support Category</b>				
Groundwater Discharge	10	6	60	
Sediment/Toxicant Retention	10	6	60	
Nutrient Export	7	6	42	
Riparian Support	12	4	48	
Salmonid Habitat	12	6	72	
Erosion Sensitivity	9	2	18	
<b>Human Use Support Category</b>				
Groundwater Recharge	9	2	18	
Surface Hydrologic Control	10	5	50	
Recreational Use Potential	7	6	42	
<b>Terrestrial Support Category</b>				
Wildlife Support	12	6	72	
Regional Ecological Diversity	10	5	50	
			532 <b>Environmental Score</b>	
Environmental Score	X	Acreage	=	Functional Units
532.00		0.002		<b>1.06</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	317+50	Ending Station	317+50	Side of Road	L			
Acres	0.004	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	95					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
Recreational Use Potential		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.			<input type="checkbox"/>
		L if	Not H, MH, or ML.			<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		6		42
Riparian Support		12		6		72
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		6		42
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						490
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
490.00		0.004		<b>1.96</b>		



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	317+50	<b>Ending Station</b>	317+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	96					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	L if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	6			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input checked="" type="checkbox"/>

Functional Score	5	ML if The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	<input type="checkbox"/>
		L if Not H, MH, or ML.	<input type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	6	42
<b>Terrestrial Support Category</b>			
Wildlife Support	12	6	72
Regional Ecological Diversity	10	5	50
			532
			<b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
532.00		0.001	<b>0.53</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	317+50	<b>Ending Station</b>	317+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.004	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	97					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		6		42
Riparian Support		12		5		60
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		6		42
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						478
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
478.00		0.004		1.91		

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	318+00	<b>Ending Station</b>	318+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	98					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	6			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input checked="" type="checkbox"/>

Functional Score	5	ML if The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	<input type="checkbox"/>
		L if Not H, MH, or ML.	<input type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	6	42
<b>Terrestrial Support Category</b>			
Wildlife Support	12	6	72
Regional Ecological Diversity	10	5	50
			532 Environmental Score
Environmental Score	X	Acreage	= Functional Units
532.00		0.001	= 0.53

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	318+00	Ending Station	318+00	Side of Road	L			
Acres	0.004	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	99					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			478 Environmental Score
Environmental Score	X	Acreage	= Functional Units
478.00		0.004	1.91

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	318+00	Ending Station	318+00	Side of Road	L			
Acres	0.003	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	100					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6
Sediment/Toxicant Retention	10		6
Nutrient Export	7		6
Riparian Support	12		5
Salmonid Habitat	12		6
Erosion Sensitivity	9		2
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2
Surface Hydrologic Control	10		5
Recreational Use Potential	7		6
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3
Regional Ecological Diversity	10		2
			36
			20
			478
			<b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
478.00		0.003	<b>1.43</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	318+00	Ending Station	318+00	Side of Road	L			
Acres	0.003	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	101					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	6			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input checked="" type="checkbox"/>

Functional Score	5	ML if The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	<input type="checkbox"/>
		L if Not H, MH, or ML.	<input type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	6	72
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	6	42
<b>Terrestrial Support Category</b>			
Wildlife Support	12	6	72
Regional Ecological Diversity	10	5	50
			556 Environmental Score
Environmental Score	X	Acreage	= Functional Units
556.00		0.003	1.67

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	318+50	<b>Ending Station</b>	318+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	R3OW	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	102					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input checked="" type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	6			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input checked="" type="checkbox"/>

Functional Score	5	ML if The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	<input type="checkbox"/>
		L if Not H, MH, or ML.	<input type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>
=			
<b>Raw Weighted Score</b>			
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	4	48
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	6	42
<b>Terrestrial Support Category</b>			
Wildlife Support	12	6	72
Regional Ecological Diversity	10	5	50
			532
			<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>Functional Units</b>
532.00		0.00	<b>1.60</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	318+50	<b>Ending Station</b>	318+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	103					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	ML if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
Recreational Use Potential		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
Function		Rating	Criteria (check the one that applies)	
Wildlife Support		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
Regional Ecological Diversity		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					490
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
490.00		0.003		1.47	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station	Ending Station	Side of Road	
319+00	319+00	L	
Acres	Cowardin Class	Interfluve Stream	
0.01	Assessor	Kacy Hillman	Polygon ID 104
Date Assessed	05.07.10		
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Functional Score	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
Nutrient Export	M if	Not H and not L.	
	L if	There is no perennial stream within 200 feet of the wetland.	
Functional Score	Rating	Criteria (check the one that applies)	
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
Riparian Support	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					490
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
490.00		0.01		<b>4.90</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	324+50	<b>Ending Station</b>	325+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	106			
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		6 42
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			478 Environmental Score
Environmental Score	X	Acreage	= Functional Units
478.00		0.01	4.78

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	350+00	<b>Ending Station</b>	350+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	112					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
Functional Score	6	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		6		42
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					478
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
478.00		0.01		<b>4.78</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	366+50	<b>Ending Station</b>	366+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	116					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	6	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	6	60
Nutrient Export	7	6	42
Riparian Support	12	5	60
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	2	18
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			457 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
457.00		0.01	<b>4.57</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	369+00	<b>Ending Station</b>	369+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream					
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	118			
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
Functional Score	2	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>								
		Not H, MH, or ML.	<input checked="" type="checkbox"/>								
<b>Environmental Score Calculation</b>											
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score								
<b>Aquatic Support Category</b>											
Groundwater Discharge	10		6								
Sediment/Toxicant Retention	10		2								
Nutrient Export	7		6								
Riparian Support	12		4								
Salmonid Habitat	12		6								
Erosion Sensitivity	9		5								
<b>Human Use Support Category</b>											
Groundwater Recharge	9		2								
Surface Hydrologic Control	10		5								
Recreational Use Potential	7		3								
<b>Terrestrial Support Category</b>											
Wildlife Support	12		3								
Regional Ecological Diversity	10		2								
<table style="margin-left: auto;"> <tr> <td style="border: none;">36</td> <td style="border: none;">20</td> <td style="border: none;">432</td> <td style="border: none;">Environmental Score</td> </tr> <tr> <td colspan="3" style="border: none; text-align: center;">_____</td> <td style="border: none;"></td> </tr> </table>				36	20	432	Environmental Score	_____			
36	20	432	Environmental Score								
_____											
Environmental Score	X	Acreage	=	Functional Units							
432.00		0.01		<b>4.32</b>							

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	382+00	<b>Ending Station</b>	382+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.004	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	121			
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.004		<b>1.78</b>	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	420+00	<b>Ending Station</b>	420+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	126			
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.01		<b>4.57</b>	

134		Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station 483+00		Ending Station 483+50	
Acres 0.01		Cowardin Class Interfluvial Stream	
Date Assessed 05.07.10		Assessor Kacy Hillman	
		Side of Road L, R	
		Polygon ID 134	
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
Nutrient Export	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.01	4.45

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	512+50	Ending Station	514+50	Side of Road	L			
Acreage	0.11	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	145					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	4	<b>Criteria (check the one that applies)</b>						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	4	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input checked="" type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		5 60
Salmonid Habitat	12		5 60
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			459 Environmental Score
Environmental Score	X	Acreage	= Functional Units
459.00		0.11	50.49

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	514+50	<b>Ending Station</b>	518+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.27	<b>Cowardin Class</b>	PEM1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	146					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	L if	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	There is no perennial stream within 200 feet of the wetland. Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.27	= 123.39

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
<b>Beginning Station</b>	518+50	<b>Ending Station</b>	522+00
<b>Acres</b>	0.455	<b>Cowardin Class</b>	PEM1H
<b>Date Assessed</b>	05.07.10	<b>Assessor</b>	Kacy Hillman
		<b>Side of Road</b>	L
		<b>Polygon ID</b>	147
Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Functional Score	6	Wetland gradient is greater than 7%.	
		Wetland is tidal OR Wetland is intersected by a perennial stream.	
<b>Nutrient Export</b>	H if	Not H and not L.	
	M if	There is no perennial stream within 200 feet of the wetland.	
Functional Score	4	<b>Criteria (check the one that applies)</b>	
		Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	
	MH if		

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
Functional Score	4	Not H and not L.	<input checked="" type="checkbox"/>
	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		4 28
Riparian Support	12		6 72
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		4 36
Surface Hydrologic Control	10		6 60
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			483 Environmental Score
Environmental Score	X	Acreage	= Functional Units
483.00		0.46	= 219.77

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	518+00	Ending Station	520+00	Side of Road	L			
Acres	0.01	Cowardin Class	Interfluvial Stream	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	148					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Riparian Support	L if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b>	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
				<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.01		<b>4.57</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	529+00	<b>Ending Station</b>	529+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	151					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.				<input type="checkbox"/>
		L if	Not H, MH, or ML.				<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>							
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score	
<b>Aquatic Support Category</b>							
Groundwater Discharge		10		6		60	
Sediment/Toxicant Retention		10		6		60	
Nutrient Export		7		6		42	
Riparian Support		12		5		60	
Salmonid Habitat		12		6		72	
Erosion Sensitivity		9		2		18	
<b>Human Use Support Category</b>							
Groundwater Recharge		9		2		18	
Surface Hydrologic Control		10		5		50	
Recreational Use Potential		7		3		21	
<b>Terrestrial Support Category</b>							
Wildlife Support		12		3		36	
Regional Ecological Diversity		10		2		20	
						457	
<b>Environmental Score</b>							
Environmental Score	X	Acreage	=	Functional Units			
457.00		0.001		<b>0.46</b>			

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	529+00	Ending Station	530+50	Side of Road	L			
Acres	0.03	Cowardin Class	PSS1H	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	152					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		6 72
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			469 Environmental Score
Environmental Score	X	Acreage	= Functional Units
469.00		0.03	14.07

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	529+00	<b>Ending Station</b>	530+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.0004	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	153					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>						
		Not H, MH, or ML.	<input checked="" type="checkbox"/>						
<b>Environmental Score Calculation</b>									
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score						
<b>Aquatic Support Category</b>									
Groundwater Discharge	10		6						
Sediment/Toxicant Retention	10		6						
Nutrient Export	7		6						
Riparian Support	12		5						
Salmonid Habitat	12		6						
Erosion Sensitivity	9		2						
<b>Human Use Support Category</b>									
Groundwater Recharge	9		2						
Surface Hydrologic Control	10		5						
Recreational Use Potential	7		3						
<b>Terrestrial Support Category</b>									
Wildlife Support	12		3						
Regional Ecological Diversity	10		2						
<table style="margin-left: auto;"> <tr> <td style="border: none;">36</td> <td style="border: none;">Environmental Score</td> </tr> <tr> <td style="border: none;">20</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">457</td> <td style="border: none;"></td> </tr> </table>				36	Environmental Score	20	_____	457	
36	Environmental Score								
20	_____								
457									
Environmental Score	X	Acreage	=	Functional Units					
457.00		0.0004		<b>0.18</b>					

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	531+50	Ending Station 531+50 Side of Road L, R
Acres	0.01	Cowardin Class Interfluvial Stream
Date Assessed	05.07.10	Assessor Kacy Hillman Polygon ID 155
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Nutrient Export	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
	M if	Not H and not L.
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.01	4.45

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	568+00	Ending Station	568+00	Side of Road	L			
Acres	0.001	Cowardin Class	Interfluvial Stream	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	161					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	M if	Not H and not MH and not L.						
Functional Score	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Riparian Support	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
	ML if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
Functional Score	5	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Function</b>			
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			454 Environmental Score
Environmental Score	X	Acreage	= Functional Units
454.00		0.001	= 0.45

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	568+00	Ending Station	569+50	Side of Road	L			
Acreage	0.02	Cowardin Class	PEM1H	Assessor	Kacy Hillman			
Date Assessed	05.07.10	Polygon ID	162					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.02	= 9.14

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	569+50	Ending Station 569+50 Side of Road L
Acres	0.001	Cowardin Class Interfluvial Stream
Date Assessed	05.07.10	Assessor Kacy Hillman Polygon ID 163
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Nutrient Export	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
Riparian Support	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.
Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
457.00		0.001		<b>0.46</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	568+00	Ending Station 569+50 Side of Road L
Acres	0.02	Cowardin Class Interfluvial Stream
Date Assessed	05.07.10	Assessor Kacy Hillman Polygon ID 165
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
Sediment Toxicant Retention	M if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	L if	Not H and not MH and not L.
	H if	Wetland gradient is greater than 7%.
	MH if	Wetland is tidal OR Wetland is intersected by a perennial stream.
Nutrient Export	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.
	H if	Criteria (check the one that applies)
	MH if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
Riparian Support	M if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR
	H if	
	L if	
	MH if	

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input checked="" type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			442 Environmental Score
Environmental Score	X	Acreage	= Functional Units
442.00		0.02	= 8.84

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	589+00	<b>Ending Station</b>	589+00	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.07.10	<b>Polygon ID</b>	171					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		Primary use is for passage.	<input type="checkbox"/>
		Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
		Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
Functional Score	2	Not H and not L.	<input type="checkbox"/>
		Wetland is tidal OR	<input type="checkbox"/>
		is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
		Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					402
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
402.00		0.01		<b>4.02</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	606+50	<b>Ending Station</b>	606+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	175					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
<b>Environmental Score</b>					<b>457</b>
<b>Environmental Score Calculation Summary</b>					
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.01		4.57	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	647+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.01	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	180					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.01		<b>4.57</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	642+00	<b>Ending Station</b>	642+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.002	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	182					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
457.00		0.002		<b>0.91</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
<b>Beginning Station</b>	642+00	<b>Ending Station</b>	645+50
<b>Acres</b>	0.056	<b>Cowardin Class</b>	PEM1H
<b>Date Assessed</b>	05.10.10	<b>Assessor</b>	Kacy Hillman
		<b>Side of Road</b>	L
		<b>Polygon ID</b>	183
Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Functional Score	6	Wetland gradient is greater than 7%.	
		Wetland is tidal OR Wetland is intersected by a perennial stream.	
<b>Nutrient Export</b>	H if	Not H and not L.	
	M if	There is no perennial stream within 200 feet of the wetland.	
Functional Score	6	<b>Criteria (check the one that applies)</b>	
		Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	
	MH if		

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b>	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b>	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b>	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b>	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b>	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
				<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		6 72
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			469 Environmental Score
Environmental Score	X	Acreage	= Functional Units
469.00		0.06	= 26.26

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	645+50	Ending Station 645+50 Side of Road L
Acres	0.001	Cowardin Class Interfluvial Stream
Date Assessed	05.10.10	Assessor Kacy Hillman Polygon ID 184
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Nutrient Export	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
	M if	Not H and not L.
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.001		<b>0.46</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	645+50	<b>Ending Station</b>	645+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.004	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	186					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	3	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					454
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
454.00		0.004		<b>1.82</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	647+50	<b>Side of Road</b>	L			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	187					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acres</b>	<b>=</b>	<b>Functional Units</b>	
457.00		0.001		<b>0.46</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	653+00	<b>Ending Station</b>	653+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.11	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	188					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b> EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		6 72
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			469 Environmental Score
Environmental Score	X	Acreage	= Functional Units
469.00		0.11	51.59

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	651+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.04	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	192			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					Environmental Score
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.04		18.28	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	647+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	193			
<b>Date Assessed</b>	05.10.10	<b>Assessor</b>	Kacy Hillman					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 Environmental Score
Environmental Score	X	Acreage	= Functional Units
457.00		0.001	= 0.46

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	647+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Assessor</b>	Kacy Hillman	<b>Polygon ID</b>	194			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					469
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
469.00		0.003		1.41	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	647+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.002	<b>Cowardin Class</b>	PSSIE	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	195					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		6 72
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			469 Environmental Score
Environmental Score	X	Acreage	= Functional Units
469.00		0.002	= 0.94

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	649+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.03	<b>Cowardin Class</b>	PSSIE	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	197					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					469
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
469.00		0.03		14.07	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	649+50	<b>Ending Station</b>	649+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	198					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if		Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	L if	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	H if		Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	MH if		Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if		Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	L if	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if		Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	H if		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if		Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	L if	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>	<b>Rating</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>	H if		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if		Not H and not L.	<input type="checkbox"/>
Functional Score	L if	2	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if		Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					469
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
469.00		0.001		<b>0.47</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7	
Beginning Station	Ending Station	Side of Road	
Acres	Cowardin Class		
Date Assessed	Assessor	Polygon ID	
649+50	650+00	R	
0.005	PSSIE		
05.10.10	Kacy Hillman	199	
Function	Rating	Criteria (check the one that applies)	
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	ML if	Not H and not MH and not L.	
Functional Score	L if	Wetland gradient is greater than 7%.	
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	
Nutrient Export	M if	Not H and not L.	
	L if	There is no perennial stream within 200 feet of the wetland.	
Function	Rating	Criteria (check the one that applies)	
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR	

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					469
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
469.00		0.01		<b>2.35</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	650+00	<b>Ending Station</b>	650+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	PSSIE	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	200					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		3		30
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					454
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
454.00		0.001		<b>0.45</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	Ending Station	Side of Road
649+50	652+00	L
Acreage	Cowardin Class	
0.13	n/a, Rootwad	
Date Assessed	Assessor	Polygon ID
05.10.10	Kacy Hillman	201
Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.
Functional Score	6	
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
	M if	Not H and not L.
	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
Functional Score	6	
Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					457
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
457.00		0.13		<b>59.41</b>	

Rating Score		VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7
Beginning Station	651+50	Ending Station 651+50
Acres	0.001	Cowardin Class Interfluvial Stream
Date Assessed	05.10.10	Assessor Kacy Hillman
		Side of Road R
		Polygon ID 203
Function	Rating	Criteria (check the one that applies)
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Nutrient Export	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
	M if	Not H and not L.
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.
	H if	Criteria (check the one that applies) Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			457 <b>Environmental Score</b>
Environmental Score	X	Acreage	= Functional Units
457.00		0.001	= <b>0.46</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	653+00	<b>Ending Station</b>	653+00	<b>Side of Road</b>	L			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	PSS1H	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	204					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		6		60
Nutrient Export	7		6		42
Riparian Support	12		4		48
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		2		18
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		5		50
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					445
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
445.00		0.003		<b>1.34</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	654+00	<b>Ending Station</b>	655+00	<b>Side of Road</b>	R			
<b>Acres</b>	0.003	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	206			
<b>Date Assessed</b>	05.10.10	<b>Assessor</b>	Kacy Hillman					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Riparian Support</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.			<input type="checkbox"/>
		L if	Not H, MH, or ML.			<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		6		60
Nutrient Export		7		6		42
Riparian Support		12		5		60
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		2		18
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		5		50
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						457
<b>Environmental Score</b>						
Environmental Score	X	Acreage	=	Functional Units		
457.00		0.003		1.37		

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	710+50	<b>Ending Station</b>	711+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.02	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	2.13			
<b>Date Assessed</b>	05.10.10	<b>Assessor</b>	Kacy Hillman					
Function	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	Criteria (check the one that applies)						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	5	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		3 30
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		5 45
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			442 Environmental Score
Environmental Score	X	Acreage	= Functional Units
442.00		0.02	<b>8.84</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	712+50	<b>Ending Station</b>	712+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	2.15					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	L if	<b>Criteria (check the one that applies)</b>						
	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	MH if		<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>						
		Not H, MH, or ML.	<input checked="" type="checkbox"/>						
<b>Environmental Score Calculation</b>									
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score						
<b>Aquatic Support Category</b>									
Groundwater Discharge	10		6						
Sediment/Toxicant Retention	10		6						
Nutrient Export	7		6						
Riparian Support	12		5						
Salmonid Habitat	12		6						
Erosion Sensitivity	9		2						
<b>Human Use Support Category</b>									
Groundwater Recharge	9		2						
Surface Hydrologic Control	10		5						
Recreational Use Potential	7		3						
<b>Terrestrial Support Category</b>									
Wildlife Support	12		3						
Regional Ecological Diversity	10		2						
<table style="margin-left: auto;"> <tr> <td style="border: none;">36</td> <td style="border: none;">Environmental Score</td> </tr> <tr> <td style="border: none;">20</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">457</td> <td style="border: none;">_____</td> </tr> </table>				36	Environmental Score	20	_____	457	_____
36	Environmental Score								
20	_____								
457	_____								
Environmental Score	X	Acreage	=	Functional Units					
457.00		0.001		<b>0.46</b>					

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	734+00	<b>Ending Station</b>	736+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.04	<b>Cowardin Class</b>	Upland	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	218					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
Functional Score	M if	Not H and not L.						
6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
2	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
6	M if	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	There is no perennial stream within 200 feet of the wetland. <b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Functional Score	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
6								

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.				<input type="checkbox"/>
		L if	Not H, MH, or ML.				<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>							
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score	
<b>Aquatic Support Category</b>							
Groundwater Discharge		10		6		60	
Sediment/Toxicant Retention		10		2		20	
Nutrient Export		7		6		42	
Riparian Support		12		5		60	
Salmonid Habitat		12		6		72	
Erosion Sensitivity		9		2		18	
<b>Human Use Support Category</b>							
Groundwater Recharge		9		2		18	
Surface Hydrologic Control		10		5		50	
Recreational Use Potential		7		3		21	
<b>Terrestrial Support Category</b>							
Wildlife Support		12		3		36	
Regional Ecological Diversity		10		2		20	
						417	
						Environmental Score	
Environmental Score	X	Acreage	=	Functional Units			
417.00		0.04		16.68			

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	733+00	Ending Station	736+00	Side of Road	L			
Acreage	0.34	Cowardin Class	R3OW	Assessor	Kacy Hillman			
Date Assessed	05.10.10	Polygon ID	220					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

			Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
		M if	Not H and not L and not MH.	<input checked="" type="checkbox"/>
Functional Score	4	L if	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
		H if	Good habitat for anad. salmonid rearing and/or spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
		MH if	Primary use is for passage.	<input type="checkbox"/>
			Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
		ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
			Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	L if	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
		VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
		MH if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
		ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
			If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	2	L if	Contains slope angles generally less than 3% OR	<input checked="" type="checkbox"/>
			If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
			Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
			has a slope of mostly less than 7%.	<input type="checkbox"/>
		M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	L if	Wetland is tidal OR	<input type="checkbox"/>
			is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
			Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
			has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
		MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
			has moderate water level fluctuations OR	<input type="checkbox"/>
			has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		6 60
Nutrient Export	7		6 42
Riparian Support	12		4 48
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		2 18
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		5 50
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			445 Environmental Score
Environmental Score	X	Acreage	= Functional Units
445.00		0.34	= 151.30

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	736+50	<b>Ending Station</b>	736+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	222					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
Functional Score	M if	Not H and not L.						
6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
2	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
6	M if	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	There is no perennial stream within 200 feet of the wetland. <b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Functional Score	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
6								

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input checked="" type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>





Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	2	20
Nutrient Export	7	6	42
Riparian Support	12	5	60
Salmonid Habitat	12	6	72
Erosion Sensitivity	9	3	27
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	3	36
Regional Ecological Diversity	10	2	20
			426
			Environmental Score
Environmental Score	X	Acreage	=
426.00		0.001	=
			<b>Functional Units 0.43</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	736+50	Ending Station	373+00	Side of Road	R			
Acres	0.01	Cowardin Class	Upland	Assessor	Kacy Hillman			
Date Assessed	05.10.10	Polygon ID	223					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Sediment Toxicant Retention	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Nutrient Export	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						
Functional Score	6	Criteria (check the one that applies)						
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing <b>AND</b> spawning <b>AND</b> documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.	<input checked="" type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	H if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	MH if		<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>
<b>Environmental Score Calculation</b>			
<b>Functional Category</b>	Weighting Factor	X	Functional Score = Raw Weighted Score
<b>Aquatic Support Category</b>			
Groundwater Discharge	10		6 60
Sediment/Toxicant Retention	10		2 20
Nutrient Export	7		6 42
Riparian Support	12		5 60
Salmonid Habitat	12		6 72
Erosion Sensitivity	9		3 27
<b>Human Use Support Category</b>			
Groundwater Recharge	9		2 18
Surface Hydrologic Control	10		2 20
Recreational Use Potential	7		3 21
<b>Terrestrial Support Category</b>			
Wildlife Support	12		3 36
Regional Ecological Diversity	10		2 20
			396 Environmental Score
Environmental Score	X	Acreage	= Functional Units
396.00		0.01	3.96

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	736+50	<b>Ending Station</b>	740+50	<b>Side of Road</b>	L, R			
<b>Acres</b>	0.07	<b>Cowardin Class</b>	Interfluvial Stream	<b>Assessor</b>	Kacy Hillman			
<b>Date Assessed</b>	05.10.10	<b>Polygon ID</b>	224					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	L if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
<b>Functional Score</b>	2	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	H if	Not H and not L.						
	M if	There is no perennial stream within 200 feet of the wetland.						
<b>Functional Score</b>	6	<b>Criteria (check the one that applies)</b>						
	L if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
	MH if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input checked="" type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	5	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input checked="" type="checkbox"/>
	MH if	ground water discharge conditions OR	<input checked="" type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	5	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		5		60
Erosion Sensitivity	9		5		45
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					402
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
402.00		0.07		28.14	



		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
	L if	Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>

Functional Score	2	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.		<input type="checkbox"/>	
		L if	Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>						
<b>Functional Category</b>		Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>						
Groundwater Discharge		10		6		60
Sediment/Toxicant Retention		10		2		20
Nutrient Export		7		6		42
Riparian Support		12		5		60
Salmonid Habitat		12		6		72
Erosion Sensitivity		9		3		27
<b>Human Use Support Category</b>						
Groundwater Recharge		9		2		18
Surface Hydrologic Control		10		2		20
Recreational Use Potential		7		3		21
<b>Terrestrial Support Category</b>						
Wildlife Support		12		3		36
Regional Ecological Diversity		10		2		20
						396
						<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units		
396.00		0.001		<b>0.40</b>		

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	737+00	Ending Station	738+50	Side of Road	R			
Acreage	0.02	Cowardin Class	Upland	Assessor	Kacy Hillman			
Date Assessed	05.10.10	Polygon ID	226					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Nutrient Export	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
	M if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
Riparian Support	L if	Not H and not L.						
	H if	There is no perennial stream within 200 feet of the wetland.						
	MH if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	L if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	VL if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER ground water discharge conditions OR soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
	H if	If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
		ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if	Not H and not ML and not L.	<input checked="" type="checkbox"/>
		L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			<input type="checkbox"/>
<b>Regional Ecological Diversity</b>		H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	<input type="checkbox"/>
		MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	The wetland is not isolated from major forest tracts and has a forested component bordering	<input type="checkbox"/>	
		L if Not H, MH, or ML.		<input checked="" type="checkbox"/>	
<b>Environmental Score Calculation</b>					
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>=</b>	<b>Raw Weighted Score</b>
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		6		72
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		3		27
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					408
					<b>Environmental Score</b>
Environmental Score		X	Acreage	=	Functional Units
408.00			0.02		<b>8.16</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	738+50	<b>Ending Station</b>	738+50	<b>Side of Road</b>	R			
<b>Acres</b>	0.001	<b>Cowardin Class</b>	Interfluvial Stream	<b>Polygon ID</b>	227			
<b>Date Assessed</b>	05.10.10	<b>Assessor</b>	Kacy Hillman					
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
Functional Score	M if	Not H and not L.						
6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
2	ML if	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
6	M if	Not H and not L.						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Riparian Support</b>	H if	There is no perennial stream within 200 feet of the wetland. <b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
Functional Score	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>						
6								

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND spawning AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input checked="" type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	3	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		3		27
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					396
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
396.00		0.001		<b>0.40</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
Beginning Station	738+50	Ending Station	740+50	Side of Road	R			
Acres	0.03	Cowardin Class	Upland	Assessor	Kacy Hillman			
Date Assessed	05.10.10	Polygon ID	228					
Function	Rating	Criteria (check the one that applies)						
Groundwater Discharge	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.						
Sediment Toxicant Retention	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Nutrient Export	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Riparian Support	L if	There is no perennial stream within 200 feet of the wetland.						
	H if	<b>Criteria (check the one that applies)</b> Wetland is intersected by a perennial stream, or is within an annual floodplain AND EITHER alder shrub covers at least half of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank OR wetland is intersected by an ephemeral stream AND alder shrub covers more than 90% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.						
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain AND EITHER alder shrub covers at least 1% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. OR						

		Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream AND alder shrub covers more than 50% of the vegetated area or stream bank OR deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/>
	M if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland AND the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/>
<b>Salmonid Habitat</b>		Excellent habitat for anadromous salmonid rearing and/or major spawning AND documented use in both winter and summer.	<input type="checkbox"/>
	VH if	Good habitat for anad. salmonid rearing AND documented use winter and/or summer.	<input checked="" type="checkbox"/>
	H if	Primary use is for passage.	<input type="checkbox"/>
	MH if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low OR habitat is fair.	<input type="checkbox"/>
	ML if	Access is restricted but rearing habitat is at least fair OR	<input type="checkbox"/>
		Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/>
Functional Score	6	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>		Wetland contains slope angles greater than 20%.	<input checked="" type="checkbox"/>
	H if	Wetland contains slopes of 3-20% and is not dominantly forested, AND having EITHER	<input type="checkbox"/>
	MH if	ground water discharge conditions OR	<input type="checkbox"/>
		soils considered to be more physically sensitive to erosion OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested OR	<input type="checkbox"/>
		If stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/>
Functional Score	6	Contains slope angles generally less than 3% OR	<input type="checkbox"/>
	L if	If stream data are available, mean bank stability was rated 3-4.	<input type="checkbox"/>
<b>Function</b>		<b>Criteria (check the one that applies)</b>	
<b>Groundwater Recharge</b>		Wetland is not in an alluvial fan or avalanche chute, or tidal area AND	<input type="checkbox"/>
	H if	Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau OR	<input type="checkbox"/>
		has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal OR	<input type="checkbox"/>
	L if	is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>		Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream OR	<input type="checkbox"/>
	H if	Wetland is not in a mid-slope or toe-slope position and is in a floodplain OR	<input type="checkbox"/>
		has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% OR	<input type="checkbox"/>
		has moderate water level fluctuations OR	<input type="checkbox"/>
		has extensive but mild pit-mound topography.	<input type="checkbox"/>

Functional Score	2	ML if L if	Not H and not MH and not L. Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>		H if M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	3	ML if L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<b>Function</b>		<b>Rating (check the one that applies)</b>		
<b>Wildlife Support</b>		H if	Wetland is tidal <b>OR</b> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		ML if L if	Not H and not ML and not L. Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following: extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	3			
<b>Regional Ecological Diversity</b>		H if MH if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area. The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	<input type="checkbox"/> <input type="checkbox"/>



Functional Score	2	ML if a stream or pond.	<input type="checkbox"/>
		Not H, MH, or ML.	<input checked="" type="checkbox"/>

**Environmental Score Calculation**

Functional Category	Weighting Factor	X	Functional Score	=	Raw Weighted Score
<b>Aquatic Support Category</b>					
Groundwater Discharge	10		6		60
Sediment/Toxicant Retention	10		2		20
Nutrient Export	7		6		42
Riparian Support	12		5		60
Salmonid Habitat	12		6		72
Erosion Sensitivity	9		6		54
<b>Human Use Support Category</b>					
Groundwater Recharge	9		2		18
Surface Hydrologic Control	10		2		20
Recreational Use Potential	7		3		21
<b>Terrestrial Support Category</b>					
Wildlife Support	12		3		36
Regional Ecological Diversity	10		2		20
					423
					<b>Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units	
423.00		0.03		12.69	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	757+50	<b>Ending Station</b>	761+00	<b>Side of Road</b>		Left		
<b>Acreeage</b>	0.08138	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b> Stream Impacted By Footprint				
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	230							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank. ✓
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair. ✓
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	5	
	5	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input checked="" type="checkbox"/>
Functional Score		<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
	Functional Score	<b>3</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>2</b>
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>5</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>432 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
432		0.081376		<b>35.15444</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 762+00	<b>Ending Station</b> 762+00	<b>Side of Road</b> Left	
<b>Acreeage</b> 0.00013	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Wetland Impacted by Footprint	
<b>Date Assessed</b> 4/1/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 231			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
<b>Functional Score</b>	L if	Wetland gradient is greater than 7%.	<input checked="" type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Nutrient Export</b>	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	5	
	5	



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
	Functional Score	<b>3</b>
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>2</b>
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>5</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>432 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
432		0.0001292		<b>0.055795</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	763+00	<b>Ending Station</b>	767+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.09967	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	232							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	3	
<b>Regional Ecological Diversity</b>	H if	
	MH if	
	ML if	
	L if	
Functional Score	5	
<b>Ecological Replacement Cost</b>	H if	
	MH if	
	ML if	
	L if	
Functional Score	2	
		<input type="checkbox"/> Not H, MH, or ML. <input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
Functional Score	2	
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>472 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
472		0.0996723		<b>47.04531</b>



Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
<b>Beginning Station</b> 767+00	<b>Ending Station</b> 767+00	<b>Side of Road</b> Both (crosses)	
<b>Acres</b> 0.00952	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Wetland Impacted by Footprint	
<b>Date Assessed</b> 4/6/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 233			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 2	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	<input checked="" type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		2	24
Salmonid Habitat	12		3	36
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
Ecological Replacement Cost			2	
				<b>334 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
334		0.0095172		<b>3.178734</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	767+00	<b>Ending Station</b>	768+50	<b>Side of Road</b>	Left			
<b>Acres</b>	0.02397	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	234							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	6	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
Salmonid Habitat	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	5	
Functional Score	5	
	2	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	3	
Regional Ecological Diversity	H if	
	MH if	
	ML if	
	L if	
Functional Score	5	
Ecological Replacement Cost	H if	
	MH if	
	ML if	
	L if	
Functional Score	2	
		<input type="checkbox"/> Not H, MH, or ML. <input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
Functional Score	2	
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>475 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
475		0.0239691		<b>11.38533</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	777+50	<b>Ending Station</b>	777+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.00006	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	235							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	5	
	5	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<b>3</b>
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>2</b>
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>5</b>

Environmental Score Calculation														
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score										
<b>Aquatic Support Category</b>														
Groundwater Discharge	10		6	60										
Sediment/Toxicant Retention	10		2	20										
Nutrient Export	7		6	42										
Riparian Support	12		5	60										
Salmonid Habitat	12		5	60										
Erosion Sensitivity	7		5	35										
<b>Human Use Support Category</b>														
Groundwater Recharge	9		2	18										
Surface Hydrologic Control	10		2	20										
Recreational Use Potential	7		3	21										
<b>Terrestrial Support Category</b>														
Wildlife Support	12		3	36										
Regional Ecological Diversity	10		5	50										
Ecological Replacement Cost			2											
				<b>422 Environmental Score</b>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Environmental Score</th> <th style="width: 10%;">X</th> <th style="width: 10%;">Acreage</th> <th style="width: 10%;">=</th> <th style="width: 20%;">Functional Units</th> </tr> </thead> <tbody> <tr> <td>422</td> <td></td> <td>0.00006</td> <td></td> <td><b>0.024723</b></td> </tr> </tbody> </table>					Environmental Score	X	Acreage	=	Functional Units	422		0.00006		<b>0.024723</b>
Environmental Score	X	Acreage	=	Functional Units										
422		0.00006		<b>0.024723</b>										

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	779+00	<b>Ending Station</b>	781+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.00633	<b>Cowardin Class</b>	PSS1B	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	236							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
	Functional Score	3
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	4
Ecological Replacement Cost	H if	
	MH if	
	ML if	
	Functional Score	6

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		6	60
Ecological Replacement Cost			4	
				<b>458 Environmental Score</b>
<b>Environmental Score</b>				
458	X	Acres	=	<b>Functional Units</b>
		0.0063322		<b>2.900135</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	781+00	<b>Ending Station</b>	783+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.01126	<b>Cowardin Class</b>	PSS1B	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	237							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	2	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
Functional Score	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
Functional Score	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
Functional Score	VL if	Salmonid fish cannot access the wetland at any time.
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%.
Functional Score	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.	
	ML if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.	
	L if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
	Functional Score		<b>3</b>
	<b>Regional Ecological Diversity</b>		
	Functional Score		<b>6</b>
	<b>Ecological Replacement Cost</b>		
	Functional Score		<b>4</b>



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		6	60
Ecological Replacement Cost			4	
				<b>398 Environmental Score</b>
<b>Environmental Score</b>				
398	X	Acres	=	<b>Functional Units</b>
		0.0112575		<b>4.480489</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	787+00	<b>Ending Station</b>	788+50	<b>Side of Road</b>	Left			
<b>Acres</b>	0.00555	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID2</b>	238							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	2	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	3
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	2
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	5

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>432 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
432		0.0055497		<b>2.397476</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	793+00	<b>Ending Station</b>	805+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.51414	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	239							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	MH if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	
Ecological Replacement Cost	H if	
	MH if	
	ML if	
	L if	
Functional Score	4	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		2	24
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>442 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
442		0.514138		<b>227.249</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 794+50 Ending Station 797+00 Side of Road Right  
 Acreage 0.11815 Cowardin Class PEM1H Impact or Mitigation Wetland Impacted by Footprint  
 Date Assessed 4/6/2010 Assessor Maria Shepherd  
 Poly ID 240

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	M if L if	Not H and not L. Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if ML if L if	Not H and not MH and not L. Wetland gradient is greater than 7%.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	M if L if	Not H and not L. There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Erosion Sensitivity	VL if	Access is restricted and rearing habitat is poor quality.
	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input checked="" type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	
	Functional Score	2	
	Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		Functional Score	5
Ecological Replacement Cost		H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		Functional Score	4
	L if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.	
	MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.	
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.	
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
	L if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		2	24
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		2	24
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>414 Environmental Score</b>
<b>Environmental Score</b>				
414	X	Acres	=	<b>Functional Units</b>
		0.1181527		<b>48.9152</b>



Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 799+50	<b>Ending Station</b> 808+00	<b>Side of Road</b> Right	
<b>Acres</b> 0.42999	<b>Cowardin Class</b> PEM1H	<b>Impact or Mitigation</b> Wetland Impacted by Footprint	
<b>Date Assessed</b> 4/6/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 241			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 6	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 2	L if	There is no perennial stream within 200 feet of the wetland.	<input checked="" type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	L if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	
		<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	
		<input type="checkbox"/> Not H and not ML and not L.	
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
		<input checked="" type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
		<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	
		<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	
		<input type="checkbox"/> Not H, MH, or ML.	
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.	
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.	
<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.			
<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.			
<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.			
Functional Score	2		
Regional Ecological Diversity	H if		
	MH if		
	ML if		
	L if		
	H if		
	MH if		
	M if		
	ML if		
	L if		
	Functional Score	5	
Ecological Replacement Cost	H if		
	MH if		
	M if		
	ML if		
	L if		
	Functional Score	4	
	H if		
	MH if		
	M if		
	ML if		
L if			

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		2	24
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		2	24
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>397 Environmental Score</b>
<b>Summary</b>				
Environmental Score	X	Acreage	=	Functional Units
397		0.4299874		170.705

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	805+50	<b>Ending Station</b>	811+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.22686	<b>Cowardin Class</b>	PFO1C	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	242							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least one large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input checked="" type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	6	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		6	72
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
Ecological Replacement Cost			6	
				<b>445 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
445		0.2268597		100.9526

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	815+00	<b>Ending Station</b>	818+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.09938	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	243							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
	MH if	<b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	6	Not H and not L. There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	3
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	2
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	5

Environmental Score Calculation														
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score										
<b>Aquatic Support Category</b>														
Groundwater Discharge	10		6	60										
Sediment/Toxicant Retention	10		6	60										
Nutrient Export	7		6	42										
Riparian Support	12		5	60										
Salmonid Habitat	12		5	60										
Erosion Sensitivity	9		2	18										
<b>Human Use Support Category</b>														
Groundwater Recharge	9		2	18										
Surface Hydrologic Control	10		5	50										
Recreational Use Potential	7		3	21										
<b>Terrestrial Support Category</b>														
Wildlife Support	12		3	36										
Regional Ecological Diversity	10		5	50										
Ecological Replacement Cost			2											
				<b>475 Environmental Score</b>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Environmental Score</th> <th style="width: 10%;">X</th> <th style="width: 20%;">Acreage</th> <th style="width: 10%;">=</th> <th style="width: 29%;">Functional Units</th> </tr> </thead> <tbody> <tr> <td>475</td> <td></td> <td>0.0993847</td> <td></td> <td><b>47.20772</b></td> </tr> </tbody> </table>					Environmental Score	X	Acreage	=	Functional Units	475		0.0993847		<b>47.20772</b>
Environmental Score	X	Acreage	=	Functional Units										
475		0.0993847		<b>47.20772</b>										

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	817+00	<b>Ending Station</b>	820+50	<b>Side of Road</b>	Left			
<b>Acres</b>	0.17857	<b>Cowardin Class</b>	PSS1E	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	244							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	L if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input checked="" type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input checked="" type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	6	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		6	60
Ecological Replacement Cost			4	
				<b>406 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
406		0.1785735		<b>72.50083</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	831+00	<b>Ending Station</b>	832+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.03071	<b>Cowardin Class</b>	PSS1E	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	245							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	5	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%.	<input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/>
Functional Score			<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	6	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		5	60
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		6	60
Ecological Replacement Cost			4	
				<b>491 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
491		0.0307142		15.08068

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	857+00	<b>Ending Station</b>	857+50	<b>Side of Road</b>	Left			
<b>Acres</b>	0.00770	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	246							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
	MH if	<b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	H if	Wetland gradient is greater than 7%. Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Erosion Sensitivity	VL if	Access is restricted and rearing habitat is poor quality.
	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p> <p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p>
	MH if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
Functional Score	5	
Regional Ecological Diversity	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Ecological Replacement Cost	H if	Forest occupies most of the wetland <b>AND EITHER</b> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
	MH if	Forest occupies some of the wetland and peat soils are present.
	M if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <p>Soil is non-peat, and forest vegetation predominates.</p>
Functional Score	2	
	ML if	Soil is non-peat, and at least some of the wetland is forest.
	L if	Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>523 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
523		0.0077029		<b>4.028628</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 866+00	<b>Ending Station</b> 867+00	<b>Side of Road</b> Right	
<b>Acres</b> 0.02701	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Stream Impacted by Footprint	
<b>Date Assessed</b> 4/6/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 247			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if <input type="checkbox"/> L if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 6	MH if <input type="checkbox"/> ML if <input type="checkbox"/> L if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/> M if <input type="checkbox"/> L if <input type="checkbox"/>	Not H and not MH and not L. Wetland gradient is greater than 7%. Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if <input type="checkbox"/> L if <input type="checkbox"/>	Not H and not L. There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/> <input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)	
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	L if	Not H and not L and not MH.	<input type="checkbox"/>
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.	<input type="checkbox"/> <input type="checkbox"/>
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.	<input checked="" type="checkbox"/> <input type="checkbox"/>
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.	<input type="checkbox"/>
	MH if	Primary use is for passage.	<input type="checkbox"/>
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	7	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	7	Access is restricted and rearing habitat is poor quality.	<input type="checkbox"/>
<b>Erosion Sensitivity</b>	VL if	Salmonid fish cannot access the wetland at any time.	<input type="checkbox"/>
	H if	Wetland contains slope angles greater than 20%.	<input type="checkbox"/>
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	2	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.	<input checked="" type="checkbox"/> <input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	Wetland is tidal <input type="checkbox"/> OR contains or adjoins at least 1 acre of perennially ponded non-tidal water <input type="checkbox"/> OR wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
Functional Score	ML if	Not H and not ML and not L.
	L if	Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Regional Ecological Diversity	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	L if	Not H, MH, or ML.
	Ecological Replacement Cost	Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
Functional Score	MH if	Forest occupies some of the wetland and peat soils are present.
	M if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> Soil is non-peat, and forest vegetation predominates.
Functional Score	ML if	Soil is non-peat, and at least some of the wetland is forest.
	L if	Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>535 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
535		0.0270139		<b>14.45243</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	866+00	<b>Ending Station</b>	868+00	<b>Side of Road</b>	Both			
<b>Acres</b>	0.03161	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	248							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	ML if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>532 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
532		0.0316141		<b>16.8187</b>



Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
<b>Beginning Station</b> 867+00	<b>Ending Station</b> 867+00	<b>Side of Road</b> Right	
<b>Acreeage</b> 0.00023	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> New Stream Created	
<b>Date Assessed</b> 4/8/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 249			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	is either at the toe of a steep slope <b>OR</b>	<input type="checkbox"/>
	M if <input type="checkbox"/>	is on a slope greater than 15% <b>OR</b>	<input type="checkbox"/>
		is an alluvial fan or avalanche chute <b>OR</b>	<input type="checkbox"/>
		is intersected by or within 50 feet of a perennial stream.	<input checked="" type="checkbox"/>
<b>Functional Score</b> 6		Not H and not L.	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b>	<input type="checkbox"/>
	H if <input type="checkbox"/>	is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b>	<input type="checkbox"/>
	MH if <input type="checkbox"/>	is on a flat and has a slope of less than 3%	<input type="checkbox"/>
	ML if <input type="checkbox"/>	<b>OR</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>
<b>Functional Score</b> 2		Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b>	<input type="checkbox"/>
	H if <input type="checkbox"/>	Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
	M if <input type="checkbox"/>	Not H and not MH and not L.	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland gradient is greater than 7%.	<input checked="" type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	M if <input type="checkbox"/>	Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	L if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6		There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
<b>Functional Score</b>	6	
<b>Salmonid Habitat</b>		
<b>Functional Score</b>	6	
<b>Erosion Sensitivity</b>		
<b>Functional Score</b>	5	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/>
Functional Score	5	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	3	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				450
				<b>Environmental Score</b>
<b>Score X = Units</b>				
450	0.0002326			<b>0.104669</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 877+00 Ending Station 877+00 Side of Road Right  
 Acreage 0.00083 Cowardin Class R3OW Impact or Mitigation Impacted Stream Replacement  
 Date Assessed 4/15/10 Assessor Maria Shepherd

Poly ID 250

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score <u>6</u>	M if	Not H and not L.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score <u>2</u>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Nutrient Export</b>	MH if	Not H and not MH and not L.	<input type="checkbox"/>
Functional Score <u>6</u>	ML if	Wetland gradient is greater than 7%.	<input checked="" type="checkbox"/>
	L if	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	H if	Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	2	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	2	
<b>Functional Score</b>	<input type="checkbox"/> ML if <input checked="" type="checkbox"/> L if	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				403
				<b>Environmental Score</b>
<b>Score X = Units</b>				
403	0.0008329			<b>0.335644</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	867+00	<b>Ending Station</b>	867+00	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00661	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	251							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	2	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
Functional Score	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	H if	Access is restricted and rearing habitat is poor quality.
	MH if	Salmonid fish cannot access the wetland at any time.
	L if	Wetland contains slope angles greater than 20%.
	ML if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	L if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	ML if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score		<b>5</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score		<b>5</b>
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Functional Score		<b>2</b>
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>492 Environmental Score</b>
<b>Environmental Score</b>				
492	X	Acres	=	<b>Functional Units</b>
		0.0066133		<b>3.253736</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 867+00 Ending Station 868+00 Side of Road Right  
 Acreage 0.01502 Cowardin Class R3OW Impact or Mitigation New Stream Created  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 252

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<input checked="" type="checkbox"/> 5
	Regional Ecological Diversity	<input type="checkbox"/> H if <input type="checkbox"/> MH if <input type="checkbox"/> ML if
	Functional Score	<input checked="" type="checkbox"/> 2
	Ecological Replacement Cost	<input type="checkbox"/> H if <input type="checkbox"/> MH if <input type="checkbox"/> M if
	Functional Score	<input type="checkbox"/> ML if <input checked="" type="checkbox"/> L if

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				443
				<b>Environmental Score</b>
<b>Score</b>				
443	X	=	<b>Units</b>	
	0.0150201			<b>6.653882</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 868+00	<b>Ending Station</b> 868+00	<b>Side of Road</b> Right	
<b>Acreeage</b> 0.00102	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Impacted Stream Replaced and New Stream Created	
<b>Date Assessed</b> 4/6/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 253			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 6	MH if	Not H and not MH and not L.	<input type="checkbox"/>
<b>Nutrient Export</b>	ML if	Wetland gradient is greater than 7%.	<input checked="" type="checkbox"/>
	L if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 4	M if	Not H and not L.	<input checked="" type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	3	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor. Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time. Wetland contains slope angles greater than 20%.
Erosion Sensitivity	H if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	ML if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
Functional Score	2	

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	5	
Regional Ecological Diversity	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/>
Functional Score	5	
Ecological Replacement Cost	H if	Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
	MH if	Forest occupies some of the wetland and peat soils are present.
	M if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> Soil is non-peat, and forest vegetation predominates.
Functional Score	2	
Functional Score	ML if	Soil is non-peat, and at least some of the wetland is forest.
	L if	Soil is non-peat and none of the wetland is forested. <input checked="" type="checkbox"/>



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		6	72
Salmonid Habitat	12		3	36
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>501 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
501		0.0010245		<b>0.513278</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	868+00	<b>Ending Station</b>	870+00	<b>Side of Road</b>	Right			
<b>Acres</b>	0.02510	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/6/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	254							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	6	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	2	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Erosion Sensitivity	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	2	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Functional Score	2	
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		2	24
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>487 Environmental Score</b>
<b>Environmental Score</b>				
487	X		<b>Acres</b>	<b>= Functional Units</b>
			0.0250964	<b>12.22195</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	870+00	<b>Ending Station</b>	870+00	<b>Side of Road</b>	Right			
<b>Acres</b>	0.00042	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/7/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	255							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score		<b>5</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score		<b>5</b>
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Functional Score		<b>2</b>
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>53 Environmental Score</b>
<b>Environmental Score</b>				
53	X	Acres	=	<b>Functional Units</b>
		0.0004211		<b>0.02232</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 870+00 Ending Station 870+00 Side of Road Right  
 Acreage 0.00266 Cowardin Class R3OW Impact or Mitigation New Stream Created  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 256

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/>
Functional Score	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	L if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	H if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	Functional Score	<b>3</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				490
				<b>Environmental Score</b>
<b>Score</b>				
490	X	=	<b>Units</b>	
	0.0026641			<b>1.305419</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	870+00	<b>Ending Station</b>	870+00	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00091	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	257							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	7	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Erosion Sensitivity	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	2	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	L if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	H if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				490
				<b>Environmental Score</b>
<b>Score</b>				
490	X	=	<b>Units</b>	
	0.0009141			<b>0.447919</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 870+00 Ending Station 870+00 Side of Road Right  
 Acreage 0.00045 Cowardin Class R3OW Impact or Mitigation Stream Impacted by Footprint  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 258

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/>
Functional Score	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	L if



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				<b>478</b>
<b>Environmental Score</b>				
Score	X	=	Units	
478	0.0004526			<b>0.21636</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	866+00	<b>Ending Station</b>	866+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.00075	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	259							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
	MH if	<b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
Functional Score		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				451
				<b>Environmental Score</b>
<b>Score X = Units</b>				
451	0.0007499			<b>0.338211</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7

Beginning Station 870+00 Ending Station 866+00 Side of Road Left  
 Acreage 0.06792 Cowardin Class R3OW Impact or Mitigation New Stream Created  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 260

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
Regional Ecological Diversity	H if	<input checked="" type="checkbox"/> Not H, MH, or ML.
	MH if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	ML if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	L if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	L if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				424
				<b>Environmental Score</b>
<b>Score</b>				
424	X	=	<b>Units</b>	
	0.0679211			<b>28.79855</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
<b>Beginning Station</b> 871+00	<b>Ending Station</b> 871+50	<b>Side of Road</b> Right	
<b>Acreeage</b> 0.00127	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Stream Impacted by Footprint	
<b>Date Assessed</b> 4/8/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 261			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	is either at the toe of a steep slope <b>OR</b>	<input type="checkbox"/>
	M if <input type="checkbox"/>	is on a slope greater than 15% <b>OR</b>	<input checked="" type="checkbox"/>
		is an alluvial fan or avalanche chute <b>OR</b>	<input type="checkbox"/>
		is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
<b>Functional Score</b> 6		Not H and not L.	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b>	<input type="checkbox"/>
	H if <input type="checkbox"/>	is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b>	<input type="checkbox"/>
	MH if <input type="checkbox"/>	is on a flat and has a slope of less than 3%	<input type="checkbox"/>
	ML if <input type="checkbox"/>	<b>OR</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>
<b>Functional Score</b> 2		Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	M if <input type="checkbox"/>	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
		Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Functional Score</b> 6		Not H and not L.	<input type="checkbox"/>
		There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	5	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor. Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	3	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
Functional Score	2	Not H and not MH and not L. <input type="checkbox"/>
Recreational Use Potential	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
Functional Score	3	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	3	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
				394
				<b>Environmental Score</b>
<b>Score X = Units</b>				
394	0.0012661			<b>0.498838</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	872+00	<b>Ending Station</b>	872+50	<b>Side of Road</b>	Left			
<b>Acres</b>	0.01364	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/8/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	262							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.	
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	Functional Score	<b>5</b>	
	Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		L if	<input type="checkbox"/> Not H, MH, or ML.
	Functional Score	<b>3</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.	
	MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.	
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.	
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.	
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
Functional Score	<b>5</b>		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		3	30
				434
				<b>Environmental Score</b>
<b>Score</b>				
434	X	=	<b>Units</b>	
	0.0136379			<b>5.918849</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	872+50	<b>Ending Station</b>	874+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.02985	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/8/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	263							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	2	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	L if	Not H and not L and not MH.
		<input checked="" type="checkbox"/>
Functional Score		6
<b>Salmonid Habitat</b>	VH if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	H if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
		<input type="checkbox"/>
	MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
		<input type="checkbox"/> <input type="checkbox"/>
	ML if	Primary use is for passage.
		<input type="checkbox"/> <input type="checkbox"/>
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
		<input type="checkbox"/> <input type="checkbox"/>
Functional Score		6
<b>Erosion Sensitivity</b>	H if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
		<input checked="" type="checkbox"/> <input type="checkbox"/>
	VL if	Access is restricted and rearing habitat is poor quality.
		<input type="checkbox"/>
	H if	Salmonid fish cannot access the wetland at any time.
		<input type="checkbox"/>
	MH if	Wetland contains slope angles greater than 20%.
		<input type="checkbox"/>
		Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
		<input type="checkbox"/> <input type="checkbox"/>
Functional Score		3
		<input checked="" type="checkbox"/> <input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input checked="" type="checkbox"/>
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/>
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	Functional Score	<b>6</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<b>5</b>
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input checked="" type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	Functional Score	<b>3</b>
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		6	72
Regional Ecological Diversity	10		5	50
				474
				<b>Environmental Score</b>
<b>Score</b>				
474	X	=	<b>Units</b>	
	0.0298543			<b>14.15095</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	887+50	<b>Ending Station</b>	888+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.02844	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/8/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	264							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b>						
		is either at the toe of a steep slope <b>OR</b>						
		is on a slope greater than 15% <b>OR</b>						
		is an alluvial fan or avalanche chute <b>OR</b>						
		is intersected by or within 50 feet of a perennial stream.						
	M if <input type="checkbox"/>	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b>						
		is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b>						
		is on a flat and has a slope of less than 3%						
		<b>OR</b>						
		Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
		Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b>						
		Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
		Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Wetland is tidal <b>OR</b>						
		Wetland is intersected by a perennial stream.						
	M if <input type="checkbox"/>	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H, MH, or ML.
Functional Score	5	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input checked="" type="checkbox"/> <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input type="checkbox"/>
	L if	
Functional Score	3	
Ecological Replacement Cost	H if	
	MH if	
	ML if	
	L if	
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		3	30
				455
				<b>Environmental Score</b>
<b>Score</b>				
455	X	=	<b>Units</b>	
	0.0284369			<b>12.9388</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+00	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Both			
<b>Acreeage</b>	0.01746	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/8/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	265							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	6	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	5	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	
	ML if	<input type="checkbox"/> Not H and not ML and not L.	
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	Functional Score	5	
	Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		L if	<input type="checkbox"/> Not H, MH, or ML.
	Functional Score	3	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.	
	MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.	
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.	
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.	
Functional Score	5		
L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		3	30
				500
				<b>Environmental Score</b>
<b>Score X = Units</b>				
500		X	0.0174596	= <b>8.729807</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+00	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Both			
<b>Acres</b>	0.0008	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/8/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	266							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	6							
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	3							
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	6							

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	Regional Ecological Diversity	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	3	
	Ecological Replacement Cost	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	5	
Functional Score	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		3	30
				434
				<b>Environmental Score</b>
<b>Score</b>				
434	X	=	<b>Units</b>	
	0.0008003			<b>0.347309</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+00	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.01241	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/8/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	267							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Functional Score	6	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	2	
<b>Erosion Sensitivity</b>	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	3	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
		<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
		<input type="checkbox"/> Not H and not ML and not L.
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
Functional Score	MH if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		<input type="checkbox"/> Not H, MH, or ML.
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		<input type="checkbox"/> Not H, MH, or ML.
Functional Score	L if	<input type="checkbox"/> Not H and not ML and not L.
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.		
Ecological Replacement Cost	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		<input type="checkbox"/> Not H, MH, or ML.
Functional Score	ML if	<input type="checkbox"/> Not H and not ML and not L.
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.		
Functional Score	L if	<input type="checkbox"/> Not H and not ML and not L.
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		3	30
				464
				<b>Environmental Score</b>
<b>Score</b>				
464	X	=	<b>Units</b>	
	0.0124084			<b>5.757481</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 888+00 Ending Station 888+50 Side of Road Left  
 Acreage 0.0098 Cowardin Class R3OW Impact or Mitigation New Stream Created  
 Date Assessed 4/8/2010 Assessor Maria Shepherd  
 Poly ID 268

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/>
Functional Score	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	
	ML if	<input type="checkbox"/> Not H and not ML and not L.	
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	Functional Score	<b>5</b>	
	Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<b>3</b>	
	Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
MH if		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.	
M if		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.	
ML if		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.	
L if		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
Functional Score	<b>5</b>		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		3	30
				503
<b>Environmental Score</b>				
Score	X	=	Units	
503	0.0098017		4.930254	

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 888+00	<b>Ending Station</b> 888+50	<b>Side of Road</b> Right	
<b>Acreeage</b> 0.00458	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> New Stream Created	
<b>Date Assessed</b> 4/15/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 269			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	<input type="checkbox"/>
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 6	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Erosion Sensitivity	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	4

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	
			<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
			<input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	5	Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.	
	MH if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.	
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.	
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
			<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
			<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
Functional Score	2	Soil is non-peat, and forest vegetation predominates.	
Ecological Replacement Cost	H if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.	
	MH if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
Functional Score	2		



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				500
				<b>Environmental Score</b>
<b>Score X = Units</b>				
500	0.0045769			<b>2.288463</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Both			
<b>Acreeage</b>	0.00749	<b>Cowardin Class</b>	PEM1B	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	270							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
				404
				<b>Environmental Score</b>
<b>Score</b>				
404	X	=	<b>Units</b>	
	0.0074906			<b>3.026205</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00849	<b>Cowardin Class</b>	PEM1B	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	271							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	6							
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	3							
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	6							

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Erosion Sensitivity	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	ML if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
				404
				<b>Environmental Score</b>
<b>Score X = Units</b>				
404	0.0084947			<b>3.431873</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00096	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	272							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.
	M if	Not H and not L.
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.
	ML if	Not H and not MH and not L.
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%.
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.
Functional Score		

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	
			<input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
			<input type="checkbox"/> Not H, MH, or ML.
			<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
			<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
			<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
			<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
Functional Score	3		
Regional Ecological Diversity			
	H if		
	MH if		
	ML if		
	L if		
Functional Score	3		
Ecological Replacement Cost			
	H if		
	MH if		
	M if		
	ML if		
	L if		
Functional Score	5		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
				<b>404 Environmental Score</b>
<b>Score X = Units</b>				
404	0.0009564			<b>0.386383</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Both			
<b>Acres</b>	0.02546	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	273							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	6	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
Functional Score	5	Not H and not L and not MH. There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	7	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	MH if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.
	M if	Not H and not L.
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.
Functional Score	ML if	Not H and not MH and not L.
	L if	Wetland is tidal or has a slope of greater than 7%.
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.
Functional Score	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p>
	MH if	<p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p>
	ML if	<p>Not H and not ML and not L.</p>
	L if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
	3	
Regional Ecological Diversity	H if	<p>The wetland contains a Cowardin class for which fewer than 5 exist in the study area.</p>
	MH if	<p>The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.</p>
	ML if	<p>The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.</p>
	L if	<p>Not H, MH, or ML.</p>
Ecological Replacement Cost	H if	<p>Forest occupies most of the wetland <b>AND EITHER</b></p> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
	MH if	<p>Forest occupies some of the wetland and peat soils are present.</p>
	M if	<p>Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b></p> <p>Soil is non-peat, and forest vegetation predominates.</p>
Functional Score	ML if	<p>Soil is non-peat, and at least some of the wetland is forest.</p>
	L if	<p>Soil is non-peat and none of the wetland is forested.</p>
5		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
				479
				<b>Environmental Score</b>
<b>Score</b>				
479	X	=	<b>Units</b>	
	0.0254587			<b>12.19474</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 888+50 Ending Station 888+50 Side of Road Right  
 Acreage 0.00033 Cowardin Class R3OW Impact or Mitigation New Stream Created  
 Date Assessed 4/14/10 Assessor Maria Shepherd  
 Poly ID 274

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.
Functional Score	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.
Functional Score	MH if	
	ML if	Not H and not MH and not L.
	L if	Wetland gradient is greater than 7%.
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
Functional Score	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH. There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.
	M if L if	Not H and not L. Wetland is tidal <b>OR</b> is intersected by a perennial stream.
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.
<b>Functional Score</b>	5	Not H and not MH and not L.
		Wetland is tidal or has a slope of greater than 7%.
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.
<b>Functional Score</b>	3	



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p> <p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p> <p>Not H and not ML and not L.</p>
	MH if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
	ML if	<p>The wetland contains a Cowardin class for which fewer than 5 exist in the study area.</p>
	L if	<p>The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.</p>
		<p>The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.</p>
		<p>Not H, MH, or ML.</p>
		<p>Forest occupies most of the wetland <b>AND EITHER</b></p> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
		<p>Forest occupies some of the wetland and peat soils are present.</p>
		<p>Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b></p> <p>Soil is non-peat, and forest vegetation predominates.</p>
		<p>Soil is non-peat, and at least some of the wetland is forest.</p>
	<p>Soil is non-peat and none of the wetland is forested.</p>	
Functional Score	3	
Regional Ecological Diversity		
Functional Score	3	
Ecological Replacement Cost		
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
				458
				<b>Environmental Score</b>
<b>Score</b>				
458	X	=	<b>Units</b>	
	0.0003259			<b>0.149243</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00589	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	275							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
<b>Functional Score</b>	7	Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.	
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.	
	ML if	<input type="checkbox"/> Not H and not ML and not L.	
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	3		
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML.	
Functional Score	2		
	Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.		
Functional Score	2		
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				478
				<b>Environmental Score</b>
<hr/>				
Score	X	=	Units	
478	0.0058877		2.814337	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Right			
<b>Acres</b>	0.00167	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	276							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
	MH if	<b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	6	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	6	Not H and not L. There is no perennial stream within 200 feet of the wetland.						



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	4

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	2	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	2	
<b>Functional Score</b>	<input type="checkbox"/> ML if <input checked="" type="checkbox"/> L if	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				500
				<b>Environmental Score</b>
<b>Score X = Units</b>				
500	0.0016681			<b>0.83403</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	888+50	<b>Side of Road</b>	Right			
<b>Acres</b>	1.1E-05	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	277							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	5	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor. Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	2	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3. Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				434
				<b>Environmental Score</b>
<b>Score</b>				
434	X	=	<b>Units</b>	
	1.108E-05			<b>0.004808</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
<b>Beginning Station</b> 888+50	<b>Ending Station</b> 893+00	<b>Side of Road</b> Both	
<b>Acreeage</b> 0.64662	<b>Cowardin Class</b> PEM1B	<b>Impact or Mitigation</b> Wetland Impacted by Footprint	
<b>Date Assessed</b> 4/8/2010	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 278			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b>	<input type="checkbox"/>
		is either at the toe of a steep slope <b>OR</b>	<input type="checkbox"/>
		is on a slope greater than 15% <b>OR</b>	<input type="checkbox"/>
		is an alluvial fan or avalanche chute <b>OR</b>	<input type="checkbox"/>
		is intersected by or within 50 feet of a perennial stream.	<input checked="" type="checkbox"/>
	M if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if <input type="checkbox"/>	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b>	<input type="checkbox"/>
		is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b>	<input type="checkbox"/>
		is on a flat and has a slope of less than 3%	<input checked="" type="checkbox"/>
		<b>OR</b>	<input type="checkbox"/>
		Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>
	MH if <input type="checkbox"/>	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b>	<input type="checkbox"/>
		Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
<b>Functional Score</b> 6	ML if <input type="checkbox"/>	Not H and not MH and not L.	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
		Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if <input type="checkbox"/>	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if L if	Not H and not L. Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Functional Score	4	<input type="checkbox"/>
		<input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
Functional Score	6	<input type="checkbox"/>
		<input type="checkbox"/>
Recreational Use Potential	H if	Wetland is tidal or has a slope of greater than 7%. Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
Functional Score	3	<input type="checkbox"/>
		<input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L. <input type="checkbox"/>	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>	
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML. <input type="checkbox"/>	
	Functional Score	5	
	Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches. <input type="checkbox"/>
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/>
		ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input type="checkbox"/>
		L if	<input type="checkbox"/> Not H, MH, or ML. <input type="checkbox"/>
		Functional Score	2
Ecological Replacement Cost		H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches. <input type="checkbox"/>
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/>
		ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input type="checkbox"/>
		L if	<input type="checkbox"/> Not H, MH, or ML. <input type="checkbox"/>
		Functional Score	4

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		2	24
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				413
				<b>Environmental Score</b>
<b>Score</b>				
413	X	=	<b>Units</b>	
	0.6466215		267.0547	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	891+50	<b>Ending Station</b>		896+50	<b>Side of Road</b>		Both	
<b>Acreeage</b>	0.88197	<b>Cowardin Class</b>		PSS1E	<b>Impact or Mitigation</b>		Wetland Impacted by Footprint	
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	279							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	6	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.
	M if	Not H and not L.
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.
Functional Score	ML if	Not H and not MH and not L.
<b>Recreational Use Potential</b>	L if	Wetland is tidal or has a slope of greater than 7%.
	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.
Functional Score	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p> <p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p>	
		MH if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
		ML if	<p>The wetland contains a Cowardin class for which fewer than 5 exist in the study area.</p>
		L if	<p>The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.</p>
			<p>The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.</p>
			<p>Not H, MH, or ML.</p>
			<p>Forest occupies most of the wetland <b>AND EITHER</b></p> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
			<p>Forest occupies some of the wetland and peat soils are present.</p>
			<p>Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b></p> <p>Soil is non-peat, and forest vegetation predominates.</p>
			<p>Soil is non-peat, and at least some of the wetland is forest.</p>
	<p>Soil is non-peat and none of the wetland is forested.</p>		
Functional Score	5		
Regional Ecological Diversity	H if		
	MH if		
	ML if		
	L if		
Functional Score	4		
Ecological Replacement Cost	H if		
	MH if		
	ML if		
	L if		
Functional Score	4		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		2	14
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		4	40
				424
				<b>Environmental Score</b>
<b>Score X = Units</b>				
424	0.8819684			<b>373.9546</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 896+50 Ending Station 898+00 Side of Road Both  
 Acreage 0.31442 Cowardin Class PSS1E Impact or Mitigation Wetland Impacted by Footprint  
 Date Assessed 4/14/10 Assessor Maria Shepherd  
 Poly ID 280

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.
Functional Score	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.
Functional Score	MH if	
	ML if	Not H and not MH and not L.
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%. Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
Functional Score	H if	
	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b>
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH. There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	1 L if VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time. Wetland contains slope angles greater than 20%.
Erosion Sensitivity	H if MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	2 L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.
	M if	Not H and not L.
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.
Functional Score	ML if	Not H and not MH and not L.
	L if	Wetland is tidal or has a slope of greater than 7%.
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.
Functional Score		

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.	
	Functional Score	3	
	Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		Functional Score	4
Ecological Replacement Cost		H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		Functional Score	4

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		2	14
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		4	40
				400
				<b>Environmental Score</b>
<b>Score</b>				
400	X	=	<b>Units</b>	
	0.3144196			<b>125.7678</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	891+00	<b>Ending Station</b>	896+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.27965	<b>Cowardin Class</b>	Upland	<b>Impact or Mitigation</b>	Mitigation Cut			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	281							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	5	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	2	
<b>Erosion Sensitivity</b>	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	MH if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	ML if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				422
<b>Environmental Score</b>				
Score	X	=	Units	
422	0.2796512		118.0128	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	891+00	<b>Ending Station</b>	896+50	<b>Side of Road</b>	Right			
<b>Acres</b>	0.00489	<b>Cowardin Class</b>	PSS1E	<b>Impact or Mitigation</b>	Wetland Impacted by Mitigation			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	282							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Erosion Sensitivity	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input checked="" type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.	
Functional Score	5	
Regional Ecological Diversity	H if	
	MH if	
	ML if	
	L if	
Functional Score	2	
Ecological Replacement Cost	H if	
	MH if	
	ML if	
	L if	
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				398
				<b>Environmental Score</b>
<b>Score X = Units</b>				
398	X		0.0048909	= 1.946572

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	891+00	<b>Ending Station</b>	896+50	<b>Side of Road</b>	Right			
<b>Acres</b>	0.03934	<b>Cowardin Class</b>	PSS1E	<b>Impact or Mitigation</b>	Wetland Impacted by Mitigation			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	283							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	5	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	2	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	3	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	<b>2</b>	
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				421
				<b>Environmental Score</b>
<b>Score X = Units</b>				
421	0.0393378			<b>16.56122</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 891+00 Ending Station 896+50 Side of Road Right  
 Acreage 0.00061 Cowardin Class PSS1E Impact or Mitigation Wetland Impacted by Footprint  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 284

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
		MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		ML if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		L if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
			The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
			Not H, MH, or ML.
			Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
			Forest occupies some of the wetland and peat soils are present.
			Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> Soil is non-peat, and forest vegetation predominates. Soil is non-peat, and at least some of the wetland is forest. Soil is non-peat and none of the wetland is forested.
Functional Score	5		
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.	
		MH if	Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
		ML if	Forest occupies some of the wetland and peat soils are present.
		L if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> Soil is non-peat, and forest vegetation predominates. Soil is non-peat, and at least some of the wetland is forest. Soil is non-peat and none of the wetland is forested.
Functional Score	2		
Ecological Replacement Cost	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.	
		MH if	Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
		ML if	Forest occupies some of the wetland and peat soils are present.
		L if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> Soil is non-peat, and forest vegetation predominates. Soil is non-peat, and at least some of the wetland is forest. Soil is non-peat and none of the wetland is forested.
Functional Score	2		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				431
				<b>Environmental Score</b>
<b>Score X = Units</b>				
431	0.000609			<b>0.262482</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+00	<b>Ending Station</b>	896+00	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00095	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	285							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
<b>Functional Score</b>	5	
<b>Salmonid Habitat</b>		
<b>Functional Score</b>	7	
<b>Erosion Sensitivity</b>		
<b>Functional Score</b>	2	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>523 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
523		0.0009529		<b>0.498366</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+00	<b>Ending Station</b>	896+00		<b>Side of Road</b>	Right		
<b>Acreeage</b>	0.00396	<b>Cowardin Class</b>	R3OW		<b>Impact or Mitigation</b>	New Stream Created		
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	286							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	5	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	2	
Functional Score	<input type="checkbox"/> L if <input checked="" type="checkbox"/> L if	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>523 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
523		0.0039634		<b>2.072859</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+00	<b>Ending Station</b>	896+00	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00052	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	287							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
Functional Score	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	VH if	



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	5	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	2	
Functional Score	<input type="checkbox"/> L if <input checked="" type="checkbox"/> L if	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>523 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
523		0.0005203		<b>0.272126</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+00	<b>Ending Station</b>	896+00	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00254	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	288							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	L if	Not H and not L. There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	7	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	VL if	Wetland contains slope angles greater than 20%.
	H if MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.	
	Functional Score	5	
	Regional Ecological Diversity	H if	<input checked="" type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		Functional Score	5
Ecological Replacement Cost		H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		L if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>520 Environmental Score</b>
<b>Environmental Score</b>				
520	X	Acres	=	<b>Functional Units</b>
		0.0025409		<b>1.321255</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+00	<b>Ending Station</b>	896+00	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00858	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	289							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score	5	
Regional Ecological Diversity	H if	<input checked="" type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>520 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
520		0.0085836		<b>4.463497</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+00	<b>Ending Station</b>		896+00	<b>Side of Road</b>		Right	
<b>Acreeage</b>	0.00147	<b>Cowardin Class</b>		R3OW	<b>Impact or Mitigation</b>		New Stream Created	
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	290							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		



Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p> <p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p> <p>Not H and not ML and not L.</p>
	MH if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
Functional Score		<b>5</b>
<b>Regional Ecological Diversity</b>	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	L if	Not H, MH, or ML.
<b>Ecological Replacement Cost</b>	H if	Forest occupies most of the wetland <b>AND EITHER</b> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
	MH if	Forest occupies some of the wetland and peat soils are present.
	M if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <p>Soil is non-peat, and forest vegetation predominates.</p>
Functional Score	ML if	Soil is non-peat, and at least some of the wetland is forest.
	L if	Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>480 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
480		0.0014695		<b>0.705347</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+50	<b>Ending Station</b>		897+00	<b>Side of Road</b>		Right	
<b>Acreeage</b>	0.03195	<b>Cowardin Class</b>		Upland	<b>Impact or Mitigation</b>		Mitigation Adjacent to Stream	
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	291							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	5	
	5	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> <input type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>3</b>	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>5</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>436 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
436		0.0319526		<b>13.93133</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+50	<b>Ending Station</b>		897+00		<b>Side of Road</b> Right		
<b>Acres</b>	0.00344	<b>Cowardin Class</b>		PSS1H		<b>Impact or Mitigation</b> Wetland Impacted by Mitigation		
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	292							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
Functional Score	<b>5</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	MH if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b>
	M if	<input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>436 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
436		0.0034426		<b>1.500959</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	896+50	<b>Ending Station</b>		897+00	<b>Side of Road</b>		Right	
<b>Acreeage</b>	0.00815	<b>Cowardin Class</b>		Upland	<b>Impact or Mitigation</b>		Mitigation Adjacent to Stream	
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	293							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	3	
<b>Regional Ecological Diversity</b>	H if	
	MH if	
	ML if	
	L if	
	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
Functional Score	5	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	MH if	
	M if	
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>436 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
436		0.0081485		<b>3.552735</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	959+00	<b>Ending Station</b>	962+00		<b>Side of Road</b>	Right		
<b>Acreeage</b>	0.02868	<b>Cowardin Class</b>	R3OW		<b>Impact or Mitigation</b>	Impacted Stream Replacement		
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	294							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p> <p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p> <p>Not H and not ML and not L.</p>
	MH if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
Functional Score		<b>3</b>
<b>Regional Ecological Diversity</b>	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score		<b>5</b>
<b>Ecological Replacement Cost</b>	H if	Forest occupies most of the wetland <b>AND EITHER</b> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
	MH if	Forest occupies some of the wetland and peat soils are present.
	M if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <p>Soil is non-peat, and forest vegetation predominates.</p>
Functional Score		<b>2</b>
	ML if	Soil is non-peat, and at least some of the wetland is forest.
	L if	Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>499 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
499		0.0286822		<b>14.31241</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	960+00	<b>Ending Station</b>	960+00	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00022	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	295							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	L if	Not H and not L. There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	5	
	5	



Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/>
	Functional Score		<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	3
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	2
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	5

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>496 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
496		0.0002224		<b>0.110296</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	960+00	<b>Ending Station</b>	960+00	<b>Side of Road</b>		Right		
<b>Acreeage</b>	0.00061	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>		New Stream Created		
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	296							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	L if	Not H and not L. There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	3
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	2
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	5

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>496 Environmental Score</b>
<b>Environmental Score</b>				
496	X	Acreeage	=	<b>Functional Units</b>
		0.000613		<b>0.304028</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	960+00	<b>Ending Station</b>	962+00	<b>Side of Road</b>		Right		
<b>Acreeage</b>	0.0309	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>		New Stream Created		
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	297							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	L if	Not H and not L. There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	7	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	5	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
Functional Score		3
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input checked="" type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
Functional Score		5
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score		2
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches. <input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
Functional Score		2
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score		2

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>496 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
496		0.030895		<b>15.32393</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	960+00	<b>Ending Station</b>	962+00	<b>Side of Road</b>		Right		
<b>Acreeage</b>	0.00231	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>		New Stream Created		
<b>Date Assessed</b>	4/1/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	298							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3



Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p> <p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p> <p>Not H and not ML and not L.</p>
	MH if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
Functional Score		<b>3</b>
<b>Regional Ecological Diversity</b>	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	L if	Not H, MH, or ML.
<b>Ecological Replacement Cost</b>	H if	Forest occupies most of the wetland <b>AND EITHER</b> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
	MH if	Forest occupies some of the wetland and peat soils are present.
	M if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <p>Soil is non-peat, and forest vegetation predominates.</p>
Functional Score	ML if	Soil is non-peat, and at least some of the wetland is forest.
	L if	Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>496 Environmental Score</b>
<b>Environmental Score</b>				
496	X	Acres	=	<b>Functional Units</b>
		0.0023122		<b>1.146829</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	962+50	<b>Ending Station</b>	962+50	<b>Side of Road</b>		Both (crosses)		
<b>Acreeage</b>	0.01622	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>		Impacted Stream Replacement		
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	299							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	6							
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	3							
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	6							

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	5	
<b>Erosion Sensitivity</b>	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
Functional Score	<b>3</b>	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				400
				<b>Environmental Score</b>
<b>Score</b>				
400	X	=	<b>Units</b>	
	0.0162246			<b>6.489832</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 1008+00 Ending Station 1008+50 Side of Road Right  
 Acreage 0.03041 Cowardin Class PEM1H Impact or Mitigation Wetland Impacted by Footprint  
 Date Assessed 4/14/10 Assessor Maria Shepherd  
 Poly ID 300

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input checked="" type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	L if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	2	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		2	24
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		2	24
Regional Ecological Diversity	10		2	20
				<b>357</b>
<b>Environmental Score Calculation Summary</b>				
Score	X	=	Units	
357	0.0304125			<b>10.85727</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1025+00	<b>Ending Station</b>	1025+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.00331	<b>Cowardin Class</b>	PFO1C	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	301							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	5	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
Functional Score	6	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
Functional Score	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
Functional Score	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
Functional Score	VL if	Salmonid fish cannot access the wetland at any time.
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%.
Functional Score	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
Functional Score	3	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	5	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	MH if	
	M if	
	ML if	
Functional Score		



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		6	72
Salmonid Habitat	12		3	36
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				<b>427</b>
<b>Environmental Score Calculation Summary</b>				
Score	X	=	Units	
427	0.0033149		1.415474	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1025+50	<b>Ending Station</b>	1027+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.03021	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	302							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	2	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	4	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	Functional Score	<b>3</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>4</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		4	28
Riparian Support	12		6	72
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				403
				<b>Environmental Score</b>
<b>Score</b>				
403	X	=	<b>Units</b>	
	0.0302109			<b>12.17501</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1027+00	<b>Ending Station</b>	1030+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.15707	<b>Cowardin Class</b>	PFO1C	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	303							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	L if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
Functional Score	<b>3</b>	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>5</b>	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		4	28
Riparian Support	12		6	72
Salmonid Habitat	12		3	36
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				377
				<b>Environmental Score</b>
<b>Score</b>				
377	X	=	<b>Units</b>	
	0.1570723		59.21625	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1139+50	<b>Ending Station</b>	1139+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.01109	<b>Cowardin Class</b>	PEM1B	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	304							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p> <p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p> <p>Not H and not ML and not L.</p>
	MH if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
Functional Score		<b>2</b>
<b>Regional Ecological Diversity</b>	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	L if	Not H, MH, or ML.
<b>Ecological Replacement Cost</b>	H if	Forest occupies most of the wetland <b>AND EITHER</b> <p>peat soils are present <b>OR</b></p> <p>maximum tree diameter is at least 40 inches.</p>
	MH if	Forest occupies some of the wetland and peat soils are present.
	M if	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <p>Soil is non-peat, and forest vegetation predominates.</p>
Functional Score	ML if	Soil is non-peat, and at least some of the wetland is forest.
	L if	Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		2	24
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		6	54
<b>Human Use Support Category</b>				
Groundwater Recharge	9		4	36
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		2	24
Regional Ecological Diversity	10		2	20
				380
				<b>Environmental Score</b>
<b>Score X = Units</b>				
380	0.0110878			<b>4.213347</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1102+50	<b>Ending Station</b>	1102+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.00639	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	305							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b>						
		is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
<b>Functional Score</b>	M if	Not H and not L.						
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Functional Score</b>	H if	Wetland is tidal <b>OR</b>						
	M if	Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Functional Score	4	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
Salmonid Habitat	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	2	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Functional Score	6	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> <input type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		6	54
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
				393
				<b>Environmental Score</b>
<b>Score X = Units</b>				
393	0.0063944			<b>2.512981</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1102+50	<b>Ending Station</b>	1102+50	<b>Side of Road</b>	Both			
<b>Acreeage</b>	0.00922	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	306							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
<b>Functional Score</b>	6	M if	Not H and not L.					
<b>Sediment Toxicant Retention</b>	H if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Functional Score</b>	2	MH if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.					
<b>Nutrient Export</b>	L if	Not H and not MH and not L.						
<b>Functional Score</b>	6	H if	Wetland gradient is greater than 7%. Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
		M if	Not H and not L.					
		L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		



Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
Functional Score		3
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/> <input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
Functional Score		2
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score		2
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
Functional Score		2
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score		2
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input checked="" type="checkbox"/>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				390
				<b>Environmental Score</b>
<b>Score X = Units</b>				
390	0.0092232			<b>3.597054</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1102+50	<b>Ending Station</b>	1103+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.03431	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Wetland Impacted by Footprint			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	307							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<b>3</b>
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>4</b>
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>5</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		6	54
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
				393
				<b>Environmental Score</b>
<b>Score X = Units</b>				
393	0.0343147			<b>13.48567</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1102+50	<b>Ending Station</b>	1102+50	<b>Side of Road</b>	Right			
<b>Acres</b>	0.00154	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	308							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	2	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input type="checkbox"/> Not H, MH, or ML.
	5	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	4	
Functional Score	ML if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		6	54
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
				393
				<b>Environmental Score</b>
<b>Score X Units =</b>				
393	0.0015356			<b>0.603499</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1102+50	<b>Ending Station</b>	1102+50	<b>Side of Road</b>	Both			
<b>Acreeage</b>	0.01554	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	309							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				390
				<b>Environmental Score</b>
<b>Score X = Units</b>				
390	0.0155386			<b>6.060062</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1102+50	<b>Ending Station</b>	1102+50	<b>Side of Road</b>	Both			
<b>Acreeage</b>	0.00019	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	310							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
<b>Functional Score</b>	MH if	Not H and not MH and not L.						
	ML if	Wetland gradient is greater than 7%.						
	L if	Wetland is tidal <b>OR</b>						
<b>Nutrient Export</b>	H if	Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				390
				<b>Environmental Score</b>
<b>Score X = Units</b>				
390	0.0001851			<b>0.07219</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 1102+50	<b>Ending Station</b> 1103+50	<b>Side of Road</b> Right	
<b>Acreeage</b> 0.00734	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Impacted Stream Replacement	
<b>Date Assessed</b> 4/14/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 311			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b>	<input type="checkbox"/>
	M if <input type="checkbox"/>	is either at the toe of a steep slope <b>OR</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	is on a slope greater than 15% <b>OR</b>	<input type="checkbox"/>
	MH if <input type="checkbox"/>	is an alluvial fan or avalanche chute <b>OR</b>	<input type="checkbox"/>
	ML if <input type="checkbox"/>	is intersected by or within 50 feet of a perennial stream.	<input checked="" type="checkbox"/>
<b>Functional Score</b> 6		Not H and not L.	<input type="checkbox"/>
		Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b>	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
	M if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b>	<input type="checkbox"/>
	ML if <input type="checkbox"/>	is on a flat and has a slope of less than 3%	<input type="checkbox"/>
	L if <input type="checkbox"/>	<b>OR</b>	<input type="checkbox"/>
	MH if <input type="checkbox"/>	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>
<b>Functional Score</b> 3		Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b>	<input type="checkbox"/>
		Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	M if <input type="checkbox"/>	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	MH if <input type="checkbox"/>	Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Functional Score</b> 6		Not H and not L.	<input type="checkbox"/>
		There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	6	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	6	Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	3	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
Functional Score		3
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/> <input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
Functional Score		3
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score		5
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches. <input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
Functional Score		5
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score		5

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		3	30
				458
				<b>Environmental Score</b>
<b>Score</b>				
458	X	=	<b>Units</b>	
	0.0073379			<b>3.36078</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1102+50	<b>Ending Station</b>	1103+50	<b>Side of Road</b>	Right			
<b>Acres</b>	0.00246	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	312							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. <input checked="" type="checkbox"/>						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream. <input checked="" type="checkbox"/>						
	L if	Not H and not L.						
Functional Score		There is no perennial stream within 200 feet of the wetland. <input type="checkbox"/>						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	
			<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
	Functional Score	<b>3</b>	
	Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score		<b>2</b>	
Ecological Replacement Cost		H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		Functional Score	<b>2</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				<b>427</b>
<b>Environmental Score Calculation Summary</b>				
Score	X	=	Units	
427	0.0024571		1.049181	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1104+50	<b>Ending Station</b>	1104+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00172	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	313							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
		Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	3	ML if	Not H and not MH and not L.					
		L if	Wetland gradient is greater than 7%.					
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	MH if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	2	
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input checked="" type="checkbox"/>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				<b>427</b>
<b>Environmental Score Calculation Summary</b>				
Score	X	=	Units	
427	0.0017202			<b>0.734542</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1104+50	<b>Ending Station</b>	1106+50	<b>Side of Road</b>	Right			
<b>Acres</b>	0.01978	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	314							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
	ML if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
Functional Score	L if	Not H and not MH and not L.						
	H if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	M if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	L if	Not H and not L. There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	MH if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	ML if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				442
<b>Environmental Score</b>				
Score	X	=	Units	
442	0.019775			8.740554

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1104+50	<b>Ending Station</b>	1105+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.01011	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Impacted Stream Replacement			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	315							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality.
	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%.
	L if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>		
<b>Functional Score</b>	6	
<b>Erosion Sensitivity</b>		
<b>Functional Score</b>	5	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	<b>2</b>	
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		6	72
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				442
				<b>Environmental Score</b>
<b>Score</b>				
442	X	=	<b>Units</b>	
	0.0101099			<b>4.468571</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 1180+00 Ending Station 1180+00 Side of Road Right  
 Acreage 0.00236 Cowardin Class R3OW Impact or Mitigation Stream Impacted by Footprint  
 Date Assessed 4/14/10 Assessor Maria Shepherd  
 Poly ID 316

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	M if L if	Not H and not L. Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if ML if L if	Not H and not MH and not L. Wetland gradient is greater than 7%.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	M if L if	Not H and not L. There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/> <input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	L if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				<b>472</b>
<b>Environmental Score</b>				
Score	X	=	Units	
472	0.0023553		1.11171	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1105+50	<b>Ending Station</b>	1106+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00443	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	New Stream Created			
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	317							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	6							
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	ML if	Not H and not MH and not L.						
	3							
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.						
	6							

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	L if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
	Functional Score	<b>3</b>
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>2</b>
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>2</b>



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		3	27
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				481
				<b>Environmental Score</b>
<b>Score</b>				
481	X	=	<b>Units</b>	
	0.0044283			<b>2.130015</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
<b>Beginning Station</b> 1180+00	<b>Ending Station</b> 1180+00	<b>Side of Road</b> Both(crosses)	
<b>Acreeage</b> 0.01701	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Stream Impacted by Footprint	
<b>Date Assessed</b> 4/14/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 318			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	is either at the toe of a steep slope <b>OR</b>	<input type="checkbox"/>
	M if <input type="checkbox"/>	is on a slope greater than 15% <b>OR</b>	<input type="checkbox"/>
	MH if <input type="checkbox"/>	is an alluvial fan or avalanche chute <b>OR</b>	<input type="checkbox"/>
	ML if <input type="checkbox"/>	is intersected by or within 50 feet of a perennial stream.	<input checked="" type="checkbox"/>
<b>Functional Score</b> 6		Not H and not L.	<input type="checkbox"/>
		Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b>	<input type="checkbox"/>
		is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b>	<input type="checkbox"/>
	MH if <input type="checkbox"/>	is on a flat and has a slope of less than 3%	<input type="checkbox"/>
	ML if <input type="checkbox"/>	<b>OR</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>
<b>Functional Score</b> 2		Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b>	<input type="checkbox"/>
		Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
		Not H and not MH and not L.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Wetland gradient is greater than 7%.	<input checked="" type="checkbox"/>
	M if <input type="checkbox"/>	Wetland is tidal <b>OR</b>	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Functional Score</b> 6		Not H and not L.	<input type="checkbox"/>
		There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input checked="" type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H, MH, or ML.
	Functional Score	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	Regional Ecological Diversity	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<input type="checkbox"/> Not H, MH, or ML.
	Ecological Replacement Cost	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	Functional Score	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<input type="checkbox"/> Not H, MH, or ML.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		2	24
Erosion Sensitivity	9		6	54
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		2	20
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		2	24
Regional Ecological Diversity	10		2	20
				351
				<b>Environmental Score</b>
<b>Score X = Units</b>				
351	0.0170104			<b>5.970663</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b>	1180+00	<b>Ending Station</b>	1180+50
<b>Acreeage</b>	0.01861	<b>Cowardin Class</b>	R3OW
<b>Date Assessed</b>	4/14/10	<b>Assessor</b>	Maria Shepherd
<b>Poly ID</b>	319	<b>Impact or Mitigation</b>	Stream Impacted by Footprint
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	
	M if	Not H and not L.	
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	
	MH if	Not H and not MH and not L.	
<b>Functional Score</b>	3	Wetland gradient is greater than 7%. Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	
<b>Nutrient Export</b>	H if	Not H and not L.	
	M if	There is no perennial stream within 200 feet of the wetland.	
<b>Functional Score</b>	6		

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
Functional Score	L if	Not H and not MH and not L. <input type="checkbox"/>
Recreational Use Potential	H if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
	M if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				<b>472</b>
<b>Environmental Score Calculation Summary</b>				
Score	X	=	Units	
472	0.0186064		<b>8.782241</b>	

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1225+50	<b>Ending Station</b>	1225+50	<b>Side of Road</b>	Both			
<b>Acreeage</b>	0.00022	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	320							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Functional Score	2	
Ecological Replacement Cost	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.098931</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1225+50	<b>Ending Station</b>	1225+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00022	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	321							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	H if	Access is restricted and rearing habitat is poor quality.
	MH if	Salmonid fish cannot access the wetland at any time.
	L if	Wetland contains slope angles greater than 20%.
	ML if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	L if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	<b>3</b>	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	<b>2</b>	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	<b>2</b>	
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.098931</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 1225+50 Ending Station 1225+50 Side of Road Right  
 Acreage 0.00022 Cowardin Class R3OW Impact or Mitigation Stream Impacted by Footprint  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 322

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
Functional Score	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Erosion Sensitivity	VL if	Access is restricted and rearing habitat is poor quality.
	H if MH if	Salmonid fish cannot access the wetland at any time. Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	Functional Score	<b>3</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	<b>2</b>	<input checked="" type="checkbox"/> Not H, MH, or ML.
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	<b>2</b>	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.098931</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1225+50	<b>Ending Station</b>	1225+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.00022	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	323							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	7	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
Functional Score	ML if	Not H and not MH and not L. <input type="checkbox"/>
Recreational Use Potential	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
Functional Score	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
Functional Score	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	L if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
	Functional Score	<b>3</b>
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>2</b>
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>2</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.098931</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 1228+50 Ending Station 1228+50 Side of Road Both  
 Acreage 0.00022 Cowardin Class R3OW Impact or Mitigation Stream Impacted by Footprint  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 324

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Erosion Sensitivity	VL if	Access is restricted and rearing habitat is poor quality.
	H if MH if	Salmonid fish cannot access the wetland at any time. Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.09893</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7			
<b>Beginning Station</b> 1228+50	<b>Ending Station</b> 1228+50	<b>Side of Road</b> Left	
<b>Acreeage</b> 0.00022	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Stream Impacted by Footprint	
<b>Date Assessed</b> 4/15/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 325			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 3	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	7	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	2	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	L if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score X = Units</b>				
448	0.0002208			<b>0.098931</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 1228+50 Ending Station 1228+50 Side of Road Right  
 Acreage 0.00022 Cowardin Class R3OW Impact or Mitigation Stream Impacted by Footprint  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 326

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	Functional Score	<b>3</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score X = Units</b>				
448	0.0002208			<b>0.098931</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1228+50	<b>Ending Station</b>	1228+50	<b>Side of Road</b>	Right			
<b>Acreeage</b>	0.00022	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	327							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Functional Score	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
Functional Score	7	Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	<b>3</b>	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>2</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.09893</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	1231+00	<b>Ending Station</b>	1231+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.00022	<b>Cowardin Class</b>	R3OW	<b>Impact or Mitigation</b>	Stream Impacted by Footprint			
<b>Date Assessed</b>	4/15/10	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	328							
<b>Function</b>	Rating	Criteria (check the one that applies)						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if							
<b>Functional Score</b>	3	Not H and not MH and not L.						
	L if	Wetland gradient is greater than 7%.						
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
	M if	Not H and not L.						
<b>Functional Score</b>	6	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Erosion Sensitivity	VL if	Access is restricted and rearing habitat is poor quality.
	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.09893</b>



Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 1231+00	<b>Ending Station</b> 1230+00	<b>Side of Road</b> Left	
<b>Acreeage</b> 0.00022	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Stream Impacted by Footprint	
<b>Date Assessed</b> 4/15/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 329			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 3	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Functional Score	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
Functional Score	7	Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	L if

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208		<b>0.09893</b>	

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 1231+00	<b>Ending Station</b> 1231+00	<b>Side of Road</b> Right	
<b>Acres</b> 0.00022	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Stream Impacted by Footprint	
<b>Date Assessed</b> 4/15/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 330			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>Functional Score</b> 3	MH if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Functional Score</b> 6	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage.
Functional Score	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input checked="" type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>2</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	<b>2</b>	
	L if	<input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.09893</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 1231+00	<b>Ending Station</b> 1231+00	<b>Side of Road</b> Right	
<b>Acres</b> 0.00022	<b>Cowardin Class</b> R3OW	<b>Impact or Mitigation</b> Stream Impacted by Footprint	
<b>Date Assessed</b> 4/15/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 331			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
	M if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if <input type="checkbox"/>	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
	MH if <input type="checkbox"/>		<input type="checkbox"/>
<b>Functional Score</b> 3	ML if <input type="checkbox"/>	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	L if <input type="checkbox"/>	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if <input type="checkbox"/>	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	H if	Access is restricted and rearing habitat is poor quality.
	MH if	Salmonid fish cannot access the wetland at any time.
	L if	Wetland contains slope angles greater than 20%.
	ML if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	L if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	3	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	ML if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	6	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	L if

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	3	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		7	84
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		6	42
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		2	20
				448
				<b>Environmental Score</b>
<b>Score</b>				
448	X	=	<b>Units</b>	
	0.0002208			<b>0.09893</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 1229+50 Ending Station 1230+00 Side of Road Both (crosses)  
 Acreage 0.14742 Cowardin Class R3OW Impact or Mitigation Stream Impacted by Footprint  
 Date Assessed 4/15/10 Assessor Maria Shepherd  
 Poly ID 332

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/> <input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	4	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	2	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	2	
<b>Functional Score</b>	<input type="checkbox"/> ML if <input checked="" type="checkbox"/> L if	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		2	20
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				424
				<b>Environmental Score</b>
<b>Score X = Units</b>				
424	0.1474164			<b>62.50454</b>

Rating Score VL-1 L-2 ML-3 M-4 MH-5 H-6 VH-7			
<b>Beginning Station</b> 1232+00	<b>Ending Station</b> 1230+00	<b>Side of Road</b> Both	
<b>Acres</b> 0.06499	<b>Cowardin Class</b> PEM1B	<b>Impact or Mitigation</b> Wetland Impacted by Footprint	
<b>Date Assessed</b> 4/15/10	<b>Assessor</b> Maria Shepherd		
<b>Poly ID</b> 333			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>	
<b>Groundwater Discharge</b>	H if <input type="checkbox"/>	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
	M if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if <input type="checkbox"/>	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if <input type="checkbox"/>	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
	MH if <input type="checkbox"/>		<input type="checkbox"/>
<b>Functional Score</b> 3	ML if <input type="checkbox"/>	Not H and not MH and not L.	<input type="checkbox"/>
	L if <input type="checkbox"/>	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if <input type="checkbox"/>	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
	M if <input type="checkbox"/>	Not H and not L.	<input type="checkbox"/>
<b>Functional Score</b> 6	L if <input type="checkbox"/>	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	5	Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	2	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.	
			<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
	Functional Score	<b>5</b>	
	Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score		<b>2</b>	
Ecological Replacement Cost		H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
		L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
		Functional Score	<b>2</b>



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		4	48
Salmonid Habitat	12		5	60
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		4	28
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		2	20
				434
				<b>Environmental Score</b>
<b>Score</b>				
434	X	=	<b>Units</b>	
	0.0649856			<b>28.20375</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 238+50 Ending Station 241+00 Side of Road Left  
 Acreage 0.347 Cowardin Class PSS1H Impact or Mitigation Adjacent Wetland Enhanced  
 Date Assessed 6/3/2010 Assessor Maria Shepherd  
 Poly ID 1300 After

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/> <input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Functional Score	MH if		<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input checked="" type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	2	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	4	
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		2	24
Regional Ecological Diversity	10		5	50
				415
				<b>Environmental Score</b>
<b>Score</b>				
415	X	=	<b>Units</b>	
	0.347		<b>144.005</b>	

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7					
<b>Beginning Station</b>	529+00	<b>Ending Station</b>	531+50	<b>Side of Road</b>	Left
<b>Acraage</b>	0.181	<b>Cowardin Class</b>	PSSLH	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd		
<b>Poly ID</b>	1301	<b>After</b>			
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>			
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.			
	M if	Not H and not L.			
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.			
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b>			
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.			
	ML if	Not H and not MH and not L.			
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.			
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.			
	M if	Not H and not L.			
<b>Functional Score</b>	L if	There is no perennial stream within 200 feet of the wetland.			
	M if				

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Functional Score	5	
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.
Functional Score	2	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input checked="" type="checkbox"/>
	Functional Score	5	Not H and not MH and not L.
<b>Recreational Use Potential</b>	L if	Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/>
	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
Functional Score	3	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<p>Wetland is tidal <b>OR</b></p> <p>contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b></p> <p>wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b></p> <p>does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.</p>
	MH if	<p>Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b></p> <p>creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b></p> <p>has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.</p>
Functional Score	ML if	Not H and not ML and not L.
	L if	<p>Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b></p> <p>&gt; 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b></p> <p>is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.</p>
Regional Ecological Diversity	H if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. <u>Bordering means within 300 ft.</u>
	ML if	The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	L if	Not H, MH, or ML.
	Ecological Replacement Cost	Forest occupies most of the wetland <b>AND EITHER</b>
peat soils are present <b>OR</b>		
Functional Score	MH if	maximum tree diameter is at least 40 inches.
	M if	Forest occupies some of the wetland and peat soils are present.
	Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b>	
Functional Score	ML if	Soil is non-peat, and forest vegetation predominates.
	L if	Soil is non-peat, and at least some of the wetland is forest.
Functional Score	ML if	Soil is non-peat and none of the wetland is forested.
	L if	Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
				421
				<b>Environmental Score</b>
<hr/>				
Score	X	=	Units	
421			0.181	<b>76.201</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	568+00	<b>Ending Station</b>	570+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.036	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1302 After							
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if  L if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
<b>Functional Score</b>	6	M if	Not H and not L.					
<b>Sediment Toxicant Retention</b>	H if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
<b>Functional Score</b>	3	M if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.					
<b>Nutrient Export</b>	H if	Not H and not MH and not L. Wetland gradient is greater than 7%. Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Functional Score</b>	6	M if	Not H and not L. There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
Functional Score	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
Functional Score	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> If stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> If stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> If stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
	Functional Score	2 <input type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Functional Score	5 <input type="checkbox"/>	
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3 <input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	Functional Score	5
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
Ecological Replacement Cost	L if	<input type="checkbox"/> Not H, MH, or ML.
	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	Functional Score	4
Ecological Replacement Cost	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
				421
				<b>Environmental Score</b>
<hr/>				
Score	X	=	Units	
421	0.036		15.156	



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	648+50	<b>Ending Station</b>	655+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	1.44300	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetlands Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1304	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	6	L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	2	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>		
<b>Functional Score</b>	1	
<b>Erosion Sensitivity</b>		
<b>Functional Score</b>	2	

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
	Functional Score	<b>3</b>
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input checked="" type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>4</b>
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input checked="" type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>5</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>413 Environmental Score</b>
<b>Summary</b>				
Environmental Score	X	Acreage	=	Functional Units
413		1.443		595.959

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	567+50	<b>Ending Station</b>	571+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.05400	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1305	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	5	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	3	ML if	Not H and not MH and not L.					
Functional Score		L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	2	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input checked="" type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/>
	Functional Score	3
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input checked="" type="checkbox"/>
	Functional Score	4
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input checked="" type="checkbox"/>
	Functional Score	5

Environmental Score Calculation														
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score										
<b>Aquatic Support Category</b>														
Groundwater Discharge	10		5	50										
Sediment/Toxicant Retention	10		3	30										
Nutrient Export	7		2	14										
Riparian Support	12		4	48										
Salmonid Habitat	12		1	12										
Erosion Sensitivity	9		2	18										
<b>Human Use Support Category</b>														
Groundwater Recharge	9		6	54										
Surface Hydrologic Control	10		6	60										
Recreational Use Potential	7		3	21										
<b>Terrestrial Support Category</b>														
Wildlife Support	12		3	36										
Regional Ecological Diversity	10		5	50										
Ecological Replacement Cost			4											
				<b>393 Environmental Score</b>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Environmental Score</th> <th style="width: 10%;">X</th> <th style="width: 20%;">Acreage</th> <th style="width: 10%;">=</th> <th style="width: 10%;">Functional Units</th> </tr> </thead> <tbody> <tr> <td>393</td> <td></td> <td>0.054</td> <td></td> <td><b>21.222</b></td> </tr> </tbody> </table>					Environmental Score	X	Acreage	=	Functional Units	393		0.054		<b>21.222</b>
Environmental Score	X	Acreage	=	Functional Units										
393		0.054		<b>21.222</b>										

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	649+50	<b>Ending Station</b>	652+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.24200	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1306	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	5	ML if	Not H and not MH and not L.					
Functional Score		L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	4	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees. <input checked="" type="checkbox"/>
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time. <input checked="" type="checkbox"/>
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4. <input checked="" type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> <input checked="" type="checkbox"/> Not H and not ML and not L.
Functional Score		3
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/> <input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
Functional Score		5
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> <input type="checkbox"/> Not H, MH, or ML.
Functional Score		3
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
Functional Score		3
<b>Ecological Replacement Cost</b>	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
Functional Score		3
<b>Ecological Replacement Cost</b>	M if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Functional Score		3
<b>Ecological Replacement Cost</b>	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score		3
<b>Ecological Replacement Cost</b>	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		5	50
Nutrient Export	7		4	28
Riparian Support	12		2	24
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			3	
				<b>393 Environmental Score</b>
Environmental Score	X	Acreage	=	Functional Units
393		0.242		95.106

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 648+50 Ending Station 649+50 Side of Road Right  
 Acreage 0.02800 Cowardin Class PSS1E Impact or Mitigation Adjacent Wetland Enhanced  
 Date Assessed 6/3/2010 Assessor Maria Shepherd  
 Poly ID 1307 After

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.
<b>Functional Score</b>	3	Not H and not MH and not L.
		Wetland gradient is greater than 7%.
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
		MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		ML if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		L if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
			The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
			Not H, MH, or ML.
			Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
			Forest occupies some of the wetland and peat soils are present.
			Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> Soil is non-peat, and forest vegetation predominates. <input checked="" type="checkbox"/>
			Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input type="checkbox"/>
Functional Score	6		
Regional Ecological Diversity	H if		
	MH if		
	ML if		
	L if		
	H if		
	MH if		
	M if		
	ML if		
	L if		
	Functional Score	5	
Ecological Replacement Cost	H if		
	MH if		
	ML if		
	L if		
	H if		
	MH if		
	M if		
	ML if		
	L if		
	Functional Score	3	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		6	72
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			3	
				<b>472 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
472		0.028		<b>13.216</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	642+00	<b>Ending Station</b>	645+50	<b>Side of Road</b>	Left			
<b>Acres</b>	0.2110000	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1308	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	6	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	3	Not H and not MH and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Functional Score	6	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	6	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Erosion Sensitivity	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	5
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input checked="" type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	2



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>460 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
460		0.211		<b>97.06</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 895+00 Ending Station 895+00 Side of Road Left  
 Acreage 0.0000195 Cowardin Class PSS1H Impact or Mitigation Adjacent Wetland Enhanced  
 Date Assessed 6/4/2010 Assessor Maria Shepherd  
 Poly ID 1309 After

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
	L if	Wetland gradient is greater than 7%.
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.
	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	5
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input checked="" type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	2

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>460 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
460		1.948E-05		<b>0.008962</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	245+50	<b>Ending Station</b>	249+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.30500	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1310	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
		<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
		<input type="checkbox"/> Not H and not ML and not L.
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.		
<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.		
<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.		
Functional Score	5	
Regional Ecological Diversity	H if	
	MH if	
	ML if	
	L if	
	H if	
	MH if	
	M if	
	ML if	
	L if	
	Functional Score	5
Ecological Replacement Cost	H if	
	MH if	
	M if	
	ML if	
	L if	
	H if	
	MH if	
	M if	
	ML if	
	L if	
Functional Score	4	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>448 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
448		0.305		<b>136.64</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 347+50 Ending Station 318+50 Side of Road Left  
 Acreage 0.01300 Cowardin Class PSS1H Impact or Mitigation Adjacent Wetland Enhanced  
 Date Assessed 6/4/2010 Assessor Maria Shepherd  
 Poly ID 1311 After

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
Functional Score	3	
<b>Nutrient Export</b>	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.
Functional Score	6	

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	5	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	4	
	Functional Score	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>448 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
448		0.013		<b>5.824</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+50	<b>Ending Station</b>	653+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	1.43000	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1312	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	MH if	Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Nutrient Export</b>	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/>
	Functional Score		<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
		MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		Functional Score	6
		<b>Regional Ecological Diversity</b>	
		Functional Score	5
		<b>Ecological Replacement Cost</b>	
		Functional Score	3
			L if

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		6	72
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			3	
				<b>472 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
472		1.43		<b>674.96</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>		889+00	<b>Side of Road</b>		Left	
<b>Acreeage</b>	0.02000	<b>Cowardin Class</b>		PEM1B	<b>Impact or Mitigation</b>		Adjacent Wetland Enhanced	
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	1313	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		



Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.	
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.	
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.	
	Functional Score	6	
	Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	Functional Score	5	
	Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	3	
		L if	<input type="checkbox"/>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		6	72
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			3	
				<b>472 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
472		0.02		<b>9.44</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	888+50	<b>Ending Station</b>	889+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.02200	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1314	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	MH if	Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Nutrient Export</b>	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score			6					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
Erosion Sensitivity	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
		<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
		<input type="checkbox"/> Not H and not ML and not L.
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.		
<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.		
<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.		
Functional Score	6	
Regional Ecological Diversity	H if	
	MH if	
	ML if	
	L if	
	H if	
	MH if	
	M if	
	ML if	
	L if	
	Functional Score	5
Ecological Replacement Cost	H if	
	MH if	
	M if	
	ML if	
	L if	
	H if	
	MH if	
	M if	
	ML if	
	L if	
Functional Score	3	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		6	72
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			3	
				<b>472 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
472		0.022		<b>10.384</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 219+00 Ending Station 219+00 Side of Road Left  
 Acreage 0.00200 Cowardin Class PSS1H Impact or Mitigation Adjacent Wetland Enhanced  
 Date Assessed 6/4/2010 Assessor Maria Shepherd  
 Poly ID 1315 After

Function	Rating	Criteria (check the one that applies)	
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input checked="" type="checkbox"/>
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.	<input type="checkbox"/>
<b>Nutrient Export</b>	M if	Not H and not L.	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input checked="" type="checkbox"/>



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
		Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	3
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	4
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	5

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>440 Environmental Score</b>
<b>Environmental Score</b>				
440	X	Acreeage	=	<b>Functional Units</b>
		0.002		<b>0.88</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	218+00	<b>Ending Station</b>	219+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.05900	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1316	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MH if	<b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	6	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Nutrient Export</b>	ML if	Not H and not MH and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	4	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	1	
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	5	
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	<b>3</b>	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>4</b>	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>5</b>	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
454		0.059		<b>26.786</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 213+00 Ending Station 223+00 Side of Road Left  
 Acreage 2.27100 Cowardin Class PSS1H Impact or Mitigation Adjacent Wetland Enhanced  
 Date Assessed 6/4/2010 Assessor Maria Shepherd  
 Poly ID 1317 After

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
Functional Score 6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
	ML if	Not H and not MH and not L.
Functional Score 3	L if	Wetland gradient is greater than 7%.
	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
<b>Nutrient Export</b>	M if	Not H and not L.
	L if	There is no perennial stream within 200 feet of the wetland.

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if MH if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer. Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Recharge</b>	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
<b>Surface Hydrologic Control</b>	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input checked="" type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
<b>Recreational Use Potential</b>	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
	Functional Score	3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	5	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	4	
Functional Score	<input type="checkbox"/> L if <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>448 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
448		2.271		<b>1017.408</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	643+00	<b>Ending Station</b>	644+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.06500	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1318	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MH if	Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%. Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Functional Score</b>	ML if	Not H and not MH and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Nutrient Export</b>	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Functional Score</b>	2							

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	1	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Functional Score	5	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
Regional Ecological Diversity	H if	<input checked="" type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>440 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
440		0.065		28.6



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)	
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input checked="" type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input type="checkbox"/> Not H and not ML and not L.	
		MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		ML if	The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		L if	The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
			The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
			Not H, MH, or ML.
			Forest occupies most of the wetland <b>AND EITHER</b> peat soils are present <b>OR</b> maximum tree diameter is at least 40 inches.
			Forest occupies some of the wetland and peat soils are present.
			Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> Soil is non-peat, and forest vegetation predominates. <input checked="" type="checkbox"/>
			Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested. <input type="checkbox"/>
Functional Score	6		
Regional Ecological Diversity	H if		
	MH if		
	ML if		
	L if		
Functional Score	5		
Ecological Replacement Cost	H if		
	MH if		
	ML if		
	L if		
Functional Score	3		

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		6	72
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			3	
				<b>472 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
472		0.02		<b>9.44</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	649+50	<b>Ending Station</b>	651+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.18400	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1320	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	6	L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	2	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	L if	Not H and not L and not MH.
Functional Score	4	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
Erosion Sensitivity	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	L if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score	3	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		2	14
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>440 Environmental Score</b>
<b>Environmental Score</b>				
440	X	Acreeage	=	<b>Functional Units</b>
		0.184		<b>80.96</b>

Rating Score VL - 1 L - 2 ML - 3 M - 4 MH - 5 H - 6 VH - 7

Beginning Station 649+00 Ending Station 650+00 Side of Road Left  
 Acreage 0.06700 Cowardin Class PSS1H Impact or Mitigation Adjacent Wetland Enhanced  
 Date Assessed 6/3/2010 Assessor Maria Shepherd  
 Poly ID 1321 After

Function	Rating	Criteria (check the one that applies)
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal AND is either at the toe of a steep slope OR is on a slope greater than 15% OR is an alluvial fan or avalanche chute OR is intersected by or within 50 feet of a perennial stream.
	M if	Not H and not L.
	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream AND is not at the toe of a steep slope and not an alluvial fan.
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm OR is on a flat and has a slope of less than 3% OR Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.
	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% OR Wetland is tidal or primarily lacustrine, or regularly supports beaver.
<b>Functional Score</b>	3	Not H and not MH and not L.
		Wetland gradient is greater than 7%.
<b>Nutrient Export</b>	H if	Wetland is tidal OR Wetland is intersected by a perennial stream.
	M if	Not H and not L.
	6	There is no perennial stream within 200 feet of the wetland.

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	2	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	5	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	5	
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	5	
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	2	
Functional Score	<input type="checkbox"/> L if <input checked="" type="checkbox"/> L if	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>448 Environmental Score</b>
Environmental Score	X	Acreeage	=	Functional Units
448		0.067		<b>30.016</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	651+00	<b>Ending Station</b>		653+50	<b>Side of Road</b>		Left	
<b>Acreeage</b>	0.24200	<b>Cowardin Class</b>		PSS1H	<b>Impact or Mitigation</b>		Adjacent Wetland Enhanced	
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	1322	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	6	L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	4	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	1	
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score		<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
<b>Regional Ecological Diversity</b>		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
Functional Score		<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
		<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
Ecological Replacement Cost		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score		<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
		<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
454		0.242		109.868

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	757+50	<b>Ending Station</b>		761+00	<b>Side of Road</b>		Left	
<b>Acreeage</b>	0.05700	<b>Cowardin Class</b>		PEM1H	<b>Impact or Mitigation</b>		Adjacent Wetland Enhanced	
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	1323	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
Functional Score	5	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
Functional Score	1	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor. Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby. <input type="checkbox"/>
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond. <input type="checkbox"/> Not H, MH, or ML.
Functional Score	5	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input checked="" type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	2	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>448 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
448		0.057		<b>25.536</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	645+00	<b>Ending Station</b>	645+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.03600	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1324	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Nutrient Export</b>	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Functional Score	M if	Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	L if	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
Erosion Sensitivity	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	5	
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	



Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		5	60
Salmonid Habitat	12		0	0
Erosion Sensitivity	9		2	18
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>409 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
409		0.036		<b>14.724</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	241+00	<b>Ending Station</b>	241+00	<b>Side of Road</b>	Left			
<b>Acres</b>	0.00100	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/3/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1325	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	L if	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> <input type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input checked="" type="checkbox"/> <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	5
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input checked="" type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	2

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		6	60
Sediment/Toxicant Retention	10		3	30
Nutrient Export	7		6	42
Riparian Support	12		6	72
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		2	18
Surface Hydrologic Control	10		5	50
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		5	60
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			2	
				<b>460 Environmental Score</b>
Environmental Score	X	Acreeage	=	Functional Units
460		0.001		<b>0.46</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	215+00	<b>Ending Station</b>	220+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	1.86800	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1326	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	6	L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	4	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Functional Score	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
Functional Score	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	Functional Score	<b>3</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>5</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	<b>4</b>	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
454		1.868		<b>848.072</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	567+50	<b>Ending Station</b>		570+00	<b>Side of Road</b>		Left	
<b>Acreeage</b>	0.05400	<b>Cowardin Class</b>		PSS1H	<b>Impact or Mitigation</b>		Adjacent Wetland Enhanced	
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	1327	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	<b>3</b>	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input type="checkbox"/> Not H, MH, or ML.
Functional Score	<b>5</b>	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	M if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input checked="" type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
Functional Score	<b>4</b>	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
454		0.054		<b>24.516</b>



Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	642+00	<b>Ending Station</b>	644+50	<b>Side of Road</b>	Left			
<b>Acreeage</b>	1.61000	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1328	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MH if	<b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	6	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Nutrient Export</b>	ML if	Not H and not MH and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	4	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	1	Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	6	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
454		1.61		<b>730.94</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	650+50	<b>Ending Station</b>		654+00	<b>Side of Road</b>		Left	
<b>Acreeage</b>	1.61000	<b>Cowardin Class</b>		PSS1H	<b>Impact or Mitigation</b>		Adjacent Wetland Enhanced	
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	1329	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		



Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND</b> has <b>EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	MH if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	L if	<input type="checkbox"/> Not H, MH, or ML.
Functional Score	5	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	MH if	<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b>
	M if	<input checked="" type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	ML if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	L if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreeage	=	Functional Units
454		1.61		<b>730.94</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	649+50	<b>Ending Station</b>	652+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.06600	<b>Cowardin Class</b>	PSS1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1330	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	6	L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	4	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	1	Access is restricted and rearing habitat is poor quality.
<b>Erosion Sensitivity</b>	H if	Salmonid fish cannot access the wetland at any time.
	MH if	Wetland contains slope angles greater than 20%. Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
<b>Wildlife Support</b>	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<b>3</b>
<b>Regional Ecological Diversity</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>4</b>
<b>Ecological Replacement Cost</b>	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>5</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary Calculation</b>				
Environmental Score	X	Acreage	=	Functional Units
454		0.066		<b>29.964</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	250+00	<b>Ending Station</b>		250+50	<b>Side of Road</b>		Left	
<b>Acreeage</b>	1.86800	<b>Cowardin Class</b>		PSS1H	<b>Impact or Mitigation</b>		Adjacent Wetland Enhanced	
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	1331	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	ML if	Not H and not MH and not L.						
Functional Score	L if	Wetland gradient is greater than 7%.						
	H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.						
<b>Nutrient Export</b>	M if	Not H and not L.						
	L if	There is no perennial stream within 200 feet of the wetland.						



Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
	ML if	<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
Functional Score	3	
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	ML if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	4	
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.
	ML if	<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
Functional Score	5	

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Summary</b>				
Environmental Score	X	Acreage	=	Functional Units
454		1.868		<b>848.072</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	650+50	<b>Ending Station</b>	651+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	0.06600	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1332	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	6	L if	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.					
		H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.					
<b>Sediment Toxicant Retention</b>	MH if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	3	ML if	Not H and not MH and not L.					
Functional Score		L if	Wetland gradient is greater than 7%.					
		H if	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream.					
<b>Nutrient Export</b>	M if	Not H and not L.						
	6	L if	There is no perennial stream within 200 feet of the wetland.					

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage.
	ML if	Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	L if	Access is restricted but rearing habitat is at least fair <b>OR</b>
	VL if	Access is not restricted but rearing habitat quality is poor.
<b>Erosion Sensitivity</b>	H if	Access is restricted and rearing habitat is poor quality.
	MH if	Salmonid fish cannot access the wetland at any time.
	L if	Wetland contains slope angles greater than 20%.
	ML if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	L if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input checked="" type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score	3	

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
		<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
		<input type="checkbox"/> Not H and not ML and not L.
		<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
		<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft.
		<input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
		<input type="checkbox"/> Not H, MH, or ML.
		<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
<input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.		
<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest.		
<input type="checkbox"/> Soil is non-peat and none of the wetland is forested.		
Functional Score	5	
Regional Ecological Diversity	H if	
	MH if	
	ML if	
	L if	
	H if	
	MH if	
	M if	
	ML if	
	L if	
	Functional Score	5
Ecological Replacement Cost	H if	
	MH if	
	M if	
	ML if	
	L if	
	H if	
	MH if	
	M if	
	ML if	
	L if	
Functional Score	4	



0			
Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Functional Category</b>			
<b>Aquatic Support Category</b>			
Groundwater Discharge	10	6	60
Sediment/Toxicant Retention	10	3	30
Nutrient Export	7	6	42
Riparian Support	12	5	60
Salmonid Habitat	12	1	12
Erosion Sensitivity	9	5	45
<b>Human Use Support Category</b>			
Groundwater Recharge	9	2	18
Surface Hydrologic Control	10	5	50
Recreational Use Potential	7	3	21
<b>Terrestrial Support Category</b>			
Wildlife Support	12	5	60
Regional Ecological Diversity	10	5	50
Ecological Replacement Cost		4	
			<b>448 Environmental Score</b>
<b>Environmental Score</b>			
448	X	Acreeage	= Functional Units
		0.066	<b>29.568</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	647+00	<b>Ending Station</b>		650+50	<b>Side of Road</b>		Left	
<b>Acreeage</b>	1.61000	<b>Cowardin Class</b>		PSS1H	<b>Impact or Mitigation</b>		Adjacent Wetland Enhanced	
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>		Maria Shepherd				
<b>Poly ID</b>	1334	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.						
	M if	Not H and not L.						
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.						
		Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3% <b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.						
<b>Sediment Toxicant Retention</b>	H if	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.						
	MH if	Not H and not MH and not L.						
Functional Score	6	Wetland gradient is greater than 7%.						
		Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream. Not H and not L.						
<b>Nutrient Export</b>	H if	There is no perennial stream within 200 feet of the wetland.						
	M if							
Functional Score	4							

Function	Rating	Criteria (check the one that applies)
Riparian Support	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank. <b>OR</b> Wetland is intersected by an ephemeral stream or is with 50 feet of a perennial stream <b>AND</b> alder shrub covers more than 50% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 1% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
Salmonid Habitat	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
Functional Score	1	Access is restricted and rearing habitat is poor quality.
	VL if	Salmonid fish cannot access the wetland at any time.
Erosion Sensitivity	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
	L if	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.

Function	Rating	Criteria (check the one that applies)
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%. <input type="checkbox"/>
	M if	Not H and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream. <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography. <input checked="" type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography. <input type="checkbox"/>
	ML if	Not H and not MH and not L. <input type="checkbox"/>
Functional Score	L if	Wetland is tidal or has a slope of greater than 7%. <input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land. <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land. <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land. <input type="checkbox"/>
Functional Score		

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms.
	MH if	<input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails.
	ML if	<input checked="" type="checkbox"/> Not H and not ML and not L.
	L if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
		<b>3</b>
	<b>Regional Ecological Diversity</b>	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area. <input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<b>5</b>
	<b>Ecological Replacement Cost</b>	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	Functional Score	<b>4</b>
		<input checked="" type="checkbox"/> Forest occupies some of the wetland and peat soils are present. <input type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates. <input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.

<b>0</b>				
<b>Functional Category</b>	<b>Weighting Factor</b>	<b>X</b>	<b>Functional Score</b>	<b>= Raw Weighted Score</b>
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454 Environmental Score</b>
<b>Environmental Score</b>	<b>X</b>	<b>Acreeage</b>	<b>=</b>	<b>Functional Units</b>
454		1.61		<b>730.94</b>

Rating Score		VL - 1	L - 2	ML - 3	M - 4	MH - 5	H - 6	VH - 7
<b>Beginning Station</b>	650+00	<b>Ending Station</b>	651+00	<b>Side of Road</b>	Left			
<b>Acreeage</b>	1.61000	<b>Cowardin Class</b>	PEM1H	<b>Impact or Mitigation</b>	Adjacent Wetland Enhanced			
<b>Date Assessed</b>	6/4/2010	<b>Assessor</b>	Maria Shepherd					
<b>Poly ID</b>	1335	<b>After</b>						
<b>Function</b>	<b>Rating</b>	<b>Criteria (check the one that applies)</b>						
<b>Groundwater Discharge</b>	H if	Wetland is non-tidal <b>AND</b> is either at the toe of a steep slope <b>OR</b> is on a slope greater than 15% <b>OR</b> is an alluvial fan or avalanche chute <b>OR</b> is intersected by or within 50 feet of a perennial stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	M if	Not H and not L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	4	Wetland is tidal and is not intersected by or within 50 feet of a perennial stream <b>AND</b> is not at the toe of a steep slope and not an alluvial fan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Sediment Toxicant Retention</b>	H if	Wetland is a toe of a steep slope without being intercepted by a ditch or berm <b>OR</b> is on a flat and has a slope of less than 3%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MH if	<b>OR</b> Wetland is not intersected by a perennial or ephemeral stream and is on a slope of less than 3%.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	6	Wetland is not intersected by a perennial or ephemeral stream, and its gradient is less than 7% <b>OR</b> Wetland is tidal or primarily lacustrine, or regularly supports beaver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Nutrient Export</b>	ML if	Not H and not MH and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L if	Wetland gradient is greater than 7%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Score	4	Wetland is tidal <b>OR</b> Wetland is intersected by a perennial stream. Not H and not L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Functional Score	4	There is no perennial stream within 200 feet of the wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Function	Rating	Criteria (check the one that applies)
<b>Riparian Support</b>	H if	Wetland is intersected by a perennial stream, or is within an annual floodplain <b>AND EITHER</b> alder shrub covers at least half of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 90% of the vegetated area or stream bank <b>OR</b> wetland is intersected by an ephemeral stream <b>AND</b> alder shrub covers more than 90% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	MH if	Wetland is intersected by a perennial stream or is within it's annual floodplain <b>AND EITHER</b> alder shrub covers at least 1% of the vegetated area or stream bank <b>OR</b> deciduous shrubs/trees cover more than 50% of the vegetated area or stream bank.
	M if	Not H and not L and not MH.
	L if	There is no perennial or ephemeral stream within 50 feet of the wetland <b>AND</b> the wetland contains less than 1% deciduous shrubs/trees.
<b>Functional Score</b>	4	
<b>Salmonid Habitat</b>	VH if	Excellent habitat for anadromous salmonid rearing and/or major spawning <b>AND</b> documented use in both winter and summer.
	H if	Good habitat for anad. salmonid rearing and/or spawning <b>AND</b> documented use winter and/or summer.
	MH if	Primary use is for passage. Some documented use by anad. salmonids for rearing and/or spawning but numbers are low <b>OR</b> habitat is fair.
	ML if	Access is restricted but rearing habitat is at least fair <b>OR</b> Access is not restricted but rearing habitat quality is poor.
<b>Functional Score</b>	1	
	VL if	Access is restricted and rearing habitat is poor quality. Salmonid fish cannot access the wetland at any time.
<b>Erosion Sensitivity</b>	H if	Wetland contains slope angles greater than 20%.
	MH if	Wetland contains slopes of 3-20% and is not dominantly forested, <b>AND</b> having <b>EITHER</b> ground water discharge conditions <b>OR</b> soils considered to be more physically sensitive to erosion <b>OR</b> if stream data are available, mean bank stability was rated less than "2."
	ML if	Contains slope angles of 3-20% and predominantly forested <b>OR</b> if stream data are available, mean bank stability was rated 2-3.
<b>Functional Score</b>	5	Contains slope angles generally less than 3% <b>OR</b> if stream data are available, mean bank stability was rated 3-4.



Function	Rating	Criteria (check the one that applies)	
Groundwater Recharge	H if	Wetland is not in an alluvial fan or avalanche chute, or tidal area <b>AND</b> Wetland is not intersected by a perennial stream or within 50 feet of one, and is either on a plateau <b>OR</b> has a slope of mostly less than 7%.	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
	M if	Not H and not L.	<input type="checkbox"/>
Functional Score	L if	Wetland is tidal <b>OR</b> is intersected by a perennial stream.	<input type="checkbox"/> <input type="checkbox"/>
Surface Hydrologic Control	H if	Wetland is non-tidal and is on a slope of less than 3% and is not intersected by a stream <b>OR</b> Wetland is not in a mid-slope or toe-slope position and is in a floodplain <b>OR</b> has extensive seasonal ponding of surface water or has extensive and large pit-mound topography.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	MH if	Wetland is non-tidal and slope is less than 7% <b>OR</b> has moderate water level fluctuations <b>OR</b> has extensive but mild pit-mound topography.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	ML if	Not H and not MH and not L.	<input type="checkbox"/>
	L if	Wetland is tidal or has a slope of greater than 7%.	<input type="checkbox"/>
Recreational Use Potential	H if	Developed hiking trails go to or near wetland, and wetland is within 0.5 mi of trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
	M if	Developed hiking trails go to or near the wetland, but is farther than 0.5 mile from trailhead <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input type="checkbox"/>
	ML if	No trails are within 100 feet of wetland, but the wetland is within 0.5 mile of a road <b>AND</b> wetland is on public land.	<input type="checkbox"/> <input checked="" type="checkbox"/>
	L if	No hiking trails go to or near the wetland, and wetland is more than 0.5 mile from road <b>AND</b> wetland is on private land.	<input type="checkbox"/> <input type="checkbox"/>
Functional Score			3

Function	Rating	Criteria (check the one that applies)
Wildlife Support	H if	<input type="checkbox"/> Wetland is tidal <b>OR</b> <input type="checkbox"/> contains or adjoins at least 1 acre of perennially ponded non-tidal water <b>OR</b> <input type="checkbox"/> wetland is contiguous to a large forested tract and not separated from it by roads, and has little or no uphill development, and has not been altered by nearby ditches or roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not primarily wetland moss and is distant from the nearest residence, or has many vegetation structural forms <b>OR</b> <input type="checkbox"/> does not create such a gap and is not within 100 feet of a residence, and has more than 90% total tree cover or more than 50% deciduous tree/shrub cover, or has salmonid access or at least on large-diameter tree, or extensive pit-mound topography, or many vegetation forms. <input type="checkbox"/> Wetland is contiguous to a large forested tract and not separated from it by roads, and has less than 10% cover of non-native plants <b>AND EITHER</b> <input type="checkbox"/> creates a gap in the canopy of an extensive surrounding forest and is not within 100 ft of a residence and has some diversity of vegetation structural forms <b>OR</b> <input type="checkbox"/> has more than 50% deciduous tree/shrub cover or is intersected by or within 50 ft of a perennial stream or is more than 0.5 mile from a road and lacks developed trails. <input checked="" type="checkbox"/> Not H and not ML and not L.
	MH if	<input type="checkbox"/> Wetland does not create a gap in the canopy of an extensive surrounding forest, and is not tidal, and is not within 500 ft of a perennially ponded non-tidal water, and does not have salmonid access, and has no large-diameter trees, and has little or no pit-mound topography, <b>AND has EITHER</b> <input type="checkbox"/> > 90% moss cover, or more than 10% cover of non-native plants, or only a few vegetation structural forms <b>OR</b> <input type="checkbox"/> is not contiguous to a large forested tract and has any of the following; extensive development in uphill areas, or is close to a residence, or has been altered by nearby ditches or roads, or has developed trails and a trailhead nearby.
	ML if	<input type="checkbox"/> The wetland contains a Cowardin class for which fewer than 5 exist in the study area.
	L if	<input checked="" type="checkbox"/> The wetland is not isolated from natural landcover, and has a scrub/shrub component bordering (or existing as) a stream or pond. Bordering means within 300 ft. <input type="checkbox"/> The wetland is not isolated from major forest tracts and has a forested component bordering a stream or pond.
	Functional Score	<b>3</b>
Regional Ecological Diversity	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>4</b>
Ecological Replacement Cost	H if	<input type="checkbox"/> Forest occupies most of the wetland <b>AND EITHER</b> <input type="checkbox"/> peat soils are present <b>OR</b> <input type="checkbox"/> maximum tree diameter is at least 40 inches.
	MH if	<input type="checkbox"/> Forest occupies some of the wetland and peat soils are present.
	ML if	<input checked="" type="checkbox"/> Soil is peat and wetland contains exclusively non-forest vegetation <b>OR</b> <input type="checkbox"/> Soil is non-peat, and forest vegetation predominates.
	L if	<input type="checkbox"/> Soil is non-peat, and at least some of the wetland is forest. <input type="checkbox"/> Soil is non-peat and none of the wetland is forested.
	Functional Score	<b>5</b>

Environmental Score Calculation				
Functional Category	Weighting Factor	X	Functional Score	= Raw Weighted Score
<b>Aquatic Support Category</b>				
Groundwater Discharge	10		4	40
Sediment/Toxicant Retention	10		6	60
Nutrient Export	7		4	28
Riparian Support	12		4	48
Salmonid Habitat	12		1	12
Erosion Sensitivity	9		5	45
<b>Human Use Support Category</b>				
Groundwater Recharge	9		6	54
Surface Hydrologic Control	10		6	60
Recreational Use Potential	7		3	21
<b>Terrestrial Support Category</b>				
Wildlife Support	12		3	36
Regional Ecological Diversity	10		5	50
Ecological Replacement Cost			4	
				<b>454</b>
<b>Environmental Score</b>				
454		X	<b>Functional Units</b>	
	1.61	=	<b>730.94</b>	

## **APPENDIX C**

### **Polygon Spreadsheet**

Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
PEM1H	Haf	Herbaceous Swamp	0.010	Wetland Impacted by Footprint	192+00	193+00	L	No change in alignment from 2006	Design Criteria		1	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.000	Wetland Impacted by Footprint	193+50	193+50	L	No change in alignment from 2006	Design Criteria		2	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.000	Wetland Impacted by Footprint	194+50	194+50	L	No change in alignment from 2006	Design Criteria		3	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.618	Wetland Impacted by Footprint	212+00	222+50	L	No change in alignment from 2006	Design Criteria		4	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H			0.642	New Stream Created	213+00	222+50	L			Yes	5	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
R3OW	W	River	0.107	Wetland Impacted by Footprint	494+50	500+50	L	No change in alignment from 2006	Wetlands on either side of highway		6	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.023	New Stream Created	217+50	217+50	L			Yes	7	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.025	New Stream Created	219+00	219+50	R			Yes	8	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H			0.014	New Stream Created	219+50	220+00	L			Yes	9	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
PSS1H			0.090	Wetland Impacted by Mitigation	220+00	222+50	L			Yes	10	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H			0.055	Wetland Impacted by Mitigation	221+00	222+50	L			Yes	11	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H			0.006	Wetland Impacted by Mitigation	220+00	222+50	L			Yes	13	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream			0.008	Wetland Impacted by Mitigation	222+50	222+50	L			Yes	14	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream			0.001	Fill & Cut Enhanced	223+00	222+50	L			Yes	15	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.010	Wetland Impacted by Footprint	219+50	220+00	L	No change in alignment from 2006	Design Criteria		16	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.006	Wetland Impacted by Footprint	220+50	221+00	L	No change in alignment from 2006	Design Criteria		18	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.001	Wetland Impacted by Footprint	221+00	221+00	L	No change in alignment from 2006	Design Criteria		19	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.004	Wetland Impacted by Footprint	221+00	221+50	L	No change in alignment from 2006	Design Criteria		20	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.005	Wetland Impacted by Footprint	221+50	222+50	L	No change in alignment from 2006	Property Acquisition		22	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.004	New Stream Created	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway		23	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	Impacted Stream Replacement & New Stream Created	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway		24	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	New Stream Created	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway		25	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.011	Stream Impacted by Footprint	222+50	223+00	L,R	No change in alignment from 2006	Property Acquisition		26	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.003	Wetland Impacted by Footprint	222+50	222+50	L	No change in alignment from 2006	Property Acquisition		27	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.219	Wetland Impacted by Footprint	222+00	228+00	L	No change in alignment from 2006	Property Acquisition		28	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.007	Wetland Impacted by Footprint	224+00	225+00	L	No change in alignment from 2006	Property Acquisition		29	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.002	Wetland Impacted by Footprint	226+00	226+00	L	No change in alignment from 2006	Property Acquisition		30	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.038	Wetland Impacted by Footprint	228+00	229+00	L	No change in alignment from 2006	Property Acquisition		31	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.010	Impacted Stream Replacement	228+00	229+00	L	No change in alignment from 2006	Property Acquisition	Yes1	32	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.003	Wetland Impacted by Footprint	228+50	228+50	L	No change in alignment from 2006	Property Acquisition		33	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	228+50	228+50	L	No change in alignment from 2006	Property Acquisition	Yes1	34	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.014	New Stream Created	228+50	229+00	L	No change in alignment from 2006	Property Acquisition	Yes1	35	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.000	Wetland Impacted by Footprint	229+00	229+00	L	No change in alignment from 2006	Property Acquisition	Yes1	36	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	Impacted Stream Replacement & New Stream Created	229+50	229+00	L	No change in alignment from 2006	Property Acquisition	Yes1	37	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.008	Stream Impacted by Footprint	228+00	229+00	L,R	No change in alignment from 2006	Property Acquisition	Yes1	38	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.058	Wetland Impacted by Footprint	229+00	230+00	L	No change in alignment from 2006	Property Acquisition	Yes1	39	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.487	Wetland Impacted by Footprint	230+00	240+50	L	No change in alignment from 2006	Wetland on either side of highway		40	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Marsh	0.076	Wetland Impacted by Footprint	232+00	234+00	R	No change in alignment from 2006	Wetland on either side of highway		41	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Marsh	0.075	Wetland Impacted by Footprint	234+50	236+00	R	No change in alignment from 2006	Wetland on either side of highway		42	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.001	Wetland Impacted by Footprint	234+50	234+50	L	No change in alignment from 2006	Wetland on either side of highway		43	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.001	Wetland Impacted by Footprint	234+00	234+00	L	No change in alignment from 2006	Wetland on either side of highway		44	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.067	Wetland Impacted by Footprint	236+50	240+50	R	No change in alignment from 2006	Wetland on either side of highway		45	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.031	Wetland Impacted by Footprint	238+00	239+00	L	No change in alignment from 2006	Wetland on either side of highway		46	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.015	Impacted Stream Replacement	239+00	240+50	L	No change in alignment from 2006	Wetland on either side of highway		47	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.001	Wetland Impacted by Footprint	239+00	240+00	L	No change in alignment from 2006	Wetland on either side of highway		48	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.001	Wetland Impacted by Footprint	240+00	240+00	L	No change in alignment from 2006	Wetland on either side of highway		49	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.001	Wetland Impacted by Footprint	240+00	240+50	L	No change in alignment from 2006	Wetland on either side of highway		50	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway		51	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream

Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
PSS1H	Stc	Shrub Swamp	0.025	New Stream Created	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway	Yes	52	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.000	Wetland Impacted by Footprint	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway		53	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.001	New Stream Created	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway		54	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.000	Wetland Impacted by Footprint	240+50	240+50	L	No change in alignment from 2006	Wetland on either side of highway		55	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.007	Stream Impacted by Footprint	240+50	240+50	L,R	No change in alignment from 2006	Wetland on either side of highway		56	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.141	Wetland Impacted by Footprint	240+50	243+00	L	No change in alignment from 2006	Wetland on either side of highway		57	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Sto	Shrub Swamp	0.397	Wetland Impacted by Footprint	240+50	248+50	R	No change in alignment from 2006	Wetland on either side of highway		58	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.000	Wetland Impacted by Footprint	242+50	242+50	L	No change in alignment from 2006	Wetland on either side of highway		59	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.275	Wetland Impacted by Footprint	243+00	248+50	L	No change in alignment from 2006	Wetland on either side of highway	Yes6	60	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.003	Stream Impacted by Footprint	245+00	245+00	L	No change in alignment from 2006	Wetland on either side of highway		61	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.003	Impacted Stream Replacement	249+00	249+00	L	No change in alignment from 2006	Wetland on either side of highway		62	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	246+00	246+00	L	No change in alignment from 2006	Wetland on either side of highway	Yes6	63	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	Impacted Stream Replacement	248+50	248+50	L	No change in alignment from 2006	Wetland on either side of highway	Yes6	65	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.008	Impacted Stream Replacement	248+50	248+50	L,R	No change in alignment from 2006	Wetland on either side of highway	Yes6	66	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	248+50	248+50	L	No change in alignment from 2006	Wetland on either side of highway	Yes6	67	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.000	New Stream Created	248+50	248+50	L	No change in alignment from 2006	Wetland on either side of highway	Yes6	68	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	New Stream Created	248+50	248+50	L	No change in alignment from 200	Wetland on either side of highway	Yes6	69	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.585	Wetland Impacted by Footprint	248+50	261+00	L	No change in alignment from 2006	Wetland on either side of highway		70	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Sto	Shrub Swamp	0.352	Wetland Impacted by Footprint	248+50	255+50	R	No change in alignment from 2006	Wetland on either side of highway		71	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.582	Wetland Impacted by Footprint	256+00	269+50	R	No change in alignment from 2006	Wetland on either side of highway		72	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.034	Wetland Impacted by Footprint	260+50	261+50	L	No change in alignment from 2006	Wetland on either side of highway		73	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.020	Wetland Impacted by Footprint	261+50	262+50	L	No change in alignment from 2006	Wetland on either side of highway		74	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.525	Wetland Impacted by Footprint	262+00	278+00	L	No change in alignment from 2006	Wetland on either side of highway		75	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
R3OW	W	River	0.003	Wetland Impacted by Footprint	263+00	263+50	L	No change in alignment from 2006	Wetland on either side of highway		76	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.023	Wetland Impacted by Footprint	264+50	266+00	L	No change in alignment from 2006	Wetland on either side of highway		77	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1B	Sto	Fresh Sedge Meadow	0.338	Wetland Impacted by Footprint	269+50	277+00	R	No change in alignment from 2006	Wetland on either side of highway / Significant Rock Cut		78	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Sto	Shrub Swamp	0.176	Wetland Impacted by Footprint	277+50	283+50	L	No change in alignment from 2006	Wetland on either side of highway / Significant Rock Cut		79	15-20	Less than 50ft from Stream	Slope 15-20 AND Less than 50ft from Stream
PEM1B	Hgm	Fresh Sedge Meadow	0.049	Wetland Impacted by Footprint	284+50	286+00	R	No change in alignment from 2006	Significant Rock Cut		80	>20	Less than 50ft from Stream	Slope >20 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.009	Stream Impacted by Footprint	293+00	293+00	L,R	No change in alignment from 2006	Significant Rock Cut		81	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R3OW	W	River	0.038	Wetland Impacted by Footprint	296+50	301+00	L	Avoid private property & stay within ROW	Significant Rock Cut		82	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.105	Wetland Impacted by Footprint	301+00	306+00	L	Avoid private property & stay within ROW	Significant Rock Cut		83	7-15	Less than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.098	Wetland Impacted by Footprint	308+00	310+00	L	Avoid private property & stay within ROW	Significant Rock Cut		84	7-15	Less than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.059	Wetland Impacted by Footprint	312+50	314+50	L	No change in alignment from 2006	Significant Rock Cut		85	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.008	Stream Impacted by Footprint	314+50	314+50	L,R	No change in alignment from 2006	Significant Rock Cut		86	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.045	Wetland Impacted by Footprint	315+00	316+00	L	No change in alignment from 2006	Significant Rock Cut		87	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.171	Wetland Impacted by Footprint	316+00	319+00	L	No change in alignment from 2006	Significant Rock Cut		88	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	Impacted Stream Replacement	318+50	318+50	L	No change in alignment from 2006	Significant Rock Cut		89	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	Impacted Stream Replacement	318+00	318+00	L	No change in alignment from 2006	Significant Rock Cut		90	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	317+50	317+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	91	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.013	New Stream Created	317+50	318+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	92	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	318+50	318+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	93	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.002	Rootwad	317+50	317+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	94	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.004	Rootwad	317+50	317+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	95	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.001	Rootwad	317+50	317+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	96	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.004	Rootwad	317+50	317+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	97	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.001	Rootwad	318+00	318+00	L	No change in alignment from 2006	Significant Rock Cut	Yes	98	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream

Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
PSS1H	Stc	Shrub Swamp	0.004	Rootwad	318+00	318+00	L	No change in alignment from 2006	Significant Rock Cut	Yes	99	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.003	Rootwad	318+00	318+00	L	No change in alignment from 2006	Significant Rock Cut	Yes	100	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.003	Rootwad	318+00	318+00	L	No change in alignment from 2006	Significant Rock Cut	Yes	101	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.003	Rootwad	318+50	318+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	102	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.003	Rootwad	318+50	318+50	L	No change in alignment from 2006	Significant Rock Cut	Yes	103	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.009	Stream Impacted by Footprint	319+00	319+00	L,R	No change in alignment from 2006	Significant Rock Cut		104	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.450	Wetland Impacted by Footprint	319+00	325+00	L	No change in alignment from 2006	Significant Rock Cut		105	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.010	Stream Impacted by Footprint	324+50	325+00	L,R	No change in alignment from 2006	Significant Rock Cut		106	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.726	Wetland Impacted by Footprint	325+00	340+00	L	No change in alignment from 2006	Significant Rock Cut		107	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Sto	Shrub Swamp	0.254	Wetland Impacted by Footprint	331+00	340+50	R	No change in alignment from 2006	Wetland on either side of the highway		108	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.000	Wetland Impacted by Footprint	346+00	346+00	R	No change in alignment from 2006	Design Criteria		109	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1B	Hgm	Fresh Sedge Meadow	0.037	Wetland Impacted by Footprint	347+00	348+00	R	No change in alignment from 2006	Design Criteria		110	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.000	Wetland Impacted by Footprint	349+00	349+00	R	No change in alignment from 2006	Significant Rock Cut / Design Criteria		111	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.008	Stream Impacted by Footprint	350+00	350+00	L,R	No change in alignment from 2006	Significant Rock Cut / Design Criteria / wetland either		112	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.000	Wetland Impacted by Footprint	350+00	350+00	L	No change in alignment from 2006	Property Acquisition / significant rock cut		113	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R30W	W	River	0.065	Wetland Impacted by Footprint	350+00	356+00	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria		114	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.078	Wetland Impacted by Footprint	364+00	366+50	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria / wetland either		115	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.008	Stream Impacted by Footprint	366+50	366+50	L,R	No change in alignment from 2006	Significant Rock Cut / Design Criteria		116	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.012	Wetland Impacted by Footprint	366+50	367+50	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria / wetland either		117	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.008	Stream Impacted by Footprint	369+00	369+00	L,R	No change in alignment from 2006	Property Acquisition / significant rock cut		118	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.118	Wetland Impacted by Footprint	370+00	375+00	L	No change in alignment from 2006	Property Acquisition / significant rock cut		119	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.891	Wetland Impacted by Footprint	379+00	391+00	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria / wetland either		120	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.004	Stream Impacted by Footprint	382+00	382+00	R	No change in alignment from 2006	Property Acquisition / significant rock cut		121	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.002	Wetland Impacted by Footprint	392+50	393+00	R	No change in alignment from 2006	Property Acquisition / significant rock cut		122	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
R30W	W	River	0.003	Wetland Impacted by Footprint	395+00	396+00	L	No change in alignment from 2006	Property Acquisition / significant rock cut		123	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R30W	W	River	0.018	Wetland Impacted by Footprint	396+00	398+00	L	No change in alignment from 2006	Property Acquisition / significant rock cut		124	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.489	Wetland Impacted by Footprint	411+00	416+50	L	Move away from Eagle Preserve	Property Acquisition / significant rock cut		125	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.010	Stream Impacted by Footprint	420+00	420+00	L,R	Move away from Eagle Preserve	Property Acquisition / significant rock cut		126	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	2.291	Wetland Impacted by Footprint	428+50	446+00	L,R	Move away from Eagle Preserve	Property Acquisition / significant rock cut		127	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.016	Wetland Impacted by Footprint	448+50	451+00	L	Moved away from private property	Property Acquisition / significant rock cut		128	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.089	Wetland Impacted by Footprint	453+00	457+00	L	Moved away from private property	Property Acquisition / significant rock cut		129	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.253	Wetland Impacted by Footprint	458+00	463+50	L	Moved away from private property	Property Acquisition / significant rock cut		130	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.000	Wetland Impacted by Footprint	466+00	466+00	L	Moved away from private property	Property Acquisition / significant rock cut		131	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.991	Wetland Impacted by Footprint	469+50	483+50	R	Moved away from private property	Wetlands on either side of highway		132	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.259	Wetland Impacted by Footprint	470+00	483+00	L	Moved away from private property	Wetlands on either side of highway		133	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.010	Stream Impacted by Footprint	483+00	483+50	L,R	No change in alignment from 2006	Wetlands on either side of highway		134	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.009	Wetland Impacted by Footprint	483+00	484+00	L	No change in alignment from 2006	Wetlands on either side of highway		135	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.718	Wetland Impacted by Footprint	483+50	489+50	L,R	No change in alignment from 2006	Wetlands on either side of highway		136	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1B	Hgm	Fresh Sedge Meadow	1.678	Wetland Impacted by Footprint	486+50	510+50	L,R	No change in alignment from 2006	Wetlands on either side of highway		137	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.047	Wetland Impacted by Footprint	493+00	494+00	R	No change in alignment from 2006	Wetlands on either side of highway		138	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Marsh	0.092	Wetland Impacted by Footprint	505+00	507+50	R	No change in alignment from 2006	Wetlands on either side of highway		139	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Marsh	0.070	Wetland Impacted by Footprint	511+50	512+50	R	No change in alignment from 2006	Wetlands on either side of highway		140	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.175	Wetland Impacted by Footprint	509+00	512+50	L	No change in alignment from 2006	Wetlands on either side of highway		141	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflow Stream	Interflow Stream	Interflow Stream	0.013	Stream Impacted by Footprint	512+00	512+50	L,R	No change in alignment from 2006	Wetlands on either side of highway		142	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Marsh	0.101	Wetland Impacted by Footprint	512+50	514+00	R	Moved away from private property	Wetlands on either side of highway		143	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.647	Wetland Impacted by Footprint	512+00	523+50	L	Moved away from private property	Wetlands on either side of highway		144	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream

Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
PEM1H	Haf	Herbaceous Swamp	0.108	Reveg Enhanced	512+50	514+50	L	Moved away from private property	Wetlands on either side of highway	Yes	145	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.272	Reveg Enhanced	514+50	518+50	L	Moved away from private property	Wetlands on either side of highway	Yes	146	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.455	Protected Vegetation	518+50	522+00	L	Moved away from private property	Wetlands on either side of highway	Yes	147	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.013	Impacted Stream Replacement	518+00	520+00	L	Moved away from private property	Wetlands on either side of highway		148	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Sto	Shrub Swamp	0.388	Wetland Impacted by Footprint	523+50	531+50	R	No change in alignment from 2006	Wetland on either side of highway / property acquisition		149	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Fbc	Black Cottonwood Forest	0.278	Wetland Impacted by Footprint	523+50	529+50	L	No change in alignment from 2006	Wetland on either side of highway / property acquisition	Yes	150	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Shrub Swamp	0.001	New Stream Created	529+00	529+00	L	No change in alignment from 2006	Wetland on either side of highway / property acquisition	Yes	151	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.032	New Stream Created	529+00	530+50	L	No change in alignment from 2006	Wetland on either side of highway / property acquisition	Yes	152	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Shrub Swamp	0.000	New Stream Created	529+00	530+50	L	No change in alignment from 2006	Wetland on either side of highway / property acquisition	Yes	153	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.081	Wetland Impacted by Footprint	529+50	531+50	L	No change in alignment from 2006	Wetland on either side of highway / property acquisition		154	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.009	Stream Impacted by Footprint	531+50	531+50	L,R	No change in alignment from 2006	Design Criteria		155	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Sto	Shrub Swamp	0.411	Wetland Impacted by Footprint	531+00	540+50	R	No change in alignment from 2006	Design Criteria		156	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.873	Wetland Impacted by Footprint	531+00	555+50	L	No change in alignment from 2006	Design Criteria		157	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.057	Wetland Impacted by Footprint	555+50	558+00	L	No change in alignment from 2006	Design Criteria		158	7-15	More than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.001	Wetland Impacted by Footprint	558+00	558+50	L	No change in alignment from 2006	Design Criteria		159	3-7	More than 50ft from Stream	Slope 3-7 AND More than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.887	Wetland Impacted by Footprint	559+00	584+00	L	No change in alignment from 2006	Design Criteria		160	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Herbaceous Swamp	0.001	New Stream Created	568+00	568+00	L	No change in alignment from 2006	Design Criteria	Yes	161	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.025	New Stream Created	568+00	569+50	L	No change in alignment from 2006	Design Criteria	Yes	162	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Herbaceous Swamp	0.001	New Stream Created	569+50	569+50	L	No change in alignment from 2006	Design Criteria	Yes	163	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.000	Wetland Impacted by Footprint	568+50	568+50	L	No change in alignment from 2006	Design Criteria		164	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.016	Impacted Stream Replacement	568+00	569+50	L	No change in alignment from 2006	Design Criteria		165	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.001	Wetland Impacted by Footprint	569+00	569+00	L	No change in alignment from 2006	Design Criteria		166	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.001	Wetland Impacted by Footprint	584+00	584+00	L	No change in alignment from 2006	Design Criteria		167	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.171	Wetland Impacted by Footprint	584+00	588+00	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria		168	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R3OW	W	River	0.063	Wetland Impacted by Footprint	584+00	587+00	L	No change in alignment from 2006	Design Criteria		169	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.042	Wetland Impacted by Footprint	588+00	589+00	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria		170	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.011	Stream Impacted by Footprint	589+00	589+00	L,R	No change in alignment from 2006	Wetland on either side of highway		171	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.019	Wetland Impacted by Footprint	589+50	590+50	L	No change in alignment from 2006	Wetland on either side of highway		172	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Sto	Shrub Swamp	1.609	Wetland Impacted by Footprint	589+50	606+50	L,R	No change in alignment from 2006	Wetland on either side of highway		173	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1B	Hgm	Fresh Sedge Meadow	0.376	Wetland Impacted by Footprint	597+00	605+50	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria		174	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.008	Stream Impacted by Footprint	606+50	606+50	L,R	No change in alignment from 2006	Significant Rock Cut / Design Criteria		175	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Sto	Shrub Swamp	0.011	Wetland Impacted by Footprint	606+50	607+00	R	No change in alignment from 2006	Significant Rock Cut / Design Criteria		176	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.022	Wetland Impacted by Footprint	610+00	612+00	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria		177	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PFOIC	Fbc	Seasonally Flooded Black Cottonwood Forest	0.411	Wetland Impacted by Footprint	624+00	633+00	L	No change in alignment from 2006	Significant Rock Cut / Design Criteria		178	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.378	Wetland Impacted by Footprint	624+50	631+50	R	No change in alignment from 2006	Wetland on either side of highway		179	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.011	Stream Impacted by Footprint	647+50	647+50	L,R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		180	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.232	Wetland Impacted by Footprint	641+50	647+50	L	No change in alignment from 2006	Design Criteria		181	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Herbaceous Swamp	0.002	New Stream Created	642+00	642+00	L	No change in alignment from 2006	Design Criteria	Yes	182	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.056	New Stream Created	642+00	645+50	L	No change in alignment from 2006	Design Criteria	Yes	183	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Herbaceous Swamp	0.001	New Stream Created	645+50	645+50	L	No change in alignment from 2006	Design Criteria	Yes	184	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.000	Wetland Impacted by Footprint	645+50	645+50	L	No change in alignment from 2006	Design Criteria		185	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.004	Impacted Stream Replacement	645+50	645+50	L	No change in alignment from 2006	Design Criteria		186	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	647+50	647+50	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway	Yes	187	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.114	New Stream Created	653+00	653+00	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		188	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.053	Wetland Impacted by Footprint	647+50	648+50	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		189	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Slo	Shrub Swamp	0.005	Wetland Impacted by Footprint	647+00	647+50	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		190	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Slo	Shrub Swamp	0.018	Wetland Impacted by Footprint	647+50	679+00	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		191	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream



Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.038	Impacted Stream Replacement	647+50	651+00	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		192	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.001	Impacted Stream Replacement & New Stream Created	647+50	647+50	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		193	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream	Slo	Shrub Swamp	0.003	New Stream Created	647+50	647+50	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway	Yes	194	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Slo	Shrub Swamp	0.002	New Stream Created	647+50	647+50	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway	Yes	195	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.225	Wetland Impacted by Footprint	648+50	653+00	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		196	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Slo	Shrub Swamp	0.028	New Stream Created	647+50	649+50	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway	Yes	197	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.001	New Stream Created	649+50	649+50	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway	Yes	198	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Slo	Shrub Swamp	0.005	New Stream Created	649+50	650+00	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway	Yes	199	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.001	New Stream Created	650+00	650+00	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway	Yes	200	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1E	Slo	Shrub Swamp	0.134	Rootwad	649+50	652+00	L			Yes	201	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E			0.000	Wetland Impacted by Footprint	649+50	650+00	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		202	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.001	Impacted Stream Replacement	651+50	651+50	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		203	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.003	Proposed Culvert	653+00	653+00	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		204	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.092	Wetland Impacted by Footprint	653+00	654+50	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		205	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.003	Stream Impacted by Footprint	654+00	655+00	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		206	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.279	Wetland Impacted by Footprint	663+00	671+00	R	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		207	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.133	Wetland Impacted by Footprint	665+50	671+50	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		208	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.000	Wetland Impacted by Footprint	672+00	672+00	L	No change in alignment from 2006	Design Criteria / Wetland on either side of highway		209	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R30W	W	River	0.188	Wetland Impacted by Footprint	678+00	683+50	L	No change in alignment from 2006	Design Criteria / Significant Rock Cut		210	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R30W	W	River	0.022	Wetland Impacted by Footprint	695+50	697+50	L	No change in alignment from 2006	Design Criteria		211	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1B	Haf	Herbaceous Swamp	0.214	Wetland Impacted by Footprint	708+50	711+50	L,R	No change in alignment from 2006	Design Criteria / Significant Rock Cut		212	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.018	Stream Impacted by Footprint	710+50	711+50	L,R	No change in alignment from 2006	Wetland on either side of highway		213	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1B	Haf	Herbaceous Swamp	0.296	Wetland Impacted by Footprint	711+00	714+50	L,R	No change in alignment from 2006	Wetland on either side of highway		214	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.001	Stream Impacted by Footprint	712+50	712+50	R	No change in alignment from 2006	Wetland on either side of highway		215	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.359	Wetland Impacted by Footprint	712+00	721+00	L	No change in alignment from 2006	Wetland on either side of highway		216	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
PSS1H	Sto	Shrub Swamp	0.268	Wetland Impacted by Footprint	714+00	718+00	R	No change in alignment from 2006	Design Criteria / Significant Rock Cut		217	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Upland			0.038	New Stream Created	734+00	736+50	R	No change in alignment from 2006	Design Criteria / Significant Rock Cut	Yes	218	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.043	Wetland Impacted by Footprint	734+00	736+00	L	No change in alignment from 2006	Design Criteria / Significant Rock Cut		219	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R30W	W	River	0.337	Stream Impacted by Footprint	733+00	736+00	L	No change in alignment from 2006	Design Criteria / Significant Rock Cut	Yes	220	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1B	Hgm	Fresh Sedge Meadow	0.012	Wetland Impacted by Footprint	736+00	737+00	L	No change in alignment from 2006	Design Criteria / Significant Rock Cut		221	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream			0.001	New Stream Created	736+50	736+50	R	No change in alignment from 2006	Design Criteria / Significant Rock Cut	Yes	222	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Upland			0.009	New Stream Created	736+50	737+00	R	No change in alignment from 2006	Design Criteria / Significant Rock Cut	Yes	223	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.074	Impacted Stream Replacement	736+50	740+50	L,R	No change in alignment from 2006	Design Criteria / Significant Rock Cut		224	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interfluv Stream			0.001	New Stream Created	737+00	737+00	R	Match existing highway better	Design Criteria / Significant Rock Cut	Yes	225	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Upland			0.019	New Stream Created	737+00	738+50	R	Match existing highway better	Design Criteria / Significant Rock Cut	Yes	226	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interfluv Stream			0.001	New Stream Created	738+50	738+50	R	Match existing highway better	Design Criteria / Significant Rock Cut	Yes	227	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Upland			0.028	New Stream Created	738+50	740+50	R	Match existing highway better	Design Criteria / Significant Rock Cut	Yes	228	>20	Intersecting Stream	Slope >20 AND Intersecting Stream
PEM1B	Hgm	Fresh Sedge Meadow	0.031	Wetland Impacted by Footprint	737+00	739+00	L	Match existing highway better	Design Criteria / Significant Rock Cut		229	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R30W	W	River	0.081	Wetland Impacted by Footprint	757+50	761+00	L	Match existing highway better	Design Criteria / Significant Rock Cut		230	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.000	Wetland Impacted by Footprint	762+00	762+00	L	Match existing highway better	Design Criteria / Significant Rock Cut		231	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.100	Wetland Impacted by Footprint	763+00	767+00	L	Match existing highway better	Design Criteria / Significant Rock Cut		232	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.010	Stream Impacted by Footprint	767+00	767+00	L,R	Match existing highway better	Design Criteria / Significant Rock Cut		233	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
R30W	W	River	0.024	Wetland Impacted by Footprint	767+00	768+50	L	Match existing highway better	Design Criteria / Significant Rock Cut		234	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R30W	W	River	0.000	Wetland Impacted by Footprint	777+50	777+50	L	Match existing highway better	Design Criteria / Significant Rock Cut		235	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PSS1B	Hgm	Fresh Sedge Meadow	0.006	Wetland Impacted by Footprint	779+00	781+00	L	Match existing highway better	Design Criteria / Significant Rock Cut		236	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
PSS1B	Hgm	Fresh Sedge Meadow	0.011	Wetland Impacted by Footprint	781+00	783+00	L	Match existing highway better	Design Criteria / Significant Rock Cut		237	7-15	More than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream

Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
R3OW	W	River	0.006	Wetland Impacted by Footprint	787+00	788+50	L	Match existing highway better	Design Criteria / Significant Rock Cut		238	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.514	Wetland Impacted by Footprint	793+00	805+50	L	No change in alignment from 2006	Wetland on either side of highway		239	3-7	More than 50ft from Stream	Slope 3-7 AND More than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.118	Wetland Impacted by Footprint	794+50	797+00	R	No change in alignment from 2006	Wetland on either side of highway		240	3-7	More than 50ft from Stream	Slope 3-7 AND More than 50ft from Stream
PEM1H	Haf	Herbaceous Swamp	0.430	Wetland Impacted by Footprint	799+50	808+00	R	No change in alignment from 2006	Wetland on either side of highway		241	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.227	Wetland Impacted by Footprint	805+50	811+00	L	No change in alignment from 2006	Wetland on either side of highway		242	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
R3OW	W	Shrub Swamp	0.099	Wetland Impacted by Footprint	815+00	818+00	L	No change in alignment from 2006	Design Criteria / Significant rock cut		243	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Slo	Shrub Swamp	0.179	Wetland Impacted by Footprint	817+00	820+50	L	No change in alignment from 2006	Design Criteria / Significant rock cut		244	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PSS1E	Sto	Shrub Swamp	0.031	Wetland Impacted by Footprint	831+00	832+00	L	No change in alignment from 2006	Design Criteria / Significant rock cut		245	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.008	Stream Impacted by Footprint	857+00	857+50	L	Meet design criteria	Design Criteria		246	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.027	Stream Impacted by Footprint	866+00	867+00	R	Meet design criteria	Design Criteria		247	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.032	Impacted Stream Replacement	866+00	868+00	L,R	Meet design criteria	Design Criteria		248	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	New Stream Created	877+00	877+00	R	No change in alignment from 2006	Design Criteria		249	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	Impacted Stream Replacement & New Stream Created	877+00	877+00	R	No change in alignment from 2006	Design Criteria		250	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.007	Impacted Stream Replacement	867+00	867+00	R	Meet design criteria	Design Criteria		251	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Upland	Fbo	Black Cottonwood Forest	0.015	New Stream Created	867+00	868+00	R	Meet design criteria	Design Criteria		252	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	Impacted Stream Replacement & New Stream Created	868+00	868+00	R	No change in alignment from 2006	Design Criteria		253	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.025	Stream Impacted by Footprint	868+00	870+00	R	Meet design criteria	Design Criteria		254	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	New Stream Created	870+00	870+00	R	No change in alignment from 2006	Design Criteria		255	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Upland	Fbo	Black Cottonwood Forest	0.003	New Stream Created	870+00	870+00	R	No change in alignment from 2006	Design Criteria		256	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Upland	Bb	Developed/Disturbed	0.001	New Stream Created	870+00	870+00	R	No change in alignment from 2006	Design Criteria		257	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	Stream Impacted by Footprint	870+00	870+00	R	No change in alignment from 2006	Design Criteria		258	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	New Stream Created	866+00	866+00	L	Meet design criteria	Design Criteria	Yes	259	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.068	New Stream Created	870+00	866+00	L	No change in alignment from 2006	Design Criteria	Yes	260	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	Wetland Impacted by Footprint	871+00	871+50	R	No change in alignment from 2006	Design Criteria		261	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.014	Wetland Impacted by Footprint	872+00	872+50	L	No change in alignment from 2006	Design Criteria		262	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.030	Impacted Stream Replacement	872+50	874+50	R	No change in alignment from 2006	Design Criteria		263	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.028	Wetland Impacted by Footprint	887+50	888+00	L	No change in alignment from 2006	Design Criteria		264	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.017	Impacted Stream Replacement	888+00	888+50	L,R	No change in alignment from 2006	Design Criteria		265	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	Impacted Stream Replacement	888+00	888+50	L,R	No change in alignment from 2006	Design Criteria		266	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.012	Wetland Impacted by Footprint	888+00	888+50	L	No change in alignment from 2006	Design Criteria		267	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.010	New Stream Created	888+00	888+50	L	No change in alignment from 2006	Design Criteria	Yes	268	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.005	New Stream Created	888+00	888+50	L	No change in alignment from 2006	Design Criteria	Yes	269	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PEM1B	Haf	Bluejoint Meadow	0.007	Wetland Impacted by Footprint	888+50	888+50	L,R	No change in alignment from 2006	Property acquisition / design criteria		270	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1B	Haf	Bluejoint Meadow	0.008	Wetland Impacted by Footprint	888+50	888+50	R	Move away from eagle trees	Property acquisition / design criteria		271	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.001	Impacted Stream Replacement	888+50	888+50	R	Match existing highway better & make room for path	Property acquisition / design criteria		272	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1B	Haf	Bluejoint Meadow	0.025	New Stream Created	888+50	888+50	L,R	Match existing highway better & make room for path	Property acquisition / design criteria		273	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1B	Haf	Bluejoint Meadow	0.000	New Stream Created	888+50	888+50	R	No change in alignment from 2006	Design Criteria		274	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.006	Impacted Stream Replacement & New Stream Created	888+50	888+50	R	No change in alignment from 2006	Design Criteria		275	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1B	Haf	Bluejoint Meadow	0.002	New Stream Created	888+50	888+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	276	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interflue Stream	Interflue Stream	Interflue Stream	0.000	Impacted Stream Replacement	888+50	888+50	R	Match existing highway better & make room for path	Property acquisition / design criteria		277	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PEM1B	Haf	Bluejoint Meadow	0.647	Wetland Impacted by Footprint	888+50	893+00	L,R	Move away from eagle trees	Property acquisition / design criteria		278	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1E	Stc	Mixed Shrub	0.882	Wetland Impacted by Footprint	891+50	896+50	L,R	Match existing highway better & make room for path	Property acquisition / design criteria		279	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
PSS1E	Stc	Mixed Shrub	0.314	Wetland Impacted by Footprint	896+50	898+00	L,R	Match existing highway better & make room for path	Property acquisition / design criteria		280	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
Upland			0.280	Wetland Impacted by Mitigation	891+00	869+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	281	7-15	Less than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream
PSS1E	Stc	Mixed Shrub	0.005	Wetland Impacted by Mitigation	891+00	869+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	282	7-15	Less than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream

Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
PSS1E	Stc	Mixed Shrub	0.039	Wetland Impacted by Mitigation	891+00	869+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	283	7-15	Less than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream
PSS1E	Stc	Mixed Shrub	0.001	Wetland Impacted by Mitigation	891+00	869+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	284	7-15	Less than 50ft from Stream	Slope 7-15 AND Less than 50ft from Stream
Interfluv Stream			0.001	New Stream Created	896+00	896+00	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	285	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.004	New Stream Created	896+00	896+00	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	286	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Upland			0.001	New Stream Created	896+00	896+00	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	287	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.003	New Stream Created	896+50	896+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	288	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Upland	Fbc	Black Cottonwood Forest	0.009	New Stream Created	896+50	896+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	289	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream			0.001	New Stream Created	896+50	896+50	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	290	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Upland			0.032	Wetland Impacted by Mitigation	896+50	897+00	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	291	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.003	Wetland Impacted by Mitigation	896+50	897+00	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	292	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
Upland	Hgd	Fireweed Bluejoint Meadow	0.008	Wetland Impacted by Mitigation	896+50	897+00	R	Match existing highway better & make room for path	Property acquisition / design criteria	Yes	293	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
Interfluv Stream			0.029	Impacted Stream Replacement	959+00	962+00	R			Yes5	294	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.000	Impacted Stream Replacement & New Stream Created	960+00	960+00	R			Yes5	295	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream			0.001	New Stream Created	960+00	960+00	R			Yes5	296	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Upland			0.031	New Stream Created	960+00	962+00	R			Yes5	297	7-15	Intersecting Stream	Slope 7-15 AND Intersecting Stream
Interfluv Stream			0.002	New Stream Created	962+00	962+00	R			Yes5	298	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.016	Impacted Stream Replacement	962+50	962+50	L,R			Yes5	299	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1H	Haf	Herbaceous Swamp	0.030	Wetland Impacted by Footprint	1008+00	1008+50	R	Debris Flow	Design Criteria		300	3-7	More than 50ft from Stream	Slope 3-7 AND More than 50ft from Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.003	Wetland Impacted by Footprint	1025+00	1025+50	L	Move away from eagle trees	Property acquisition		301	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
PSS1H	Sto	Shrub Swamp	0.030	Wetland Impacted by Footprint	1025+50	1027+00	L	Move away from eagle trees	Property acquisition		302	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
PFO1C	Fbc	Seasonally Flooded Black Cottonwood Forest	0.157	Wetland Impacted by Footprint	1127+00	1030+50	L	Move away from eagle trees	Property Acquisition		303	3-7	Less than 50ft from Stream	Slope 3-7 AND Less than 50ft from Stream
PEM1B	Hgm	Fresh Sedge Meadow	0.011	Wetland Impacted by Footprint	1139+50	1139+50	R	Move away from eagle trees	Property Acquisition		304	15-20	More than 50ft from Stream	Slope 15-20 AND More than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.006	Wetland Impacted by Footprint	1102+50	1102+50	L	Match existing highway better	Design Criteria		305	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.009	Stream Impacted by Footprint	1102+50	1102+50	L,R	Match existing highway better	Property acquisition	Yes3	306	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
PSS1H	Stc	Shrub Swamp	0.034	Wetland Impacted by Footprint	1102+50	1103.50	L	Match existing highway better	Property acquisition		307	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream			0.002	New Stream Created	1102+50	1102+50	R	Match existing highway better	Design Criteria	Yes3	308	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Upland			0.016	New Stream Created	1102+50	1104+00	R	Match existing highway better	Design Criteria	Yes3	309	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.000	New Stream Created	1102+50	1102+50	R	Match existing highway better	Design Criteria	Yes3	310	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.007	Impacted Stream Replacement	1102+50	1103+50	R	Match existing highway better	Design Criteria	Yes3	311	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.002	New Stream Created	1102+50	1103+50	R	Match existing highway better	Design Criteria	Yes3	312	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.002	New Stream Created	1104+50	1104+50	R	Match existing highway better	Design Criteria	Yes4	313	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Upland			0.020	New Stream Created	1104+50	1106+50	R	Match existing highway better	Design Criteria	Yes4	314	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.010	Impacted Stream Replacement	1104+50	1105+50	R	Match existing highway better	Design Criteria		315	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
R3OW-Trib	W	River	0.002	Wetland Impacted by Footprint	1180+00	1180+00	R	No change in alignment from 2006	Design Criteria	Yes4	316	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
Interfluv Stream			0.004	New Stream Created	1105+50	1106+50	R	Match existing highway better	Design Criteria		317	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
Interfluv Stream	Interfluv Stream	Interfluv Stream	0.017	Stream Impacted by Footprint	1180+00	1180+00	L,R	No change in alignment from 2006	Design Criteria		318	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW-Trib	W	River	0.019	Wetland Impacted by Footprint	1180+00	1180+50	R	New bridge alignment	Design Criteria		319	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1225+50	1225+50	L,R	New bridge alignment	Design Criteria		320	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1225+50	1225+50	L,R	New bridge alignment	Design Criteria		321	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1225+50	1225+50	L,R	New bridge alignment	Design Criteria		322	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1225+50	1225+50	L,R	New bridge alignment	Design Criteria		323	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1228+50	1228+50	L,R	New bridge alignment	Design Criteria		324	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1228+50	1228+50	L,R	New bridge alignment	Design Criteria		325	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1228+50	1228+50	L,R	New bridge alignment	Design Criteria		326	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1228+50	1228+50	L,R	New bridge alignment	Design Criteria		327	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1231+00	1231+00	L,R	New bridge alignment	Design Criteria		328	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream

Cowardin	Viereck	Habitat	Acres	Impact Type	B Station	E Station	Side	Note	Unavoidabl	Change	PolyID	Slope	Stream	Group
R3OW	W	River	0.000	River Impacted by New Bridge	1231+00	1231+00	L,R	New bridge alignment	Design Criteria		329	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1231+00	1231+00	L,R	New bridge alignment	Design Criteria		330	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.000	River Impacted by New Bridge	1231+00	1231+00	L,R	New bridge alignment	Design Criteria		331	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
R3OW	W	River	0.147	Wetland Impacted by Footprint	1229+50	1230+00	L,R	New bridge alignment	Design Criteria		332	0-3	Intersecting Stream	Slope 0-3 AND Intersecting Stream
PEM1B	Hgm	Fresh Sedge Meadow	0.065	Wetland Impacted by Footprint	1232+00	1230+00	L,R	New bridge alignment	Design Criteria		333	3-7	Intersecting Stream	Slope 3-7 AND Intersecting Stream
			0.642	Wetland Impacted by Mitigation	213+00	222+50	L			Yes	500	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.023	Wetland Impacted by Mitigation	217+50	217+50	L			Yes	700	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
PSS1H	Stc	Shrub Swamp	0.025	Wetland Impacted by Mitigation	219+00	219+50	R			Yes	800	0-3	Less than 50ft from Stream	Slope 0-3 AND Less than 50ft from Stream
			0.014	Wetland Impacted by Mitigation	219+50	220+00	L			Yes	900	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
			0.011	Wetland Impacted by Mitigation	221+00	221+50	L			Yes	1200	0-3	More than 50ft from Stream	Slope 0-3 AND More than 50ft from Stream
PSS1H			0.347	Adjacent Wetlands Enhanced	238+50	241+00	L				1300	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			0.181	Adjacent Wetlands Enhanced	529+00	531+50	L				1301	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PEM1H			0.036	Adjacent Wetlands Enhanced	568+00	570+00	L				1302	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			1.443	Adjacent Wetlands Enhanced	648+50	655+00	L				1304	0-3	OLD 0' NEW 300'	Slope 0-3 AND OLD 0' NEW 300'
PSS1H			0.054	Adjacent Wetlands Enhanced	567+50	571+00	L				1305	0-3	OLD 0' NEW 300'	Slope 0-3 AND OLD 0' NEW 300'
PEM1H			0.242	Adjacent Wetlands Enhanced	649+50	652+00	L				1306	0-3	OLD 0' NEW 200"	Slope 0-3 AND OLD 0' NEW 200"
PSS1E			0.028	Adjacent Wetlands Enhanced	648+50	649+50	R				1307	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PEM1H			0.211	Adjacent Wetlands Enhanced	642+00	645+50	L				1308	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			0.000	Adjacent Wetlands Enhanced	895+00	895+00	R				1309	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			0.305	Adjacent Wetlands Enhanced	245+50	249+00	L				1310	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			0.013	Adjacent Wetlands Enhanced	347+50	318+50	L				1311	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			1.430	Adjacent Wetlands Enhanced	647+50	653+50	L				1312	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PEM1B			0.020	Adjacent Wetlands Enhanced	888+50	889+00	L				1313	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PEM1H			0.022	Adjacent Wetlands Enhanced	888+50	889+50	L				1314	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			0.002	Adjacent Wetlands Enhanced	219+00	219+00	L				1315	0-3	OLD 0' NEW 300'	Slope 0-3 AND OLD 0' NEW 300'
PSS1H			0.059	Adjacent Wetlands Enhanced	218+00	219+00	L				1316	0-3	OLD 0' NEW 200'	Slope 0-3 AND OLD 0' NEW 200'
PSS1H			2.271	Adjacent Wetlands Enhanced	213+00	223+00	L				1317	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			0.065	Adjacent Wetlands Enhanced	643+00	644+50	L				1318	0-3	OLD 0' NEW 300'	Slope 0-3 AND OLD 0' NEW 300'
PSS1H			0.020	Adjacent Wetlands Enhanced	567+50	569+00	L				1319	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PEM1H			0.184	Adjacent Wetlands Enhanced	649+50	651+50	L				1320	0-3	OLD 0' NEW 300'	Slope 0-3 AND OLD 0' NEW 300'
PSS1H			0.067	Adjacent Wetlands Enhanced	649+00	650+00	L				1321	0-3	OLD 0' NEW 200'	Slope 0-3 AND OLD 0' NEW 200'
PSS1H			0.242	Adjacent Wetlands Enhanced	651+00	653+50	L				1322	0-3	OLD 0' NEW 200"	Slope 0-3 AND OLD 0' NEW 200"
PEM1H			0.057	Adjacent Wetlands Enhanced	648+00	648+50	L				1323	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PSS1H			0.036	Adjacent Wetlands Enhanced	645+00	645+50	L				1324	0-3	OLD 200' NEW 50'	Slope 0-3 AND OLD 200' NEW 50'
PEM1H			0.001	Adjacent Wetlands Enhanced	241+00	241+00	L				1325	3-7	OLD 200' NEW 50'	Slope 3-7 AND OLD 200' NEW 50'