

9450 SW Commerce Circle, Suite 180 Wilsonville, OR 97070 PACIFIC HABITAT SERVICES, INC.

 $(800) 871-9333 \bullet (503) 570-0800 \bullet Fax (503) 570-0855$

December 20, 2019

Florence Links Property Management, LLC c/o Ashlee Sorber, General Counsel American Pacific International Capital 2295 Rural Ave SE Salem, OR 97302

RE: Wetland Memo Describing Existing Conditions of Site A in Florence, Oregon PHS project number: 6867

Dear Ashlee:

Pacific Habitat Services, Inc. (PHS) conducted a wetland delineation on November 11, 2019 on three tax lots located east of Rhododendron Drive and north of 35th Street in the City of Florence, Oregon (T18S, R12W, Section 22; Tax Lot 1900; Section 15; Tax Lots 3800 and 700). No Wetlands are present on the site.

The purpose of this letter is to summarize the results of the wetland delineation, describe existing conditions, and to discuss the methods used to delineate the site.

Existing Conditions

The study area is located east of Rhododendron Drive and north of 35th Street, approximately 680 feet east of the Siuslaw River and 0.9 miles west of Highway 101 in Florence, Lane County, Oregon. Land use surrounding the study area is composed of residential development to the north, east, south, and west. The study area is approximately 8.41 acres in size, undeveloped, and overgrown with shore pine (*Pinus contorta*, FAC), salal (*Gaultheria shallon*, FACU), evergreen blueberry (*Vaccinium ovatum*, FACU), and Himalayan blackberry (*Rubus armeniacus*, FAC). The central study area contains some cleared vegetation from frequent encampments. Some areas contain patchy growth of slough sedge (*Carex obnupta*, OBL); however, these areas are infrequent and reside in either excavated ditches or shallow depressions. A few excavated ditches reside in the central-northern study area, and one large excavated ditch resides to the south, adjacent to properties along 35th Street. These ditches appear to convey seasonal runoff into other stormwater conveyances offsite; however neighboring residents do not observe flowing water within these ditches consistently each year.

Topography of the study area consists of rolling gradual slopes with elevations ranging between approximately 56-70 feet NAVD88 according to LiDAR obtained through the Oregon Department of Geology and Mineral Industries (DOGAMI, 2009). Mapped soil units within the study area consist of Yaquina loamy fine sand (Hydric soil typically found in wetland), and Waldport fine sand (0-12% slopes).

The National Wetland Inventory (NWI) displays a riverine wetland traversing through the southern study area, which did not align with findings during the delineation. The southern study area is populated by shore pine and contains upland sandy areas. This discrepancy between the NWI and PHS's findings is likely due to a lack of detailed ground-truth investigations during the NWI mapping process, which relies heavily on aerial photo interpretation.

The Local Wetland Inventory (LWI) displays two small wetlands within the study area; one is mapped in the northeast corner where hydric soils are located, and the other is located to the south, within the same vicinity as the large excavated ditch. Both of these areas were investigated for wetlands as characterized by sample points 1 and 3, which do not meet wetland criteria. Sample points 1 and 3 are dominated by shore pine, salal, evergreen blueberry, scotch broom (*Cytisus scoparius*, UPL), manzanita (*Arctostaphylos uva-ursi*, FACU), orchard grass (*Dactylis glomerata*, FACU), slough sedge, and colonial bentgrass (*Agrostis capillaris*, FAC). Both soils consist of sand to loamy sand, with high-chroma matrices. Some areas are overlain by a dark-surface loamy sand with some gravel. No hydrology was present on site with the exception of geomorphic position for excavated ditch areas. Sample point 1 is located slightly north of the mapped wetland, because this area was lower in elevation and contained wetland vegetation.

On-site Determination of Wetlands or Waterways

PHS conducted a wetland delineation throughout the property, concentrating primarily on the areas of lowest topography and looking for conditions that might satisfy criteria for wetlands (wetland hydrology, hydric soils, and hydrophytic vegetation), or waters of the State or United States. Observations were made in accordance with the Routine On-site Determination, as described in the *Corps of Engineers Wetland Delineation Manual, Wetlands Research Program Technical Report Y-87-1* ("The 1987 Manual") and the *Regional Supplement to the Corps of Engineers Wetland Delineation Mountains, Valleys, and Coast Region* and applicable sections of Oregon Administrative Rule (OAR) 141-090.

The site visit was limited to the documentation of existing vegetation and the excavation of several shallow holes across the study area to observe potential evidence of hydric soils and/or seasonally saturated conditions. Based upon the results of our assessment, no jurisdictional wetlands or waters of the State/U.S. were found within the study area as shown on Figure A.

State and Federal Jurisdiction

Upland areas (areas excluding wetlands or waterways) are not subject to state and federal regulation; therefore, no State or Federal environmental permits are needed to develop the property identified in Figure A.

Local Jurisdiction

As the property is located within the city limits of Florence, any natural resources protection measures are applied through the City's Land Use regulations and code. The City or County will typically require a land use application to evaluate that the development complies with local regulations protecting natural resources, and may require a land development permit. PHS suggests a site meeting with City to determine land use compatibility.

Wetland Delineation of Site A - Florence, Oregon Pacific Habitat Services, Inc. / PHS #6867 December 20, 2019 Page - 3 -

Required Disclaimer

This report documents the investigation, best professional judgment and conclusions of the investigators. It is correct and complete to the best of our knowledge. It should be considered a Preliminary Jurisdictional Determination of wetlands and other waters and used at your own risk unless it has been reviewed and approved in writing by the Oregon Department of State Lands in accordance with OAR 141-090-0005 through 141-090-0055.

Feel free to contact me directly should you require any additional information pertinent to this determination memo.

Sincerely,

Carles Elichet

Carlee Michelson Natural Resource Specialist

Enclosure: Figure A





Pacific Habitat Services, Inc 9450 SW Commerce Circle, Suite 180 Wilsonville, OR 97070 Phone: (503) 570-0800 Fax: (503) 570-0855 Site A Property - Florence, OR

Existing Conditions



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HYDROLO Wetland Hyd Primary Indic Primary Indic Primary Indic Suface Water Surface Water Vater Table Pl Saturation Pres	GY drology Indicator cators (minimum of Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Surface Soil Cracks Inundation Visible or Sparsely Vegetated of vations: Present? Yes resent? Yes sent? Yes	r s: <u>of one req</u> 2) 32) 4) (B6) Aerial Ima Concave Su	gery (B7) urface (B8) No No No	eck all th	at apply) V 1 S A A C C C C C C C C C C C C C C C C C	Vater staine , 2, 4A, and Salt Crust (B Aquatic Inve lydrogen Su Dxidized Rhi Presence of Recent Iron I Stunted or S Dther (Expla nches): nches): nches):	d Leaves (B9) (f 4B) 11) tebrates (B13) lifide Odor (C1) zospheres along Reduced Iron (C Reduction in Plo tressed Plants (I in in Remarks) >20 >20 >20	Except MLRA g Living Roots (C3) (4) wed Soils (C6) D1) (LRR A) Wetland Hyd	Secondary Indic Water (MLR Draina Dry-Si Satura X Geom Shallo Fac-N Raise Frost-	Eators (2 or mor r stained Leaves (RA1, 2, 4A, and 4 age Patterns (B10 eason Water Tab ation Visible on A horphic Position (I ow Aquitard (D3) leutral Test (D5) d Ant Mounds (D6 Heave Hummock	X (B9) (B9) (C2) (C2) (C2) (C2) (C2) (C2) (C2) (C2
Pepth (inches Remarks: HYDROLO Wetland Hyd Primary Indic Primary Indic Primary Indic Primary Indic Section Pressincludes capillar Describe Pace	GY drology Indicator cators (minimum of Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Surface Soil Cracks Inundation Visible or Sparsely Vegetated of vations: Present? Yes resent? Yes sent? Yes sent? Yes y fringe) red Data (stream of	rs: <u>of one req</u> 2) 32) (B6) Aerial Ima Concave Su	gery (B7) urface (B8) No No No	Example 1 and 1 an	at apply) V V 1 S P P P	Vater staine J, 2, 4A, and Salt Crust (B Aquatic Inve lydrogen St Dxidized Rhi Presence of Recent Iron I Stunted or S Dther (Expla nches): nches): us inspection	d Leaves (B9) (I 14B) 11) tebrates (B13) Ilfide Odor (C1) zospheres along Reduced Iron (C Reduction in Plo tressed Plants (I in in Remarks) >20 >20 >20	Except MLRA Except MLRA () Living Roots (C3) (24) (24) (24) (25) (25) (26) (21) (27) (27) (27) (27) (27) (27) (27) (27)	Secondary Indic Water (MLR Draina Dry-Su Satura X Geom Shallo Fac-N Raise Frost-	Eators (2 or mor r stained Leaves (RA1, 2, 4A, and 4 age Patterns (B10 eason Water Tab ation Visible on A norphic Position (I ow Aquitard (D3) leutral Test (D5) d Ant Mounds (D6 Heave Hummock	x <u>e required)</u> (B9) B) b) le (C2) erial Imagery (C D2) 6) (LRR A) s (D7) X
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Primary Indices Primary Indices Primar	GY drology Indicator cators (minimum of Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B3) Algal Mat or Crust (B) Surface Soil Cracks Inundation Visible or Sparsely Vegetated of vations: Present? Yes resent? Yes sent? Yes sent? Yes y fringe) rded Data (stream g	rs: of one req 2) B2) 4) (B6) Aerial Ima Concave Su auge, moni	uired; che gery (B7) urface (B8) No No No toring well,	eck all th	at apply) V 1 S A A C C C C C C C C C C C C C C C C C	Vater staine , 2 , 4A , anc Salt Crust (B Aquatic Inve lydrogen St Dxidized Rhi Presence of Recent Iron I Stunted or S Dther (Expla inches): nches): us inspectic	d Leaves (B9) (I 14 B) 11) tebrates (B13) Ifide Odor (C1) zospheres along Reduced Iron (C Reduction in Plo tressed Plants (I in in Remarks) >20 >20 >20	Hydric Soil Pres	Secondary Indic Water (MLR Draina Dry-Sa Satura X Geom Shallo Fac-N Raise Frost- rology Present? Yes	ators (2 or mor r stained Leaves (RA1, 2, 4A, and 4 age Patterns (B10 eason Water Tab ation Visible on Ar horphic Position (I ow Aquitard (D3) leutral Test (D5) d Ant Mounds (D6 Heave Hummock	x <u>e required)</u> (B9) B) (C2) erial Imagery (C2) (
Primary Indices Primary Indices Primar	GY drology Indicator cators (minimum of Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Surface Soil Cracks Inundation Visible on Sparsely Vegetated of vations: Present? Yes resent? Yes sent? Yes sent? Yes sent? Yes y fringe) rded Data (stream g	rs: <u>of one req</u> 2) B2) 4) (B6) Aerial Ima Concave Su auge, moni	gery (B7) urface (B8) No No toring well,	≥ck all th	at apply) V 1 S F F C C F F S C C Depth (i Depth (i Depth (i Depth (i	Vater staine , 2 , 4A , and Salt Crust (B Aquatic Inve Hydrogen St Dxidized Rhi Presence of Recent Iron I Stunted or S Dther (Expla inches): inches): us inspectio	d Leaves (B9) (I 14B) 11) tebrates (B13) Ifide Odor (C1) zospheres along Reduced Iron (C Reduction in Plo tressed Plants (I in in Remarks) 20 >20 >20 ons), if available:	Except MLRA Uliving Roots (C3) (4) wed Soils (C6) D1) (LRR A) Wetland Hyd	Secondary Indic Water (MLR Draina Dry-Si Satura X Geom Shallo Fac-N Raise Frost-	Eators (2 or mor r stained Leaves (RA1, 2, 4A, and 4 age Patterns (B10 eason Water Tab ation Visible on A norphic Position (I bw Aquitard (D3) leutral Test (D5) d Ant Mounds (D4 Heave Hummock	x e required) B9) B) le (C2) erial Imagery (C D2) 6) (LRR A) s (D7) X
Primary Indice Primary Indice Primar	Carlongy Indicator Cators (minimum of Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Surface Soil Cracks Inundation Visible on Sparsely Vegetated of vations: Present? Yes resent? Yes resent? Yes sent? Yes resent? Yes resent	r s: <u>of one req</u> 2) B2) (B6) Aerial Ima Concave Su auge, moni	gery (B7) urface (B8) No No No toring well,	Arrow Contract of the second s	at apply) V 1 S A A C C F F S C C Depth (i Depth (i Depth (i Depth (i	Vater staine , 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen St Dxidized Rhi Presence of Recent Iron I Stunted or S Dther (Expla inches): inches): us inspectic	d Leaves (B9) (I 4B) 11) tebrates (B13) lifide Odor (C1) zospheres along Reduced Iron (C Reduction in Plo tressed Plants (I in in Remarks) <u>>20</u> <u>>20</u> ons), if available:	Except MLRA g Living Roots (C3) (4) wed Soils (C6) D1) (LRR A) Wetland Hyd	Secondary Indic Water (MLR Draina Dry-Si Satura X Geom Shallo Fac-N Raise Frost-	Eators (2 or mor r stained Leaves (2A1, 2, 4A, and 4 age Patterns (B10 eason Water Tab ation Visible on A torphic Position (I ow Aquitard (D3) leutral Test (D5) d Ant Mounds (D6 Heave Hummock	x (B9) (B9) (C2) (C2) (C2) (C2) (C2) (C2) (C2) (C2

		ETERMINATIO		RM - Weste	ern Mountains. Va	lleys, and Co	PHS # ast Region	6867
roject/Site:	Site A - Wetland	Delineation	City/County:	Flo	orence/Lane	Sampling Dat	re: 11/1	1/2019
oplicant/Owner:	Florence Link	s Property Manag	ement, LLC		State:	OR	Sampling Point:	2
vestigator(s):	СТ	/CR	Section, To	wnship, Range:	Section	n 22, Township	18S, Range 12W	
andform (hillslope	e, terrace, etc.:)	Trench	 1	Local relief (co	ncave, convex, none):	Concave	Slope (%):	2
ubregion (LRR):	· <u> </u>	LRR A	Lat:	44	Long:	-124.1172	Datum:	WSG85
oil Map Unit Nam	ne:	Waldpo	_ ort fine sand		NWI CI	assification:	None	
e climatic/hvdrol	logic conditions on th	e site typical for this tir	ne of vear?	Yes	X No	(if no e	explain in Remarks)	
e vegetation	Soil	or Hydrology	significantly dist	urbed?	Are "Normal Circumstar	() Y	
e vegetation	Soil	or Hydrology	naturally probler	matic? If needed	explain any answers in R	emarks)		-
					,	,		
UMMARY O	F FINDINGS -	Attach site map	showing san	npling point	locations, transect	s, important fe	atures, etc.	
drophytic Veget	ation Present? Ye	es X No						
dric Soil Presen	nt? Ye	es No) <u>X</u>	a Wetlai	rea within nd? Yes		No X	_
etland Hydrology	y Present? Ye	es No	X					
emarks:								
EGETATION	N - Use scientifi	c names of plan	ts.					
		absolute	Dominant	Indicator	Dominance Test wo	rksheet:		
ee Stratum (n	olot size. 30) [%] cover	Species?	Status	Number of Dominant Sa	acias		
Pinus contr		, 	v	EAC	That are OBLEACW or	EAC	2	(A)
r mus come					That are ODE, I AOW, O	TAC.	5	<u>(</u> (,,)
					Total Number of Domina	nt		
					Species Across All Strata	a.	5	(B)
1		5	= Total Cover					_(=)
unling (Chruch Ctro								
Coulthoria	alum (plot size:	<u>15</u>) 70	v	EACU	That are OBL EACW	- FAC:	60%	(A/D)
Bubus arm	oniacus		<u> </u>		That are OBL, FACW, 0		00 /8	(A/B)
Nubus anno	emacus			140	Prevalence Index W	orksheet.		
					Total % Cover of	Multiply	v bv:	
					OBL Species	x 1	= 0	
		100	= Total Cover		FACW species	x 2	2 = 0	-
					FAC Species	x 3	B = 0	
erb Stratum (p	olot size: 5)			FACU Species	x 4	+ = 0	-
Agrostis ca	pillaris	50	Х	FAC	UPL Species	x 5	5 = 0	-
Dactylis glo	omerata	40	Χ	FACU	Column Totals	0 (A)	0	(B)
Holcus lana	atus	20		FAC				
					Prevalence Index =	=B/A =	#DIV/0!	-
					Hydrophytic Vegeta	tion Indicators:		
						1- Rapid Test for H	lydrophytic Vegetatio	on
			Tatal O		<u> </u>	2- Dominance Test	1 is >50%	
		110	= I otal Cover			4-Morphological Ac	$daptations^{1}$ (provide)	supportina
oody Vine Stratu	um (plot size:)				data in Remarks or	on a separate shee	t)
						5- Wetland Non-Va	ascular Plants ¹	
						Problematic Hydro	phytic Vegetation ¹ (E	Explain)
		0	= Total Cover		¹ Indicators of hydric soil	and wetland hydrolo	gy must be present,	unless
					disturbed or problematic.			
Poro Crows d	Harb Strature	0			Hydrophytic	Vac	/ N-	

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Color (moist) % Color (Color (Col	Sampling Point: 2
Depth Matrix Redox Features (nches) Color (moist) % Type Loc ² Toxture 0-7 10YR 5/3 100 Sand Sand Sand 13-16 2.5Y 5/4 98 10YR 4/6 2 C M Sand 13-16 2.5Y 5/4 98 10YR 4/6 2 C M Sand "Type: Co-Concentration, D=Depletion, RM-Reduced Matrix, CS=Covered or Coated Sand Grains. *L H	
(Inches) Color (most) % 1 ype Low 1 exture D-7 10YR 5/3 100 Sand Sand Sand 13-16 2.5Y 5/4 98 10YR 4/6 2 C M Sand 13-16 2.5Y 5/4 98 10YR 4/6 2 C M Sand ''Type: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. *L *L Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicato Histosia (A1) Sandy Rudox (S5) Histosia (A2) Stripped Matrix (S6) Histosia (A2) Stripped Matrix (S3) Loamy Mucky Mineral (F1) Depleted Matrix (S2) Depleted Balow Dark Surface (A11) Depleted Matrix (S2) Sandy Mucky Mineral (S1) Peleted Dark Surface (F7) *h Sandy Mucky Mineral (S1) Depleted Matrix (S4) Redox Dark Surface (F7) *h Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) *h Sandy Mucky Mineral (S1) Sander Color (S1) *h Saturation (A3) Saturation (A3) Saturation (A3) Saturation (A3) Saturation (A3) S	
0-7 10YR 5/3 100	Remarks
7-13 2.5 Y S/4 100 Sand 13-16 2.5 Y S/4 98 10 YR 4/6 2 C M Sand 13-16 2.5 YR 5/4 98 10 YR 4/6 2 C M Sand ''1 The: 2.5 YR 5/4 98 10 YR 4/6 2 C M Sand ''Type: C-Concentration, D=Depletion, RM=Reduced Matrix, CS=-Covered or Coated Sand Grains. *L *L ''Type: C-Concentration, D=Depletion, RM=Reduced Matrix, CS=-Covered or Coated Sand Grains. *L ''Type: C-Concentration, D=Depletion, RM=Reduced Matrix, CS=-Covered or Coated Sand Grains. *L ''Type: Sandy Mickly Mineral (F1) Sandy Mickly Mineral (F1) Feador Dark Surface (F2) Black Histic (A3) Learny Mickly Mineral (F1) Depleted Matrix (F3) Thick Karface (A12) Sandy Gleyed Matrix (C4) Redox Dark Surface (F7) *1 Sandy Gleyed Matrix (C4) Redox Dark Surface (F7) *1 ''Depth (inches):	~60% Gravel
13-16 2.5YR 5/4 98 10YR 4/6 2 C M Sand ""	
'Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered of Coated Sand Grains. ?L Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicator Histosci (A1) Sandy Redox (S5) Histosci (A1) Sandy Redox (S6) Black Histic (A3) Loamy Micky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (If present): Type: Type: Depleted Matrix (S4) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (If present): Hydric Soil Present Type: Depleted Dark Surface (F7) Till Surface Water (A11) Water stained Leaves (B9) (Except MLRA 1) Surface Water (A12) Till Al, Al, and 4B) Surface Water (A13) Salt Crust (B11) Water stained Leaves (B1) Aquatic Invertebrates (B13) Surface Water (A1) Aquatic Invertebrates (B13) Surface Water (A1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drib Deposits (B2)	Fine
'Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Costed Sand Grains. ?L Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicato Histosol (A1) Sandy Redox (S5) Histosol (A1) Sandy Redox (S5) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Type: Upp:	
Type: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. 1 Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicator Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Hydride Bolow Dark Surface (A11) Depleted Matrix (F2) Depleted Below Dark Surface (A12) Redox Dark Surface (F6) Sandy Redox Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (If present): Type: Type: Depth (inches):	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Indicators Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicator Histosol (A1) Sandy Redox (S5) Black Histic (A3) Loarny Mucky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Type: Pype:	
Type: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. 1 Hidric Soil Indicators: (Applicable to all LRRs, unless othewise noted.) Indicator Histosol (A1) Sandy Redox (S5) Histo Epipedin (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Type:	
Hydric Soll Indicators: Applicable to all LKKS, unless otherwise noted., Indicators Histosel (A1) Sandy Redox (S5) Histo Epipedon (A2) Stripped Matrix (S0) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F6) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Redox Depressions (F8) Hydric Soil Pressent): Fype:	Location: PL=Pore Lining, M=Matrix.
Histicson (n1) Starbuy recourds: Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Gleyed Matrix (S6) Heta Histic (A3) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Fype: Type: Depleted Matrix (F1) Depleted Below Dark Surface (F7) Hydric Soil Preser Frimary Indicators: Hydric Soil Preser Trimary Indicators (F8) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Surface Water (A1) Aquatic Invertebrates (B13) Sturface Water (A1) Aquatic Invertebrates (B13) Water stained Leaves (B9) (Except MLRA High Water Table (A2) Surface Water (A1) Aquatic Invertebrates (B13) Sturface Water (A1) Aquatic Invertebrates (B13) Stufface Water (A1) Aquatic Invertebrates (B13) Stufface Water (A1) Aquatic Invertebrates (B13) Stufface Water (B2) <td></td>	
Histic Eppedon (A2) Stripped Matrix (So) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Oleyed Matrix (S4) Depleted Dark Surface (F7) Sandy Oleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Fype: Depleted Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Hydric Soil Preser Primary Indicators (minimum of one required; check all that apply) S Surface Water (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Saturation (A3) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Orth Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Syaraes Vegetated Concave Surface (B8) Sturted or Stressed Plants (D1) (LR RA) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)<	
Black Histic (A3) LOarny wurder at (* 1) (except MLRA 1) Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Frype: Depleted Dark Surface (A12) Present Ype: Depleted Matrix (S4) Redox Dark Surface (F7) If Ype: Depleted Matrix (F2) Performance Hydric Soil Present Ype: Depleted Matrix (F2) Satiration (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Satir Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidace Nizeres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparesely Vegetated Concave Surface (B8) St	Red Parent Material (1F2)
Hydrogen Sulfide (A4) Learny Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Restrictive Layer (If present): Hydric Soil Preser Cype:	Very Shallow Dark Surface (TF12)
Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Fype: Depleted Dark Surface (A11) Hydric Soil Preser YPDROLOGY Hydric Soil Preser Wetland Hydrology Indicators: Hydrice Values (B9) (Except MLRA Surface Water (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Diff Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Sturface Soil Cracks (B6) Stunde or Stressed Plants (D1) (LRR A) Iron Deposits (B5) No X Sparsely Vegetated Concave Surface (B8) Sparsely Vegetated Concave Surface (B8) *ield Observations: No X Depth (inches): >16	Other (explain in Remarks)
Thick Dark Surface (A12) Redox Dark Surface (F6) Sing Mucky Mineral (S1) Depleted Dark Surface (F7) Sing Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (If present): Type: Hydric Soil Preser Surface Water (If present): Hydric Soil Preser Primary Indicators (Inimium of one required; check all that apply) Surface Water (A1) Yet extended to the state of the st	
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Preser Remarks: HyDROLOGY Wetland Hydrology Indicators: Hydric Soil Preser Primary Indicators (minimum of one required; check all that apply) S Surface Water (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced fron (C4) Iton Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Sparsely Vegetated Concave Surface (B8) Selfed Observations: Surface Water Present? Yes No X Depth (inches): >16 Water Table Present? Yes No X Depth (inches): >16 Saturation Present? Yes No	" " the other states the versetation and watland
Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Hydric Soil Preser Type:	hydrology must be present, unless disturbed or
Restrictive Layer (if present): Type:	problematic.
Fype:	
Depth (inches): Hydric Soil Preser Remarks: HyDROLOGY Wetland Hydrology Indicators: Striace Vater (A1) Primary Indicators (minimum of one required; check all that apply) S Surface Water (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B1) Water Marks (B1) Aquatic Invertebrates (B13) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Orift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Indigal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Sturted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Sturted or Stressed Plants (D1) (LRR A) Surface Water Present? No X Depth (inches): >16 Wetland Hydrol Yes No X Depth (inches): >16 Surface Water Present? Yes No X Dept	
Remarks: HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) 5 Surface Water (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Sturtade or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Saturation Present? No X Water Table Present? No X Water Table Present? Yes No No X Depth (inches): >16 Includes capillary tringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: 24	nt? Yes NoX
Primary Indicators (minimum of one required; check all that apply) § Surface Water (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Sait Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Depth (inches): Field Observations: No X Nater Table Present? Yes No Xater Table Present? Yes No No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No Xater Table Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: >16	
Surface Water (A1) Water stained Leaves (B9) (Except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Depth (inches): Water Table Present? Yes No X Depth (inches): >16 Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol </th <th>Secondary Indicators (2 or more required)</th>	Secondary Indicators (2 or more required)
High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Satt Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Depth (inches): Field Observations: No X Surface Water Present? Yes No X Mater Table Present? Yes No X No X Depth (inches): >16 Saturation Present? Yes No X Depth (inches): >16 Obscribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Saturations) Saturation Previous inspections), if available:	Water stained Leaves (B9)
Saturation (A3) Salt Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Pepth (inches): Field Observations: No X Saturation Present? Yes No X Vater Table Present? Yes No X No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Saturations)	(MLRA1, 2, 4A, and 4B)
Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Stunted or Stressed Plants (D1) (LRR A) Field Observations: No X Depth (inches): Nater Table Present? Yes No X Depth (inches): >16 Wetland Hydrol X Depth (inches): >16 Yetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Yetland Present Yetland Present	Drainage Patterns (B10)
Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Nater Table Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No No X Depth (inches): >16 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Dry-Season Water Table (C2)
Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Pepth (inches): Field Observations: No X Surface Water Present? Yes No No X Depth (inches): Vater Table Present? Yes No Saturation Present? Yes No No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No Saturation Present? Yes No X Depth (inches): >16 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Saturation Visible on Aerial Imagery (C
Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Sturface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X No X Depth (inches): Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): jincludes capillary fringe) >16 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	X Geomorphic Position (D2)
Iron Deposits (B5) Recent Iron Reduction in Plowed Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Sturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Sturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Staturation Present? Yes No X Depth (inches): Staturation Present? Yes No X Depth (inches): Staturation Present? Yes No X Depth (inches):<	Shallow Aquitard (D3)
Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Stunted or Stressed Plants (D1) (LRR A) Field Observations: No X Surface Water Present? Yes No X Water Table Present? Yes No X Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Sturtation Present? Yes No X Depth (inches): >16 Vetland Hydrol Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Statilable	Fac-Neutral Test (D5)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): >16 Water Table Present? Yes No X Depth (inches): >16 Saturation Present? Yes No X Depth (inches): >16 Saturation Present? Yes No X Depth (inches): >16 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Raised Ant Mounds (D6) (LRR A)
Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): >16 Wetland Hydrol Water Table Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Frost-Heave Hummocks (D7)
Field Observations: Surface Water Present? Yes No X Depth (inches): >16 Wetland Hydrol Water Table Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Uncludes capillary fringe) Depth (inches): >16 Staturation Staturation Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Staturation Staturation	
Surface Water Present? Yes No X Depth (inches): >16 Wetland Hydrol Water Table Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Wetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Vetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Vetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Vetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Vetland Hydrol Saturation Present? Yes No X Depth (inches): >16 Vetland Hydrol Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Vetland Hydrol Vetland Hydrol	
Water Table Present? Yes No X Depth (inches): >10 Wetland hydron Saturation Present? Yes No X Depth (inches): >16 Wetland hydron Saturation Present? Yes No X Depth (inches): >16 Vetland hydron Cincludes capillary fringe) Depth (inches): >16 Vetland hydron Vetland hydron Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Vetland hydron Vetland hydron	
Saturation Present? Yes No X Depth (inches): >16 (includes capillary fringe)	logy Present?
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Yes NoX
emarks:	

WETLAND DETE			RM - Weste	rn Mountai	ins. Valle	eys, and Coa	PHS # st Reaion	6867
roject/Site: Site A - Wetland Del	ineation	City/County:	Flo	orence/Lane		Sampling Date:	11/1	1/2019
pplicant/Owner: Florence Links P	ant/Owner: Florence Links Property Management gator(s): CT/CR S				State:	OR	Sampling Point:	3
nvestigator(s): CT/CR					Section 2	2, Township 18	S, Range 12W	
andform (hillslope, terrace, etc.:)		-	Local relief (cor	ncave, convex, n	ione):	None	Slope (%):	1
ubregion (LRR):	Α	Lat:	44.000	05	Long:	-124.1181	Datum:	WSG85
oil Map Unit Name:	Yaquina lo	amy fine sand			NWI Class	sification:	None	
re climatic/hydrologic conditions on the site	e typical for this tin	ne of year?	Yes	х	No	(if no, exp	plain in Remarks)	
re vegetation Soil or H	Hydrology	significantly dist	urbed?	Are "Normal C	Circumstances	s" present? (Y/N)	Y	
re vegetation Soil or H	Hydrology	naturally proble	matic? If needed	, explain any ans	swers in Rem	arks.)		
UMMARY OF FINDINGS – Atta	ach site map	showing san	npling point	locations, t	ransects,	important fea	tures, etc.	
ydrophytic Vegetation Present? Yes	No	X						
ydric Soil Present? Yes	No	Х	Is Sampled Ar a Wetlar	ea within nd?	Yes		No X	
/etland Hydrology Present? Yes	No	X						
emarks:								
EGETATION - Use scientific na	ames of plan	ts.						
	absolute	Dominant	Indicator	Dominance	Test works	sheet:		
ee Stratum (not size:	% cover	Species?	Status	Number - f D	minort 0			
	_			That are OPI	EACW or EV	es NC:	0	(A)
				That are ODL,	TACW, OFF		0	(~)
· · · · · · · · · · · · · · · · · · ·				Total Number	of Dominant			
				Species Acros	s All Strata:		4	(B)
-	0	= Total Cover						
poling/Shrub Stratum (plot oizo: 15)			Dereent of Der	minant Spacia			
Cytisus scoparius	/ 	¥	IIPI	That are OBI		μς. ΔC·	0%	(Δ/B)
Gaultheria shallon	30	<u> </u>	FACU	That are ODL,			0 /0	(/// D)
Arctostaphylos uva-ursi	20	<u> </u>	FACU	Prevalence	Index Wor	ksheet:		
· · · · · · · · · · · · · · · · · · ·				Total % Cover	of	Multiply b	by:	
				OBL Spe	ecies	x 1 =	· 0	
	100	= Total Cover		FACW sp	ecies	x 2 =	. 0	
				FAC Spe	ecies	x 3 =	- 0	
erb Stratum (plot size: 5)			FACU Sp	ecies	x 4 =	. 0	
Dactylis glomerata	65	<u> </u>	FACU	UPL Spe	ecies	x 5 =	· <u> </u>	
Holcus lanatus	15		FAC	Column T	Fotals	0 (A)	0	(B)
Agrostis capillaris	10			Describer	D/	•	#DIV//01	
Hypochaeris radicata	10		FACU	Prevaler	ice index =B//	A =	#DIV/0!	
				Hydrophytic	. Venetatio	n Indicators:		
					1-	Rapid Test for Hvr	drophytic Venetatio	n
					' 2-	Dominance Test is	s >50%	
	100	= Total Cover		-	3-1	Prevalence Index is	s ≤ 3.0 ¹	
					4-	Morphological Ada	ptations ¹ (provide s	supporting
oody Vine Stratum (plot size:)				da	ita in Remarks or o	n a separate shee	t)
					5-	Wetland Non-Vaso	cular Plants ¹	
					Pr	oblematic Hydroph	ytic Vegetation ¹ (E	xplain)
	0	= Total Cover		¹ Indicators of h	nydric soil and	l wetland hydrology	/ must be present,	unless
				Hydrophytic				
Bare Ground in Herb Stratum	0			Vegetation		Yes	No	Х
				-				

SOIL			PHS #	6867	_		Sampling Point:	3
Profile Descri	iption: (Describe to	the depth	needed to docume	nt the indicator or c	onfirm the absen	ce of indicators.)		
Depth	Matrix			Redox Features	. 2	_		
(Inches)	Color (moist)	%	Color (moist)	% Type		Texture	Remarks	
0-10	10YR 2/1	100				Loamy Sand	40% Gravel	
10-13	2.5Y 6/3	100				Sand		
				,				
¹ Type: C=Con	centration, D=Deplet	tion, RM=Re	educed Matrix, CS=0	Covered or Coated S	and Grains.		² Location: PL=Pore Lining, M=N	fatrix.
Hydric Soil	Indicators: (App	licable to	all LRRs, unless	s otherwise noted	d.)	Indic	ators for Problematic Hydri	c Soils³:
	Histosol (A1)			Sandy Re	dox (S5)		2 cm Muck (A10)	
	Histic Epipedon (A2))		Stripped N	/latrix (S6)		Red Parent Materi	al (TF2)
	Black Histic (A3)			Loamy Mu	icky Mineral (F1) (except MLRA 1)	Very Shallow Dark	Surface (TF12)
	Hydrogen Sulfide (A	.4)		Loamy Gle	eyed Matrix (F2)		Other (explain in R	emarks)
	Depleted Below Dar	k Surface (A	(11)	Depleted I	Matrix (F3)			
	Thick Dark Surface	(A12)		Redox Da	rk Surface (F6)			
	Sandy Mucky Minera	al (S1)		Depleted I	Dark Surface (F7)		³ Indicators of hydrophytic vegeta	tion and wetland
	Sandy Gleyed Matrix	x (S4)		Redox De	pressions (F8)		problematic.	ass disturbed of
Restrictive	Layer (if present):						
Туре:								
Depth (inches	s):					Hydric Soil Pres	sent? Yes	No X
Pomarka:						-		
HYDROLO Wetland Hy)GY drology Indicato	rs:						
Primary Indi	cators (minimum	of one req	uired; check all th	nat apply)			Secondary Indicators (2 or	more required)
	Surface Water (A1)			Water sta	ined Leaves (B9) (Except MLRA	Water stained Lea	ves (B9)
	High Water Table (A	42)		1, 2, 4A, a	ind 4B)		(MLRA1, 2, 4A, a	nd 4B)
	Saturation (A3)			Salt Crust	(B11)		Drainage Patterns	(B10)
	Water Marks (B1)			Aquatic In	vertebrates (B13)		Dry-Season Water	Table (C2)
	Sediment Deposits ((B2)		Hydrogen	Sulfide Odor (C1)		Saturation Visible	on Aerial Imagery (CS
	Drift Deposits (B3)			Oxidized F	Rhizospheres alon	g Living Roots (C3)	Geomorphic Positi	on (D2)
	Algal Mat or Crust (E	34)		Presence	of Reduced Iron (C4)	Shallow Aquitard (D3)
	Iron Deposits (B5)	(= -)		Recent Irc	on Reduction in Plo	owed Soils (C6)	Fac-Neutral Test (D5)
	Surface Soil Cracks (B6)				Stressed Plants (D1) (LRR A)	Raised Ant Mound	s (D6) (LRR A)
	Inundation Visible of	n Aerial Ima	gery (B7)	Other (Exp	plain in Remarks)		Frost-Heave Humr	nocks (D7)
	Sparsely Vegetated	Concave St	Ifface (B8)			-		
Field Obser	vations:							
Surface Water	r Present? Yes		No <u>X</u>	Depth (inches):				
Water Table P	Present? Yes		No <u>X</u>	Depth (inches):	>13	Wetland Hyd	Irology Present?	
Saturation Pre (includes capilla	esent? Yes ry fringe)		No <u>X</u>	Depth (inches):	>13		YesI	10 <u>X</u>
Describe Reco	orded Data (stream g	gauge, moni	toring well, aerial ph	otos, previous inspec	ctions), if available	:		
Remarks:								

w		RMINATIO		RM - Weste	rn Mountaiı	ns Valle	vs. and Coa	PHS # st Region	6867
roject/Site: Sit	te A - Wetland Delir	neation	City/County:	Flo	orence/Lane	ile, raile	Sampling Date:	11/1	1/2019
pplicant/Owner:	Florence Links Pro	operty Manag	ement, LLC			State:	OR	Sampling Point:	4
vestigator(s):	CM/CR	1. ,	Section. To	wnship. Range:		Section 2	2. Township 18	S. Range 12W	
andform (hillslope, te	rrace, etc.;)	Ditch	_	Local relief (cor	ncave, convex, no	one):	Concave	Slope (%):	2
ubregion (I RR):		Δ	l at:	43.999	98	Long.	-124,1194	Datum:	WSG85
nil Man I Init Name:		Waldno	- ort fine sand		<u> </u>	NWI Class	ification:	None	
re climatic/bydrologic	conditions on the site t	voical for this tim	he of year?	Ves	x	No	(if no, ex	olain in Remarks)	
re vegetation	Soil or H	vdrology	significantly dist	urbed?	Are "Normal Ci		(II 110, 0),	V	
	Soil or Hy		naturally problem	matic? If needed				<u> </u>	
		ulology					110.7		
UMMARY OF F	INDINGS – Attac	ch site map	showing san	npling point	locations, tra	ansects, i	important fea	tures, etc.	
vdrophytic Vegetation	n Present? Yes	No	Χ						
ydric Soil Present?	Yes	No	Χ	a Wetlar	ea within nd?	Yes		No X	
etland Hydrology Pro	esent? Yes	No	Х						
emarks:									
EGETATION -	Use scientific na	mes of plant	ts.						
		absolute % cover	Dominant	Indicator Status	Dominance 1	Fest works	sheet:		
ee Stratum (plot s	size: 30)	70 00001	000003:	Glaids	Number of Dom	inant Specie	S		
Pinus contorta	, <u> </u>	80	х	FAC	That are OBL, F	ACW, or FA	.C:	1	(A)
					Total Number of	f Dominant			
					Species Across	All Strata:		2	(B)
		80	= Total Cover						
pling/Shrub Stratum	<u>n</u> (plot size: 15)			Percent of Dom	inant Specie	s		
Vaccinium ova	atum	100	х	FACU	That are OBL, F	ACW, or FA	AC:	50%	(A/B)
Gaultheria sha	allon	20		FACU					
Rhododendror	n sp	5		(FAC)	Prevalence I	ndex Worl	(sheet:		
					Total % Cover of	of	Multiply b	by:	
					OBL Spec	cies	x 1 =	= <u> </u>	
		125	= Total Cover		FACW spe	ecies	x 2 =	= <u>0</u>	
erb Stratum (plot s	size:))			FACU Spec	cies —	x 4 =	0 0	
<u></u> .					UPL Spec	cies	x 5 =	. 0	
					Column To	otals	0 (A)	0	(B)
					Prevalenc	e Index =B/A	\ =	#DIV/0!	
					Hydrophytic	Vegetatio	n Indicators:		
						1-	Rapid Test for Hyd	drophytic Vegetatio	n
						2-	Dominance Test is	s >50%	
		<u> </u>	= I otal Cover			3-F 4-N	Vorphological Ada	s ລ ວ.ບ ptations ¹ (provide s	supporting
oody Vine Stratum	(plot size:)				da	ta in Remarks or o	n a separate shee	:)
		_			_	5-	Wetland Non-Vase	cular Plants ¹	
						Pro	oblematic Hydroph	ytic Vegetation ¹ (E	xplain)
		0	= Total Cover		¹ Indicators of hy	dric soil and	wetland hydrology	/ must be present,	unless
					disturbed or pro	blematic.			
Bare Ground in Her	b Stratum	100			Vegetation		Yes	No	х
					-				

SOIL			PHS #	6867			Sampling Po	oint:	4
Profile Descr	iption: (Describe to	the depth I	needed to docume	nt the indicator or co	nfirm the abser	nce of indicators.)			
Depth	Matrix			Redox Features	L a a ²	- <i>i</i>			
(inches)		<u>%</u>	Color (moist)	% туре	LUC	l exture	Creenie	emarks	
0-2	101R 3/2	100				Sand	Organic		
2-12	101R 5/3	100				Sand			
12-14	10TR 2/1	100				Sand			
				·					
-	·								
¹ Type: C=Con	ncentration, D=Deplet	ion, RM=Re	educed Matrix, CS=	Covered or Coated Sar	nd Grains.		² Location: PL=Pore Lini	ng, M=Matrix.	
Hydric Soil	Indicators: (Appl	icable to	all LRRs, unles	s otherwise noted.)	Indica	ators for Problemation	c Hydric Soils ³	:
	Histosol (A1)			Sandy Redo	ox (S5)		2 cm Muc	k (A10)	
	Histic Epipedon (A2)			Stripped Ma	atrix (S6)		Red Pare	nt Material (TF2)	
	Black Histic (A3)			Loamy Muc	ky Mineral (F1) (except MLRA 1)	Very Shal	low Dark Surface	(TF12)
	- Hydrogen Sulfide (A	4)		Loamy Gley	ed Matrix (F2)		Other (ex	plain in Remarks)	
	Depleted Below Darl	< Surface (A	(11)	Depleted Ma	atrix (F3)				
	Thick Dark Surface (A12)		Redox Dark	Surface (F6)				
	Sandy Mucky Minera	al (S1)		Depleted Da	ark Surface (F7)		³ Indicators of hydrophyt	ic vegetation and	wetland
	Sandy Gleyed Matrix	(S4)		Redox Depr	essions (F8)		nydrology must be pres probl	sent, unless distur ematic.	bed or
Restrictive	Layer (if present)):							
Type:									
Depth (inche	s):					Hydric Soil Pres	sent? Yes	No	х
Remarks:									
HYDROLC Wetland Hy	DGY /drology Indicato	rs:							
Primary Indi	icators (minimum o	of one req	uired; check all th	nat apply)			Secondary Indicato	rs (2 or more re	quired)
	Surface Water (A1)			Water stain	ed Leaves (B9) d 4B)	(Except MLRA	Water sta	ined Leaves (B9)	
	High Water Table (A	2)		1, <u>2</u> , 4 , ui	a + <i>b</i>)				
	Saturation (A3)			Salt Crust (i	311) artobrotoo (P12)		Drainage	Patterns (B10)	` 2)
-	Sediment Deposits (B2)		Hydrogen S	ulfide Odor (C1)		Dry-Seaso	Visible on Aerial	
	Drift Deposits (B3)	52)		Nydrogen S	nizospheres alor	a Living Roots (C3)	X Geomorph	hic Position (D2)	inagery (03)
	Algal Mat or Crust (B	34)		Presence of	Reduced Iron (C4)	Shallow A	quitard (D3)	
	Iron Deposits (B5)	.,		Recent Iron	Reduction in Pl	owed Soils (C6)	Fac-Neuti	ral Test (D5)	
	Surface Soil Cracks	(B6)		Stunted or S	Stressed Plants	(D1) (LRR A)	Raised Ar	nt Mounds (D6) (L	RR A)
	Inundation Visible or	Aerial Ima	gery (B7)	Other (Expla	ain in Remarks)		Frost-Hea	ave Hummocks (D [.]	7)
	Sparsely Vegetated	Concave Su	urface (B8)						
Field Obser	rvations:								
Surface Wate	r Present? Yes		No <u>X</u>	Depth (inches):					
Water Table F	Present? Yes		No <u>X</u>	Depth (inches):	>14	Wetland Hyd	rology Present?		
Saturation Pre	esent? Yes arv fringe)		No <u>X</u>	Depth (inches):	>14		Yes	No	X
Describe Rec	orded Data (stream o	auge, monit	toring well, aerial ph	notos, previous inspecti	ons), if available	2:			
		<u> </u>	5 ,	,	,,				
Remarks:									