# **Appendix B. Wetland Delineation Data Sheets**

Appendix B includes 70 sample point data sheets. Sample points were taken as paired plots, with the odd numbered sample point taken in the wetland, and the even numbered point in the upland.

Data sheets are arranged as follows:

SP-A1 to A24

SP-T6 to T21

SP-B, D, E, F, I, and M

## WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: West Port light SP		City/Coun	w W25	+ Port Sampling Date: 3-30	15-
Applicant/Owner: State Park		City/Court		State: WA Sampling Point: 3P-1	
Investigator(s): P. Hamidi		Section T		ange:	
Landform (hillslope, terrace, etc.): 12 tardo.va					1
Subregion (LRR):				Long: Datum:	
Soil Map Unit Name: Y9 QU NG			1919	NWI classification: PFOC	
Are climatic / hydrologic conditions on the site typical for the	is time of ve	ar? Yes	No	(If no explain in Remarks.)	
Are Vegetation, Soil, or Hydrology				"Normal Circumstances" present? Yes X No	
Are Vegetation, Soil, or Hydrology				eeded, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map					, etc.
Hydrophytic Vegetation Present? Yes ⊬ 1			3,	SALBERT BUILDINGS TO STORE OF A PROPERTY.	
11.11.0.10	No		he Sampled	d Area	
Wetland Hydrology Present? Yes   ✓ Yes	No	wit	hin a Wetlai	nd? Yes_ <u>K</u> No	
Photos 179-182	ш	estar	14		
VEGETATION – Use scientific names of plan	nts.		John S		
Tree Stratum (Plot size: 32)			t Indicator	Dominance Test worksheet:	- 100
1. Pinus contexts	% Cover	V	·F AC	Number of Dominant Species That Are OBL, FACW, or FAC:	(A)
2.				Physical Company	
3.			<u> Lat. 314</u>	Total Number of Dominant Species Across All Strata: (	(B)
Sapling/Shrub Stratum (Plot size: 15	95	= Total Co	over	Percent of Dominant Species That Are OBL, FACW, or FAC:	(A/B)
1. MOV2 Na Californica	10	V	EAN	Prevalence Index worksheet:	
2.	10	7	FACO	Total % Cover of: Multiply by:	
3	3 3 1 4 1	70.00	GUE E	OBL species x 1 =	
4.				FACW species x 2 =	× - 1
5				FAC species x 3 = FACU species x 4 =	
Herb Stratum (Plot size: 5')	10	= Total Co	over	UPL species x 5 =	
1. Carr obnu Ptg	70	M	UBL	Column Totals: (A)	(B)
2.	4	4 10	and the	Prevalence Index = B/A =	
3.	7	PAREL		Hydrophytic Vegetation Indicators:	-
4				1 - Rapid Test for Hydrophytic Vegetation	
5	-4				
6	<del></del>			3 - Prevalençe Index is ≤3.0¹	
7				4 - Morphological Adaptations <sup>1</sup> (Provide support data in Remarks or on a separate sheet)	rting
9.				5 - Wetland Non-Vascular Plants <sup>1</sup>	
10.				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
11				<sup>1</sup> Indicators of hydric soil and wetland hydrology mus	st
Woody Vine Stratum (Plot size: 15)	_70_	= Total Co	ver .	be present, unless disturbed or problematic.	$\dashv$
1				Hydrophytic	
2.				Vegetation	
% Bare Ground in Herb Stratum	:	= Total Cov	/er	Present? Yes No	
Remarks:					
	V.				

rofile Description: (Description)		Redo	ox Feature	S					
inches) Color (moist)		Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	-	Remarks	+
2-0						Litte	<u> </u>		
7-5 2,54 4/1	100		V			LFS	Versell .		
5-18 2,54 4/2	95	104R4/4	5	C	M	LF5			
ype: C=Concentration, D=	Depletion, RM	M=Reduced Matrix, C	S=Covered	d or Coate	d Sand G			=Pore Lining, N	
ydric Soil Indicators: (Ap	plicable to a			ea.)					ic cons .
_ Histosol (A1)		Sandy Redox					m Muck (A	aterial (TF2)	
_ Histic Epipedon (A2)		Stripped Matrix Loamy Mucky		1) (avcant	MI PA 1)	and the same of the same of		Dark Surface (	ΓF12)
Black Histic (A3) Hydrogen Sulfide (A4)		Loamy Gleyed	The second second		merca I)	A 77 1 10 1		in Remarks)	· · · · · · · · · · · · · · · · · · ·
Depleted Below Dark Su	rface (A11)	Depleted Matri		,			/P1		
_ Thick Dark Surface (A12		Redox Dark S				3Indica	tors of hydro	ophytic vegetat	on and
Sandy Mucky Mineral (S		Depleted Dark						gy must be pre	
_ Sandy Gleyed Matrix (S4		Redox Depres	sions (F8)		is to	unle	ss disturbe	d or problemati	C.
estrictive Layer (if presen	t):				No. IL				
Type: NON C									
Depth (inches):						Hydric So	I Drocont?	Yes X	No
	-,-,	yes for				Tiyane oo	Present		
YDROLOGY Vetland Hydrology Indicate		No.							
YDROLOGY Vetland Hydrology Indicate Primary Indicators (minimum						Sect	ondary Indic	ators (2 or mor	e required)
YDROLOGY Vetland Hydrology Indicate rimary Indicators (minimum Surface Water (A1)		Water-St	ained Leav		xcept	Sect	ondary Indic Water-Stain	ators (2 or more ed Leaves (B9)	e required)
YDROLOGY Vetland Hydrology Indicate rimary Indicators (minimum Surface Water (A1) X High Water Table (A2)		Water-St	ained Leav A 1, 2, 4A,		xcept	Second Second	ondary Indic Vater-Stain 4A, and	ators (2 or more ed Leaves (B9)	e required)
YDROLOGY Vetland Hydrology Indicate trimary Indicators (minimum Surface Water (A1)  High Water Table (A2)  X Saturation (A3)		Water-St MLRA Salt Crus	ained Leav <b>A 1, 2, 4A,</b> a at (B11)	and 4B)	xcept	Seco	ondary Indic Water-Stain <b>4A,</b> and Drainage Pa	ators (2 or more ed Leaves (B9) 4B) atterns (B10)	e required) (MLRA 1, 2
YDROLOGY Vetland Hydrology Indicate Trimary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)		Water-St MLRA Salt Crus Aquatic I	ained Leav A 1, 2, 4A, a at (B11) nvertebrate	and 4B) es (B13)	xcept	Seco	ondary Indic Water-Stain <b>4A,</b> and Drainage Pa Dry-Season	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table ((	e required) (MLRA 1, 2
YDROLOGY Vetland Hydrology Indicate Inimary Indicators (minimum Surface Water (A1) High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-St MLRA Salt Crus Aquatic II Hydroger	ained Leav A 1, 2, 4A, a at (B11) nvertebrate n Sulfide O	es (B13) dor (C1)		Seco	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Visible on Aerial	e required) (MLRA 1, 2
YDROLOGY  Vetland Hydrology Indicate  Primary Indicators (minimum  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)		Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized	ained Leav A 1, 2, 4A, a at (B11) nvertebrate n Sulfide O Rhizosphe	es (B13) dor (C1) eres along	Living Roo	Secondary Second	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Visible on Aerial Position (D2)	e required) (MLRA 1, 2
YDROLOGY Vetland Hydrology Indicate rimary Indicators (minimum Surface Water (A1)  High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)		Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence	ained Leav A 1, 2, 4A, at at (B11) nvertebrate n Sulfide O Rhizosphe e of Reduce	es (B13) dor (C1) eres along ed Iron (C4	Living Roc	Secondary Second	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Visible on Aerial & Position (D2) uitard (D3)	e required) (MLRA 1, 2
YDROLOGY Vetland Hydrology Indicate Virimary Indicators (minimum Surface Water (A1) High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	of one requi	Water-St MLRA Salt Crus Aquatic li Hydroger Oxidized Presence Recent Ir	ained Leav A 1, 2, 4A, a at (B11) nvertebrate n Sulfide O Rhizosphe	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled	Living Roo ) d Soils (C6	<u>Seco</u>	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (California) (Fisible on Aerial (Fisible on Aerial	e required) (MLRA 1, 2 C2) Imagery (Cs
YDROLOGY Vetland Hydrology Indicate rimary Indicators (minimum Surface Water (A1)  High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	of one requi	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir	ained Leav A 1, 2, 4A, a at (B11) nvertebrate in Sulfide O Rhizosphe e of Reduce on Reducti	es (B13) dor (C1) eres along ed Iron (C4 don in Tilled Plants (D	Living Roo ) d Soils (C6	Seco	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Visible on Aerial & Position (D2) uitard (D3)	e required) (MLRA 1, 2 C2) Imagery (Cs
YDROLOGY Vetland Hydrology Indicate rimary Indicators (minimum Surface Water (A1)  High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6)	of one requir	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, at at (B11) invertebrate in Sulfide O Rhizosphe e of Reduce fron Reduction or Stressed	es (B13) dor (C1) eres along ed Iron (C4 don in Tilled Plants (D	Living Roo ) d Soils (C6	Seco	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Calling to the color of the color	e required) (MLRA 1, 2 C2) Imagery (Cs
YDROLOGY Vetland Hydrology Indicate trimary Indicators (minimum Surface Water (A1)  High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Ae Sparsely Vegetated Con	of one requir	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, at at (B11) invertebrate in Sulfide O Rhizosphe e of Reduce fron Reduction or Stressed	es (B13) dor (C1) eres along ed Iron (C4 don in Tilled Plants (D	Living Roo ) d Soils (C6	Seco	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Calling to the color of the color	e required) (MLRA 1, 2 C2) Imagery (CS
YDROLOGY Vetland Hydrology Indicate Inimary Indicators (minimum Surface Water (A1)  X High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aei Sparsely Vegetated Conield Observations:	of one required in the second	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, and the control of the contr	es (B13) dor (C1) eres along ed Iron (C4 don in Tilled Plants (D	Living Roo ) d Soils (C6	Seco	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Calling to the Calling is Position (D2) uitard (D3) Il Test (D5) Mounds (D6) (I	e required) (MLRA 1, 2 C2) Imagery (CS
YDROLOGY Vetland Hydrology Indicate Primary Indicators (minimum) Surface Water (A1) High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aei Sparsely Vegetated Conield Observations:	of one required in the second	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of B7) Other (Ex	ained Leav A 1, 2, 4A, a at (B11) nvertebrate n Sulfide O Rhizosphe e of Reduce con Reducti or Stressed xplain in Re	es (B13) dor (C1) eres along ed Iron (C4 don in Tilled Plants (D	Living Roo ) d Soils (C6	Seco	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Calling to the Calling is Position (D2) uitard (D3) Il Test (D5) Mounds (D6) (I	e required) (MLRA 1, 2 C2) Imagery (CS
High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aei  Sparsely Vegetated Con  Field Observations:  Surface Water Present?  Vater Table Present?  Saturation Present?  Saturation Present?	rial Imagery (cave Surface Yes Yes Yes	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, and the control of the contr	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled Plants (D emarks)	Living Root) d Soils (C61) (LRR A	ots (C3)	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant Frost-Heave	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (Calling to the Calling is Position (D2) uitard (D3) Il Test (D5) Mounds (D6) (I	e required) (MLRA 1, 2 C2) Imagery (CS
YDROLOGY  Vetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Ael  Sparsely Vegetated Confield Observations: Surface Water Present?  Vater Table Present?	rial Imagery (cave Surface Yes Yes Yes	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, and the control of the contr	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled Plants (D emarks)	Living Root) d Soils (C61) (LRR A	ots (C3)	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant Frost-Heave	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (C fisible on Aerial c Position (D2) uitard (D3) Il Test (D5) Mounds (D6) (I c Hummocks (D	e required) (MLRA 1, 2 C2) Imagery (C9 LRR A)
YDROLOGY  Vetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Ae Sparsely Vegetated Confield Observations: Surface Water Present? Vater Table Present? Vater Table Present? Saturation Present? Includes capillary fringe) Describe Recorded Data (street	rial Imagery (cave Surface Yes Yes Yes	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, and the control of the contr	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled Plants (D emarks)	Living Root) d Soils (C61) (LRR A	ots (C3)	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant Frost-Heave	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (C fisible on Aerial c Position (D2) uitard (D3) Il Test (D5) Mounds (D6) (I c Hummocks (D	e required) (MLRA 1, 2 C2) Imagery (CS
YDROLOGY  Vetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aei Sparsely Vegetated Confield Observations: Surface Water Present? Vater Table Present? Saturation Present? Saturation Present? Saturation Present?	rial Imagery (cave Surface Yes Yes Yes	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, and the control of the contr	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled Plants (D emarks)	Living Root) d Soils (C61) (LRR A	ots (C3)	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant Frost-Heave	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (C fisible on Aerial c Position (D2) uitard (D3) Il Test (D5) Mounds (D6) (I c Hummocks (D	e required) (MLRA 1, 2 C2) Imagery (CS
YDROLOGY  Vetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Ae Sparsely Vegetated Con Field Observations: Surface Water Present? Vater Table Present? Saturation Present? Saturation Present? Includes capillary fringe) Describe Recorded Data (street	rial Imagery (cave Surface Yes Yes Yes	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leav A 1, 2, 4A, and the control of the contr	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled Plants (D emarks)	Living Root) d Soils (C61) (LRR A	ots (C3)	ondary Indic Water-Stain 4A, and Drainage Pa Dry-Season Saturation V Geomorphic Shallow Aqu FAC-Neutra Raised Ant Frost-Heave	ators (2 or more ed Leaves (B9) 4B) atterns (B10) Water Table (C fisible on Aerial c Position (D2) uitard (D3) Il Test (D5) Mounds (D6) (I c Hummocks (D	e required) (MLRA 1, 2 C2) Imagery (CS

### WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Westport light Sp.	City/0	County Wes	St Port Sampling Date: 3-3	B-2
Applicant/Owner: Statz Park	Ony,		State: WA Sampling Point: Sho	
Investigator(s): P. Hamidi	Sect	ion, Township, Rai		
Landform (hillslope, terrace, etc.): Interdunal	0.0000000000000000000000000000000000000			2
1			Long: Datum:	
Soil Map Unit Name: DUNE Land	Lut.		NWI classification: UPland	
Are climatic / hydrologic conditions on the site typical for t	hin time of year?		(If no, explain in Remarks.)	3 1
			Normal Circumstances" present? Yes 🖳 No	
Are Vegetation, Soil, or Hydrology				
Are Vegetation, Soil, or Hydrology SUMMARY OF FINDINGS - Attach site ma			eded, explain any answers in Remarks.) ocations, transects, important features	s, etc.
Hydrophytic Vegetation Present? Yes X	No	12 3		
Hydric Soil Present? Yes	No K	Is the Sampled	1/	
Wetland Hydrology Present? Yes	No X	within a Wetlan	nd? YesNo	
Remarks:				
Photos 876-879				
VEGETATION - Use scientific names of pla	ints.			
		minant Indicator	Dominance Test worksheet:	9
1. Pinus contertes	% Cover Spo	ecies? Status	Number of Dominant Species	(A)
1. 1/20 3 COMOTES		Y FAC	That Are OBL, FACW, or FAC:	(~)
2.			Total Number of Dominant Species Across All Strata:	(B)
4				(5)
1,-1	50 =T	otal Cover	Percent of Dominant Species That Are OBL, FACW, or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size: 15			Prevalence Index worksheet:	()
1. Vaccivion ovatum	<u> 15</u>	FACU	Total % Cover of: Multiply by:	
2.CYTISUS SCOPAYIUS		A DAT	OBL species Zo x1 = ZO	_
3. Morella californica		PACIO	FACW species 3 x 2 = 6	-
4.			FAC species <u>50</u> x3 = <u>150</u>	_
5	23 =T	otal Cover	FACU species 18 x4= 72	_
Herb Stratum (Plot size:)			UPL species $5 \times 5 = 25$	_
1. Carex obnupty	20_	Y OBL	Column Totals: 96 (A) 273	_ (B)
2. Polystichum munitum	3	<u> TACU</u>	Prevalence Index = B/A = 2,84	
3			Hydrophytic Vegetation Indicators:	
4		_	1 - Rapid Test for Hydrophytic Vegetation	
5			2 - Dominance Test is >50%	
6			X 3 - Prevalence Index is ≤3.0¹	
7			<ul> <li>4 - Morphological Adaptations<sup>1</sup> (Provide supported at a in Remarks or on a separate sheet)</li> </ul>	porting
8			5 - Wetland Non-Vascular Plants¹	
9			Problematic Hydrophytic Vegetation¹ (Explain	n)
10			¹Indicators of hydric soil and wetland hydrology m	
11	23 = то	otal Cover	be present, unless disturbed or problematic.	
Woody Vine Stratum (Plot size: 15)				
1			Hydrophytic	
2			Vegetation Present? Yes No No	
% Bare Ground in Herb Stratum		otal Cover	130	
Remarks:				
No.				
		4	4.4	
l .				

								nce of indicators.)
Depth	Matrix			Features		1 2	_	
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type <sup>1</sup>	_Loc²	Texture	~
1-0							DUF	
0-8	2,54 4/2	100	- 307	_			LTS	
8-18	2,5y 4/2	95	2.54 4/3	_5_	C	M	LES	
	7							
	-							
					-		-	1
				-				
¹Type: C=C	oncentration, D=De	epletion, RM	=Reduced Matrix, CS=		or Coate	ed Sand Gr	ains. 2	Location: PL=Pore Lining, M=Matrix.
			LRRs, unless otherv					ators for Problematic Hydric Soils <sup>3</sup> :
Histosol	(A1)		Sandy Redox (S	5)			2	2 cm Muck (A10)
	pipedon (A2)		Stripped Matrix (					Red Parent Material (TF2)
	istic (A3)		Loamy Mucky Mi		) (except	MLRA 1)		/ery Shallow Dark Surface (TF12)
	en Sulfide (A4)		Loamy Gleyed M					Other (Explain in Remarks)
	d Below Dark Surfa	ace (A11)	Depleted Matrix					(Language of the Control of the Cont
	ark Surface (A12)	,	Redox Dark Surf			4	3Indic	cators of hydrophytic vegetation and
	Mucky Mineral (S1)		Depleted Dark S					etland hydrology must be present,
	Gleyed Matrix (S4)		Redox Depression		',			nless disturbed or problematic.
	Layer (if present)		Redox Depressit	313 (1 0)			T un	liess disturbed or problematic.
Type:	Layer (ii procent)							
3000	achee):							
Depth (in Remarks:	icies).						Hydric S	oil Present? Yes No
		22.0						Mr. West
HYDROLO	OGY							
Wetland Hy	drology Indicator		A (4)					
Wetland Hy	drology Indicator		ed; check all that apply	)			<u>Se</u>	condary Indicators (2 or more required)
Wetland Hy Primary Indi	drology Indicator		ed; check all that apply Water-Stair	100	es (B9) (e	xcept	Se	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2)
Wetland Hy Primary Indi Surface	ydrology Indicator icators (minimum o		Water-Stair	100	1,000	xcept	<u>Se</u>	Water-Stained Leaves (B9) (MLRA 1,
Wetland Hy Primary Indi Surface High W	ydrology Indicator icators (minimum o e Water (A1)		Water-Stair	ned Leave , 2, 4A, a	1,000	xcept	<u>Se</u>	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
Wetland Hy Primary Indi Surface High W Saturati	ydrology Indicator icators (minimum o w Water (A1) vater Table (A2) ion (A3)		Water-Stair MLRA 1 Salt Crust (	ned Leave <b>, 2, 4A</b> , a B11)	and 4B)	xcept	<u>Se</u>	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10)
Wetland Hy Primary Indi Surface High W Saturati Water M	ydrology Indicator icators (minimum of Water (A1) fater Table (A2) ion (A3) Marks (B1)		Water-Stair MLRA 1 Salt Crust ( Aquatic Inve	ned Leave , <b>2, 4A,</b> a B11) ertebrate	and 4B) s (B13)	xcept		Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland Hy Primary Indi Surface High W Saturati Water M Sedime	ydrology Indicator icators (minimum o water (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2)		Water-Stair MLRA 1 Salt Crust ( Aquatic Invo	ned Leave , <b>2, 4A</b> , a B11) ertebrate Sulfide Oc	and 4B) s (B13) dor (C1)			Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C
Wetland Hy Primary Indi Surface High W Saturati Water M Sedime Drift De	ydrology Indicator icators (minimum of water (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3)		Water-Stair MLRA 1 Salt Crust (i Aquatic Invi Hydrogen S Oxidized Ri	ned Leave , 2, 4A, a B11) ertebrates Sulfide Ochizospher	s (B13) dor (C1) res along	Living Roo		Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Ca) Geomorphic Position (D2)
Wetland Hy Primary Indi Surface High W Saturati Water M Sedime Drift De Algal M	ydrology Indicator icators (minimum of water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4)		Water-Stair MLRA 1 Salt Crust (i Aquatic Invi Hydrogen S Oxidized Ri Presence o	ned Leave , 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reduce	s (B13) dor (C1) res along	Living Roo 4)		Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C Geomorphic Position (D2) Shallow Aquitard (D3)
Wetland Hy Primary Indi Surface High W Saturati Water M Sedime Drift De Algal M Iron De	ydrology Indicator icators (minimum of water (A1) vater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) vator Crust (B4) eposits (B5)		Water-Stair MLRA 1 Salt Crust ( Aquatic Invo Hydrogen S Oxidized Ri Presence o Recent Iron	ned Leave , 2, 4A, a B11) ertebrates Sulfide Oc hizosphei f Reduce	s (B13) dor (C1) res along d Iron (C4 on in Tille	Living Roo 4) d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Ca) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Wetland Hy Primary Indi  Surface High W Saturati Water M Sedime Drift De Algal M Iron De Surface Inundat Sparsel	ydrology Indicator icators (minimum of wwater (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) fat or Crust (B4) eposits (B5) e Soil Cracks (B6) ition Visible on Aeria by Vegetated Conca	of one require	Water-Stair  MLRA 1  Salt Crust (  Aquatic Invo  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl	ned Leave , 2, 4A, a B11) ertebrate: Sulfide Oc hizosphei f Reduce n Reduction	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6	tts (C3)	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Case Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hy Primary Indi Surface High W Saturati Water M Sedime Drift De Algal M Iron De Surface Inundat Sparsel	ydrology Indicator icators (minimum of water (A1) fater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) tion Visible on Aeria ly Vegetated Concarvations:	al Imagery (E ave Surface	Water-Stair  MLRA 1  Salt Crust (i  Aquatic Invi  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl	ned Leave , 2, 4A, a B11) ertebrate Sulfide Oc hizosphei f Reduce a Reductio Stressed lain in Re	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	tts (C3)	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Case Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
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Wetland Hy Primary Indi Surface High W Saturati Water M Sedime Drift De Algal M Iron De Surface Inundat Sparsel	ydrology Indicator icators (minimum of water (A1) later Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) lition Visible on Aeria ly Vegetated Concarvations: ter Present?	al Imagery (Eave Surface Yes Yes	Water-Stair  MLRA 1  Salt Crust (  Aquatic Invo  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl	ned Leave, 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reduce n Reductii Stressed lain in Re hes): hes):	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	tts (C3)	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Case Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
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Wetland Hy Primary Indi  Surface  High W  Saturati  Water M  Sedime  Drift De  Algal M  Iron De  Surface  Inundat  Sparsel  Field Obser  Surface Wat  Water Table  Saturation F (includes ca	ydrology Indicator icators (minimum of water (A1) rater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) dion Visible on Aeria ly Vegetated Concarvations: ter Present? e Present? prillary fringe)	al Imagery (Eave Surface Yes Yes Yes	Water-Stair  MLRA 1  Salt Crust (  Aquatic Invo  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl	ned Leave, , 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reducet Reduction Stressed ain in Re hes): hes): hes):	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	ots (C3)  i)  and Hydrol	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hy Primary Indi  Surface  High W  Saturati  Water M  Sedime  Drift De  Algal M  Iron De  Surface  Inundat  Sparsel  Field Obser  Surface Wat  Water Table  Saturation F (includes ca  Describe Re	ydrology Indicator icators (minimum of water (A1) rater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) dion Visible on Aeria ly Vegetated Concarvations: ter Present? e Present? prillary fringe)	al Imagery (Eave Surface Yes Yes Yes	Water-Stair  MLRA 1  Salt Crust (i  Aquatic Inv.  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl  No  Depth (inc.)  Depth (inc.)	ned Leave, , 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reducet Reduction Stressed ain in Re hes): hes): hes):	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	ots (C3)  i)  and Hydrol	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hy Primary Indi  Surface  High W Saturati  Water M Sedime  Drift De Algal M Iron De Surface Inundat Sparsel  Field Obser  Surface Wat  Water Table  Saturation F (includes ca	ydrology Indicator icators (minimum of water (A1) rater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) dion Visible on Aeria ly Vegetated Concarvations: ter Present? e Present? prillary fringe)	al Imagery (Eave Surface Yes Yes Yes	Water-Stair  MLRA 1  Salt Crust (i  Aquatic Inv.  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl  No  Depth (inc.)  Depth (inc.)	ned Leave, , 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reducet Reduction Stressed ain in Re hes): hes): hes):	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	ots (C3)  i)  and Hydrol	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hy Primary Indi  Surface High W Saturati Water M Sedime Drift De Algal M Iron De Surface Inundat Sparsel Field Obser Surface Wat Water Table Saturation F (includes ca	ydrology Indicator icators (minimum of water (A1) rater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) dion Visible on Aeria ly Vegetated Concarvations: ter Present? e Present? prillary fringe)	al Imagery (Eave Surface Yes Yes Yes	Water-Stair  MLRA 1  Salt Crust (i  Aquatic Inv.  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl  No  Depth (inc.)  Depth (inc.)	ned Leave, , 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reducet Reduction Stressed ain in Re hes): hes): hes):	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	ots (C3)  i)  and Hydrol	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hy Primary Indi  Surface High W Saturati Water M Sedime Drift De Algal M Iron De Surface Inundat Sparsel Field Obser Surface Wat Water Table Saturation F (includes ca	ydrology Indicator icators (minimum of water (A1) rater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) dion Visible on Aeria ly Vegetated Concarvations: ter Present? e Present? prillary fringe)	al Imagery (Eave Surface Yes Yes Yes	Water-Stair  MLRA 1  Salt Crust (i  Aquatic Inv.  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl  No  Depth (inc.)  Depth (inc.)	ned Leave, , 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reducet Reduction Stressed ain in Re hes): hes): hes):	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	ots (C3)  i)  and Hydrol	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Primary Indi Surface High W Saturati Water M Sedime Drift De Algal M Iron De Surface Inundat Sparsel Field Obser Surface Water Table Saturation E (includes ca	ydrology Indicator icators (minimum of water (A1) rater Table (A2) ion (A3) Marks (B1) ent Deposits (B2) eposits (B3) lat or Crust (B4) eposits (B5) e Soil Cracks (B6) dion Visible on Aeria ly Vegetated Concarvations: ter Present? e Present? prillary fringe)	al Imagery (Eave Surface Yes Yes Yes	Water-Stair  MLRA 1  Salt Crust (i  Aquatic Inv.  Hydrogen S  Oxidized Ri  Presence o  Recent Iron  Stunted or S  Other (Expl  No  Depth (inc.)  Depth (inc.)	ned Leave, , 2, 4A, a B11) ertebrate: Sulfide Ochizospher f Reducet Reduction Stressed ain in Re hes): hes): hes):	s (B13) dor (C1) res along d Iron (C4 on in Tille Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	ots (C3)  i)  and Hydrol	Water-Stained Leav 4A, and 4B) Drainage Patterns ( Dry-Season Water Saturation Visible of Geomorphic Position Shallow Aquitard (Displayed FAC-Neutral Test (In Raised Ant Mounds) Frost-Heave Humm  logy Present? Yes

#### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: WESTPORT 1: Sut SP city/County: WestPort Sampling Point: \_S Applicant/Owner: Steple Paris Investigator(s): P. Hamid 1 Section, Township, Range: \_\_\_ Landform (hillslope, terrace, etc.): IN (ar dure, / Local relief (concave, convex, none): Con Ocour \_\_ Slope (%): \_\_ Long: \_\_\_\_ Subregion (LRR): Lat: \_\_\_\_ NWI classification: DUNE Soil Map Unit Name: No \_\_\_\_\_ (If no, explain in Remarks.) Are climatic / hydrologic conditions on the site typical for this time of year? Yes Are "Normal Circumstances" present? Yes No \_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation , Soil , or Hydrology naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? Yes X No\_\_\_\_ within a Wetland? Wetland Hydrology Present? Remarks: VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30 % Cover Species? Status **Number of Dominant Species** 1. PINUS CONTOTES That Are OBL, FACW, or FAC: Total Number of Dominant (B) Species Across All Strata: Percent of Dominant Species 75 = Total Cover That Are OBL, FACW, or FAC: Sapling/Shrub Stratum (Plot size: \_ Prevalence Index worksheet: 1. Lonicera involuctata Total % Cover of: Multiply by: 2. Vacci Dium avvitalium 3. Salix hookeriang FACW species \_\_\_\_\_ x 2 = \_\_\_\_ 4. Alnus rubra FAC species \_\_\_\_\_ x 3 = \_\_\_\_ FACU species \_\_\_\_ x 4 = \_\_ 7.8 = Total Cover x 5 = \_\_\_\_ Herb Stratum (Plot size: \_ Column Totals: \_\_\_\_\_ (A) \_\_\_\_ (B) 1. Carex obouptes 2. Veronica Scutz Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** \_ 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. = Total Cover Woody Vine Stratum (Plot size: 15 FAC Hydrophytic Vegetation Present? と \_= Total Cover % Bare Ground in Herb Stratum

mo 35/ Lichan

Remarks:

Sampling Point: <u>SP-A3</u>

				20		m the absence of indicators.)
Depth Matrix (inches) Color (moist)	%	Color (moist)	Feature:	Type <sup>1</sup>	_Loc²	Texture Remarks
7-17						Litter
0-5 254 3/1	100		_			1 E c
	100	2-4-11		$\overline{}$		17.
5-10 2,54 4/1	_ 4 /	2.54 4/3	_3_	(2)	m	LF3
10-18 21544/2	<u>85</u>	104R 5/6	<u>15</u>	<u>C</u>	M	LFS
				-		
17 C. Concentration D.D.		-Dadward Matthy CC				21 continue DI - Dece Linius M. Madri
<sup>1</sup> Type: C=Concentration, D=D Hydric Soil Indicators: (Appl					ed Sand G	Frains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix.  Indicators for Problematic Hydric Soils <sup>3</sup> :
	icable to all			eu.,		2 cm Muck (A10)
Histosol (A1) Histic Epipedon (A2)		X Sandy Redox (S Stripped Matrix (				Red Parent Material (TF2)
Black Histic (A3)				1) (0×00	MI DA 1	
		Loamy Mucky M			I WILKA I	
Hydrogen Sulfide (A4)	(444)	Loamy Gleyed N		)		Other (Explain in Remarks)
Depleted Below Dark Surf	107.1	Depleted Matrix				3
Thick Dark Surface (A12)		Redox Dark Sur				<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)		Depleted Dark S		7)		wetland hydrology must be present,
Sandy Gleyed Matrix (S4)		Redox Depressi	ons (F8)			unless disturbed or problematic.
Restrictive Layer (if present)						
Type:						Hydric Soil Present? Yes No
Depth (inches):						Hydric Soil Present? Yes No
HYDROLOGY						
Wetland Hydrology Indicato						
Drimany Indicators (minimum						
1965 DOME 5-0 DOMESTICS DOMESTICS	or one require	ed; check all that apply	Parameter			Secondary Indicators (2 or more required)
Surface Water (A1)	or one require	Water-Stair	ned Leav		xcept	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2,
1985 DOME 6-0 DOMESTIC DOMESTIC	or one require	Water-Stair	Parameter		xcept	NOTIFIED DESIGN OF THE PROPERTY OF THE PROPERT
Surface Water (A1)	or one require	Water-Stair	ned Leav		xcept	Water-Stained Leaves (B9) (MLRA 1, 2,
Surface Water (A1)  High Water Table (A2)	or one require	Water-Stair	ned Leav I <b>, 2, 4A,</b> a (B11)	and 4B)	xcept	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	or one require	Water-Stain MLRA 1 Salt Crust (	ned Leave I, <b>2, 4A, a</b> (B11) rertebrate	and 4B) s (B13)	xcept	<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> </ul>
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	or one require	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv	ned Leav I, 2, 4A, a (B11) rertebrate Sulfide Od	and 4B) s (B13) dor (C1)		<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> <li>Saturation Visible on Aerial Imagery (C9)</li> </ul>
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	or one require	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R	ned Leav 1, 2, 4A, a (B11) rertebrate Sulfide Od hizosphe	and 4B) s (B13) dor (C1) res along	Living Roo	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) ots (C3)  ☑ Geomorphic Position (D2)
Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	or one require	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 8 Oxidized R Presence of	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Od hizosphe of Reduce	s (B13) dor (C1) res along	Living Roo 4)	Water-Stained Leaves (B9) (MLRA 1, 2,     4A, and 4B)     Drainage Patterns (B10)     Dry-Season Water Table (C2)     Saturation Visible on Aerial Imagery (C9)     Seomorphic Position (D2)     Shallow Aquitard (D3)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	or one require	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Oo hizosphe of Reduce n Reducti	s (B13) dor (C1) res along d Iron (C on in Tille	Living Roo 4) d Soils (C6	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5)
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6)		Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Stunted or	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Ochizosphe of Reduce in Reducti Stressed	s (B13) dor (C1) res along d Iron (C on in Tille Plants (D	Living Roo 4) d Soils (C6	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9)  ots (C3) ☑ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A)
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Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conc	al Imagery (E	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of Recent Iron  Stunted or  Other (Exp	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Ochizosphe of Reduce in Reducti Stressed	s (B13) dor (C1) res along d Iron (C on in Tille Plants (D	Living Roo 4) d Soils (C6	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  □ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9)  ots (C3) ☑ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A)
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Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conc Field Observations: Surface Water Present? Water Table Present?	al Imagery (Eave Surface Yes   Yes   X	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen 8  Oxidized R  Presence of  Recent Iror  Stunted or  Other (Exp  No Depth (inc	ned Leaving A. (B11) rertebrate Sulfide Or hizosphe of Reducet n Reducti Stressed lain in Reducti Stressed:	s (B13) dor (C1) res along d Iron (C on in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	— Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  — Drainage Patterns (B10)  — Dry-Season Water Table (C2)  — Saturation Visible on Aerial Imagery (C9)  ots (C3)   Geomorphic Position (D2)  — Shallow Aquitard (D3)  ✓ FAC-Neutral Test (D5)  — Raised Ant Mounds (D6) (LRR A)  — Frost-Heave Hummocks (D7)
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Surface Water (A1)  High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conc Field Observations: Surface Water Present? Water Table Present? Saturation Present?	al Imagery (Eave Surface  Yes   Yes  Yes	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen 8  Oxidized R  Presence of Recent Iror Stunted or  Stunted or  Other (Exp  No Depth (inc	ned Leaving A. (B11) rertebrate Sulfide Ochizosphe of Reducti Stressed lain in Re ches):	s (B13) dor (C1) res along dor in Tille Plants (Demarks)	Living Root 4) d Soils (Co 1) (LRR A	— Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) — Drainage Patterns (B10) — Dry-Season Water Table (C2) — Saturation Visible on Aerial Imagery (C9) ots (C3)  ✓ Geomorphic Position (D2) — Shallow Aquitard (D3) 6) ✓ FAC-Neutral Test (D5) — Raised Ant Mounds (D6) (LRR A) — Frost-Heave Hummocks (D7)
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Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conc Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stres	al Imagery (Eave Surface  Yes   Yes	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen 8  Oxidized R  Presence of Recent Iror Stunted or  Stunted or  Other (Exp  No Depth (inc	ned Leaving A. (B11) rertebrate Sulfide Ochizosphe of Reducti Stressed lain in Re ches):	s (B13) dor (C1) res along dor in Tille Plants (Demarks)	Living Root 4) d Soils (Co 1) (LRR A	— Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) — Drainage Patterns (B10) — Dry-Season Water Table (C2) — Saturation Visible on Aerial Imagery (C9) ots (C3)  ✓ Geomorphic Position (D2) — Shallow Aquitard (D3) 6) ✓ FAC-Neutral Test (D5) — Raised Ant Mounds (D6) (LRR A) — Frost-Heave Hummocks (D7)

#### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: Westport light SP city/County: Westport State: Why Sampling Point: SP P. Hamidi Section, Township, Range: \_\_\_ Investigator(s): Landform (hillslope, terrace, etc.): Interdorg Local relief (concave, convex, none): Contract \_\_\_\_ Long: \_\_\_\_ Subregion (LRR): \_\_\_\_/A Datum: Lat: UPLGNA NWI classification: \_\_\_ Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_ <a href="Molecular-no-explain">W</a>\_ <a href="Molecular-no-explain">No \_\_\_\_\_</a>\_ (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes X No Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? Yes \_\_\_\_ No\_ within a Wetland? Wetland Hydrology Present? Yes \_\_\_ No Remarks: Photos 899-902 VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30') % Cover Species? Status **Number of Dominant Species** 1. Pinos contorta That Are OBL, FACW, or FAC: **Total Number of Dominant** Species Across All Strata: Percent of Dominant Species 50 = Total Cover (A/B) That Are OBL, FACW, or FAC: Sapling/Shrub Stratum (Plot size: \_\_\_ Prevalence Index worksheet: 1. Cutious Scopartus Total % Cover of: Multiply by: 2. Vaccinium ovatum OBL species \_\_\_\_\_ x 1 = \_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_\_ FACU species \_\_\_\_ x 4 = \_\_ = Total Cover UPL species \_\_\_ x 5 = \_\_\_ Herb Stratum (Plot size: Column Totals: \_\_\_\_\_ (A) \_\_\_\_ (B) 1. Goodyerg 2. Carex obnup Prevalence Index = B/A = Hydrophytic Vegetation Indicators: \_\_\_ 1 - Rapid Test for Hydrophytic Vegetation ∠ 2 - Dominance Test is >50% \_\_ 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) 10.\_\_\_\_\_ <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 20\_ = Total Cover Woody Vine Stratum (Plot size: \_\_\_\_) 1. \_\_\_\_ Hydrophytic Vegetation Yes X No\_\_\_\_ Present? = Total Cover

% Bare Ground in Herb Stratum

70% moss

Remarks:

DepthMatrix			x Feature	S			
(inches) Color (moist)	%	Color (moist)	%_	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
1/2-0						Litter	
0-9 104R4/2						LFS	
9-18 2,54 4/3	2 93	1042414	7	C	M	VFS	
		45	3.5	-	7.4		
			75	7			The same of the same of
		111111			×		The state of the s
Tune: C=Concentration D=De	nlotion DM=	Poduced Matrix C	C-Causes	d as Caste		rains 21	ocation: PL=Pore Lining, M=Matrix.
Type: C=Concentration, D=De Hydric Soil Indicators: (Appl					ed Sand G	Indicat	tors for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		_ Sandy Redox (		,			cm Muck (A10)
Histic Epipedon (A2)	- L	_ Stripped Matrix				D 10000	ed Parent Material (TF2)
Black Histic (A3)		_ Loamy Mucky		1) (excep	t MLRA 1	the state of the s	ry Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)		_ Loamy Gleyed					her (Explain in Remarks)
Depleted Below Dark Surfa	ace (A11)	Depleted Matri				to an ext	
Thick Dark Surface (A12)		Redox Dark St		)		3Indica	tors of hydrophytic vegetation and
Sandy Mucky Mineral (S1)		Depleted Dark	Surface (F	F7)		wetl	and hydrology must be present,
Sandy Gleyed Matrix (S4)		_ Redox Depres	sions (F8)			unle	ess disturbed or problematic.
Restrictive Layer (if present)							
Type:		-				13 3 3	CONTROL OF CARRIED
						Hydric So	il Present? Yes No
						riyunc soo	
Depth (inches):	s:					nyunc so	
Remarks:		check all that app	oly)				ondary Indicators (2 or more required)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator			oly) ained Leav	ves (B9) (e	except	Seco	
IYDROLOGY Wetland Hydrology Indicator		Water-Sta				Seco	ondary Indicators (2 or more required)
IYDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum o		Water-Sta	ained Leav 1, 2, 4A,			Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hydrology Indicator Primary Indicators (minimum o  Surface Water (A1)  High Water Table (A2)  Saturation (A3)		Water-Standard MLRA Salt Crus	ained Leav 1, 2, 4A,	and 4B)		Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Wetland Hydrology Indicator Primary Indicators (minimum o Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)		Water-Sta MLRA Salt Crus Aquatic Ir	ained Leav 1 <b>, 2, 4A,</b> t (B11)	and 4B) es (B13)		Secondary Second	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of		Water-Sta MLRA Salt Crus Aquatic Ir Hydroger	ained Leav 1, 2, 4A, t (B11) nvertebrate n Sulfide O	and 4B) es (B13) edor (C1)		Secondary Second	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum o  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)		Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized	ained Leav 1, 2, 4A, t (B11) nvertebrate n Sulfide O Rhizosphe	es (B13) dor (C1) eres along	Living Ro	Secondary Second	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS) Geomorphic Position (D2)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of		Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence	ained Leav 1, 2, 4A, t (B11) nvertebrate a Sulfide O Rhizosphe e of Reduce	es (B13) dor (C1) eres along ed Iron (C	Living Ro 4)	Secondary Second	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of		Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir	ained Leav 1, 2, 4A, t (B11) nvertebrate n Sulfide O Rhizosphe of Reduct on Reduct	es (B13) dor (C1) eres along ed Iron (C	Living Ro 4) ed Soils (C	Second Se	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of	f one required:	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted of	ained Leav 1, 2, 4A, t (B11) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct or Stressed	es (B13) dor (C1) eres along ed Iron (C tion in Tille d Plants (D	Living Ro 4) ed Soils (C	Second Se	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of	f one required:	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted o	ained Leav 1, 2, 4A, t (B11) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct or Stressed	es (B13) dor (C1) eres along ed Iron (C tion in Tille d Plants (D	Living Ro 4) ed Soils (C	Second Se	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of	f one required:	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted o	ained Leav 1, 2, 4A, t (B11) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct or Stressed	es (B13) dor (C1) eres along ed Iron (C tion in Tille d Plants (D	Living Ro 4) ed Soils (C	Second Se	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of	one required:  I Imagery (B7)  I Surface (B	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leavan 1, 2, 4A, at (B11) invertebrate in Sulfide O Rhizosphe of Reduction Reductor Stressed splain in Reduction Reducti	es (B13) dor (C1) eres along ed Iron (C tion in Tille d Plants (E emarks)	Living Ro 4) ed Soils (C 01) (LRR A	Second Se	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of	Il Imagery (B7) Ne Surface (B	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leavanne Leavan	es (B13) clor (C1) eres along ed Iron (C clion in Tille d Plants (E emarks)	Living Ro 4) ed Soils (C 01) (LRR 4	Second Se	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator Primary Indicators (minimum of the content of t	I Imagery (B7) ave Surface (B Yes N Yes N	Water-Sta  MLRA  Salt Crus  Aquatic Ir  Hydroger  Oxidized  Presence  Recent Ir  Stunted of  Other (Ex	ained Leavan 1, 2, 4A, t (B11) Invertebrate in Sulfide O Rhizosphe of Reduction Reduction Stressed (plain in Reduction Stressed (plain in Reduction Stressed):	and 4B) es (B13) edor (C1) eres along ed Iron (C ion in Tille d Plants (D emarks)	Living Ro 4) ed Soils (C 01) (LRR A	Second Se	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of	I Imagery (B7) ave Surface (B  Yes N  Yes N	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leavanne Leavan	es (B13) clor (C1) eres along ed Iron (C clion in Tille d Plants (E emarks)	Living Ro 4) ed Soils (C 01) (LRR A	Secondary Second	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the content of	I Imagery (B7) ave Surface (B  Yes N  Yes N	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leavanne Leavan	es (B13) clor (C1) eres along ed Iron (C clion in Tille d Plants (E emarks)	Living Ro 4) ed Soils (C 01) (LRR A	Secondary Second	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Remarks:  IYDROLOGY  Wetland Hydrology Indicator Primary Indicators (minimum of the content of t	I Imagery (B7) ave Surface (B  Yes N  Yes N	Water-Sta MLRA Salt Crus Aquatic Ir Hydroger Oxidized Presence Recent Ir Stunted of Other (Ex	ained Leavanne Leavan	es (B13) clor (C1) eres along ed Iron (C clion in Tille d Plants (E emarks)	Living Ro 4) ed Soils (C 01) (LRR A	Secondary Second	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

#### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Westport light SP. city/county: West port Sampling Point: \_ Applicant/Owner: R. Hamid Section, Township, Range: Investigator(s): Landform (hillslope, terrace, etc.): Interdored Local relief (concave, convex, none): Concase Slope (%): \_\_ Long: \_ Subregion (LRR): NWI classification: DUN= Caro Soil Map Unit Name: \_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_\_ Are "Normal Circumstances" present? Yes \_\_X Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation , Soil , or Hydrology naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? Yes X No within a Wetland? Wetland Hydrology Present? Remarks: Photos 908-910 wetland A East Bridge VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30 % Cover Species? Status Number of Dominant Species 1. PINUS contorty That Are OBL, FACW, or FAC: **Total Number of Dominant** (B) Species Across All Strata: Percent of Dominant Species 50 = Total Cover That Are OBL, FACW, or FAC: (A/B) Sapling/Shrub Stratum (Plot size: 13 Prevalence Index worksheet: 1. Looicera modrocketa Total % Cover of: Multiply by: 2. morelly cultifornity. OBL species \_\_\_\_\_ x 1 = \_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_\_ \_\_\_\_ x4= **FACU** species = Total Cover UPL species x 5 = Herb Stratum (Plot size: Column Totals: \_\_\_\_\_ (A) \_\_\_\_\_ (B) 1. Cairex obnuptes Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** \_\_ 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) 10. <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. = Total Cover Woody Vine Stratum (Plot size: 15 1. Rubus urstrus Hydrophytic Vegetation Yes X No\_\_\_\_ Present? = Total Cover % Bare Ground in Herb Stratum Remarks:

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J	u	ı	_	

Sampling Point: SP-A5

Depth Matrix (inches) Color (moist)					the absence	
(inches) Color (moist)		Redox Fea		Loc <sup>2</sup>	T- 4	D
1-0	%	Color (moist) %	Type	Loc	Texture 1	Remarks
1.					Litter	
0-4 2,54411	100				LIS	
4-16 2.54 4/1	97	2544/3 3	C	M	LFS	
					n	
				77 77 71	grintered T	
Type: C=Concentration, D=De	epletion, RM	=Reduced Matrix, CS=Cov	ered or Coate	ed Sand Gr	rains. <sup>2</sup> Lo	cation: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Appl				ou curiu cr		ors for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		X Sandy Redox (S5)				n Muck (A10)
Histic Epipedon (A2)		Stripped Matrix (S6)				Parent Material (TF2)
Black Histic (A3)		Loamy Mucky Minera	l (F1) (excep	t MLRA 1)		y Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)		Loamy Gleyed Matrix				er (Explain in Remarks)
Depleted Below Dark Surfa	ace (A11)	Depleted Matrix (F3)				
Thick Dark Surface (A12)		Redox Dark Surface	(F6)		3Indicate	ors of hydrophytic vegetation and
Sandy Mucky Mineral (S1)		Depleted Dark Surface				nd hydrology must be present,
Sandy Gleyed Matrix (S4)		Redox Depressions (	F8)	1115	unles	s disturbed or problematic.
Restrictive Layer (if present):					17. 1	
Type:						2
Depth (inches):					Hydric Soil	Present? Yes / No
VPPOLOOV		<u> </u>				
IYDROLOGY Wetland Hydrology Indicator	rs:					
		ed; check all that apply)			Seco	ndary Indicators (2 or more required)
Wetland Hydrology Indicator		ed; check all that apply) Water-Stained I	.eaves (B9) (	except		ndary Indicators (2 or more required) Vater-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hydrology Indicator				except		
Wetland Hydrology Indicator Primary Indicators (minimum o Surface Water (A1)		Water-Stained I MLRA 1, 2, Salt Crust (B11)	4A, and 4B)	except	_ v	Vater-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hydrology Indicator Primary Indicators (minimum o Surface Water (A1) High Water Table (A2)		Water-Stained I MLRA 1, 2, Salt Crust (B11) Aquatic Invertel	<b>1A, and 4B)</b> prates (B13)	except	_ v	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Prainage Patterns (B10) Pry-Season Water Table (C2)
Wetland Hydrology Indicator Primary Indicators (minimum o Surface Water (A1) High Water Table (A2) Saturation (A3)		Water-Stained I MLRA 1, 2, Salt Crust (B11)	<b>1A, and 4B)</b> prates (B13)	except	_ v	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Prainage Patterns (B10) Pry-Season Water Table (C2)
Wetland Hydrology Indicator Primary Indicators (minimum o Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)		Water-Stained I MLRA 1, 2, 4 Salt Crust (B11) Aquatic Invertet Hydrogen Sulfic Oxidized Rhizos	orates (B13) le Odor (C1) spheres along	Living Roo	v	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Prainage Patterns (B10) Pry-Season Water Table (C2)
Wetland Hydrology Indicator Primary Indicators (minimum o Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-Stained I MLRA 1, 2, Salt Crust (B11) Aquatic Invertel Hydrogen Sulfic Oxidized Rhizos Presence of Re	AA, and AB) prates (B13) le Odor (C1) spheres along duced Iron (C	Living Roo 4)	V C C S ots (C3) C	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Prainage Patterns (B10) Pry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9)
Wetland Hydrology Indicator Primary Indicators (minimum o Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)		Water-Stained I MLRA 1, 2, 4 Salt Crust (B11) Aquatic Invertel Hydrogen Sulfic Oxidized Rhizos Presence of Re Recent Iron Res	AA, and AB) orates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille	Living Roo 4) ed Soils (Ce	V C S ots (C3) C S	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Orainage Patterns (B10)  Ory-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Secomorphic Position (D2)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6)	of one require	Water-Stained I MLRA 1, 2, 4 Salt Crust (B11) Aquatic Invertel Hydrogen Sulfic Oxidized Rhizos Presence of Re Recent Iron Res	arates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I	Living Roo 4) ed Soils (Ce	V C S ots (C3) C S	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Orainage Patterns (B10)  Ory-Season Water Table (C2)  Staturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeric	of one require	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Rec  Stunted or Stres  Other (Explain i	arates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I	Living Roo 4) ed Soils (Ce	V C S ots (C3) S S 6) F	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Esturation Visible on Aerial Imagery (C9)  Esturation Position (D2)  Estallow Aquitard (D3)  EAC-Neutral Test (D5)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6)	of one require	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Rec  Stunted or Stres  Other (Explain i	arates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I	Living Roo 4) ed Soils (Ce	V C S ots (C3) S S 6) F	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Secomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeria	of one require	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Rec  Stunted or Street  (B8)	prates (B13) de Odor (C1) spheres along duced Iron (C duction in Tille assed Plants (I in Remarks)	Living Roo 4) ed Soils (Ce	V C S ots (C3) S S 6) F	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Esturation Visible on Aerial Imagery (C9)  Escomorphic Position (D2)  Enallow Aquitard (D3)  EAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeria Sparsely Vegetated Conca	of one require	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Res  Stunted or Stres  Other (Explain i  (B8)	prates (B13) le Odor (C1) spheres along duced Iron (C duction in Tille ssed Plants (I n Remarks)	Living Roo 4) ed Soils (Ce	V C S ots (C3) S S 6) F	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Eaturation Visible on Aerial Imagery (C9)  Ecomorphic Position (D2)  Ehallow Aquitard (D3)  EAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeric Sparsely Vegetated Concertications: Surface Water Present?	al Imagery (I ave Surface	Water-Stained I  MLRA 1, 2, 4  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Rec  Stunted or Stres  Other (Explain in (B8))  No Depth (inches)  No Depth (inches)	prates (B13) le Odor (C1) spheres along duced Iron (C duction in Tille ssed Plants (I n Remarks)	Living Roo 4) ed Soils (Ce	V C S ots (C3) S S 6) F	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Eaturation Visible on Aerial Imagery (C9)  Ecomorphic Position (D2)  Ehallow Aquitard (D3)  EAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeria Sparsely Vegetated Concastication Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	al Imagery (I ave Surface Yes Yes Yes	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Res  Stunted or Stres  Other (Explain i  (B8)  No Depth (inches)  No Depth (inches)	prates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I n Remarks)	Living Roo 4) ed Soils (C6 01) (LRR A	V C C S S S S F F I	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Esturation Visible on Aerial Imagery (C9)  Escomorphic Position (D2)  Enallow Aquitard (D3)  EAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerica	al Imagery (I ave Surface Yes Yes Yes	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Res  Stunted or Stres  Other (Explain i  (B8)  No Depth (inches)  No Depth (inches)	prates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I n Remarks)	Living Roo 4) ed Soils (C6 01) (LRR A	V C C S S S S F F I	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Seomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeric Sparsely Vegetated Concastication Visible on Serield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	al Imagery (I ave Surface Yes Yes Yes	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Res  Stunted or Stres  Other (Explain i  (B8)  No Depth (inches)  No Depth (inches)	prates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I n Remarks)	Living Roo 4) ed Soils (C6 01) (LRR A	V C C S S S S F F I	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Seomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeriation Sparsely Vegetated Concastield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	al Imagery (I ave Surface Yes Yes Yes	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Res  Stunted or Stres  Other (Explain i  (B8)  No Depth (inches)  No Depth (inches)	prates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I n Remarks)	Living Roo 4) ed Soils (C6 01) (LRR A	V C C S S S S F F I	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Seomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeric Sparsely Vegetated Concast (B4) Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (streat	al Imagery (I ave Surface Yes Yes Yes	Water-Stained I  MLRA 1, 2,  Salt Crust (B11)  Aquatic Invertel  Hydrogen Sulfic  Oxidized Rhizos  Presence of Re  Recent Iron Res  Stunted or Stres  Other (Explain i  (B8)  No Depth (inches)  No Depth (inches)	prates (B13) le Odor (C1) spheres along duced Iron (C) duction in Tille ssed Plants (I n Remarks)	Living Roo 4) ed Soils (C6 01) (LRR A	V C C S S S S F F I	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Prainage Patterns (B10)  Pry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Seomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)

### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: WestPost light S.P.	Citv/C	ounty: West	Port :	Sampling Date: 3-31-2/
Applicant/Owner: Store Park				Sampling Point: SP-Ala
Investigator(s): P. Hamidi	Section	n, Township, Rar	nge:	
Landform (hillslope, terrace, etc.): INKYOUNG	Local	relief (concave, c	convex, none): Con Va	
Subregion (LRR):	Lat:		Long:	Datum:
Soil Map Unit Name: DUN2 Land			NWI classifica	tion: pland
Are climatic / hydrologic conditions on the site typical for this ti	me of year? Y	es 🔏 No_	(If no, explain in Re	marks.)
Are Vegetation, Soil, or Hydrology sign		,		esent? Yes X No
Are Vegetation, Soil, or Hydrology natu			eded, explain any answers	
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes No _	V	4.7634	Parket and the	
Hydric Soil Present? Yes No		Is the Sampled	Area	_ No <u>*</u>
Wetland Hydrology Present? Yes No _	X	within a Wetlan	d? Yes	_ NO 🔀
Remarks: Photos 911-913				
111-413				
VEGETATION – Use scientific names of plants		to de la la		
		inant Indicator cies? Status	Dominance Test works	
1. Pinus contoste	40	FAC	Number of Dominant Spo That Are OBL, FACW, or	
2.			Total Number of Domina	
3			Species Across All Strata	_
4	110		Percent of Dominant Spe	ecies :
Sapling/Shrub Stratum (Plot size: 15	40 = To	al Cover	That Are OBL, FACW, o	
1. Cytisus Scoparius	20 1	y UPL	Prevalence Index work	ALM ADMINISTRATION OF THE PROPERTY OF THE PROP
2.			Total % Cover of: OBL species	Multiply by:
3			OBL species FACW species	x1= 10 x2=
4			FAC species	
5	20		FACU species Z	
Herb Stratum (Plot size: 5'	= Tot	al Cover	UPL species 20	
	10 M	FACU	Column Totals: 95	(A) 330 (B)
2. Carex obnupts	10 Y	OBL	Prevalence Index	= B/A = 3,47
3. Palystichum munitul	5		Hydrophytic Vegetation	n Indicators:
4. Hypo Chaeris radicate	10 Y	<u>FACU</u>	1 - Rapid Test for Hy	ydrophytic Vegetation
5			2 - Dominance Test	is >50%
6			3 - Prevalence Index	
7			4 - Morphological Adda in Remarks	daptations <sup>1</sup> (Provide supporting or on a separate sheet)
9.			5 - Wetland Non-Va	
10.			The second control of the control of	hytic Vegetation <sup>1</sup> (Explain)
11.			<sup>1</sup> Indicators of hydric soil	and wetland hydrology must
	35 = Tota	al Cover	be present, unless distu	rbed or problematic.
Woody Vine Stratum (Plot size: 15	- 1,00 <del>0</del> 1 = 1 = 0.		L .	
1			Hydrophytic Vegetation	
2	P = Tota	al Cover	Present? Yes	No_ <u>X</u>
% Bare Ground in Herb Stratum		ai OUVEI		
Remarks:				
moss				
11377				

Sampling Point: S-A6

rofile Descripti Depth	Matrix			c Feature	9			
inches)	Color (moist)	%	Color (moist)	%	_Type <sup>1</sup>	_Loc <sup>2</sup> _	Texture	Remarks
09 7	2,54 4/2,5		~ <u>~</u> ~ ~	_			LFS	
9-18 2,	244/5	97	2,544/3	3	<u></u>	M	LFS	-
ydric Soil Indic  Histosol (A1)  Histic Epipec  Black Histic Hydrogen St  Depleted Be  Thick Dark S  Sandy Muck	cators: (Applical ) don (A2) (A3) ulfide (A4) elow Dark Surface Surface (A12) by Mineral (S1) ed Matrix (S4)	ble to all l	Reduced Matrix, CS LRRs, unless other Sandy Redox (S Stripped Matrix Loamy Mucky M Loamy Gleyed I Depleted Matrix Redox Dark Sur Depleted Dark S Redox Depress	wise not (S5) (S6) Mineral (F Matrix (F2 (F3) face (F6) Surface (F6)	1) (except 2) -7)		Indicate 2 cm 2 c	ocation: PL=Pore Lining, M=Matrix. tors for Problematic Hydric Soils <sup>3</sup> : cm Muck (A10) ed Parent Material (TF2) ery Shallow Dark Surface (TF12) ther (Explain in Remarks) tors of hydrophytic vegetation and land hydrology must be present, ess disturbed or problematic.
oourouve Eage							1-20	
Type:								
Remarks:	s):						Hydric So	il Present? Yes No
Depth (inches	s):						Hydric So	il Present? Yes No
Depth (inches Remarks:  YDROLOGY Wetland Hydrol Primary Indicator	logy Indicators:		l; check all that apply				Seco	ondary Indicators (2 or more required)
Depth (inches Remarks:  YDROLOGY Wetland Hydrol Primary Indicator Surface Wat High Water	logy Indicators: rs (minimum of onter (A1) Table (A2)		l; check all that apply	ned Leav 1, 2, 4A,		xcept	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
Depth (inches Remarks:  YDROLOGY Wetland Hydrol Primary Indicator Surface Wat High Water Saturation (A	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1)		l; check all that apply  Water-Stai  MLRA  Salt Crust  Aquatic Inv	ned Leav 1, 2, 4A, a (B11) vertebrate	and 4B)	xcept	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (inches Remarks:  YDROLOGY  Vetland Hydrol  Primary Indicator  Surface Wat  High Water  Saturation (A  Water Marks  Sediment De  Drift Deposit	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3)		l; check all that apply  Water-Stai  MLRA  Salt Crust  Aquatic Inv  Hydrogen  Oxidized R	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O Rhizosphe	es (B13) dor (C1) eres along	Living Roo	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2)
Depth (inches Remarks:  YDROLOGY Vetland Hydrol Primary Indicator Surface Wat High Water Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) is (B5)		l; check all that apply  Water-Stai  MLRA  Salt Crust  Aquatic Inv  Hydrogen  Oxidized R  Presence of Recent Iro	ned Leaven 1, 2, 4A, 3 (B11) Invertebrate Sulfide ORhizospher Reducen Reduction	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille	Living Room	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches Remarks:  YDROLOGY  Vetland Hydrol Primary Indicator Surface Wat High Water Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Inundation V	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ss (B5) I Cracks (B6) //sible on Aerial In	ne required	: check all that apply  Water-Stai  MLRA  Salt Crust  Aquatic Inv  Hydrogen  Oxidized R  Presence of Recent Iro  Stunted or  Other (Exp	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O Rhizosphe of Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Room	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Cite Geomorphic Position (D2) Shallow Aquitard (D3)
Primary Indicator Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Inundation V Sparsely Ve	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ss (B5) I Cracks (B6) //sible on Aerial Ingetated Concave	ne required	: check all that apply  Water-Stai  MLRA  Salt Crust  Aquatic Inv  Hydrogen  Oxidized R  Presence of Recent Iro  Stunted or  Other (Exp	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O Rhizosphe of Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Room	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Depth (inches Remarks:  YDROLOGY  Vetland Hydrol Primary Indicator Surface Wat High Water Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Inundation V Sparsely Ve	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) s (B5) Cracks (B6) //sible on Aerial Ingetated Concave	nagery (B7 Surface (I	I; check all that apple  Water-Stai  MLRA  Salt Crust  Aquatic Inv  Hydrogen  Oxidized R  Presence of Recent Iro  Stunted or  Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduce n Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D emarks)	Living Room	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Cs Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicator Surface Water Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Inundation V Sparsely Ve Field Observation	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) is (B5) I Cracks (B6) //isible on Aerial Ingetated Concave ons: resent? Ye	nagery (B7 Surface (I	I: check all that apply  Water-Stai  MLRA  Salt Crust  Aquatic Inv  Hydrogen  Oxidized R  Presence of Recent Iro  Stunted or  Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduct n Reducti Stressed blain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Room	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Cs Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Property (inches Remarks:  YDROLOGY  Wetland Hydrol  Primary Indicator  Surface Water  High Water  Saturation (A  Water Marks  Sediment De  Drift Deposit  Algal Mat or  Iron Deposit  Surface Soil  Inundation V  Sparsely Ve  Field Observation  Surface Water P  Water Table Prese  Saturation Prese  (includes capillar)	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6) //sible on Aerial Ingetated Concave ons: resent? Yesent? Yesent? Yesent? Yesent? Yesent?	nagery (Bi Surface (Bi ss)	Check all that apply Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp 38)  No Depth (inc	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduce n Reducti Stressed blain in Re ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D emarks)	Living Room	ss (C3)	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Cs Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Depth (inches Remarks:  YDROLOGY Wetland Hydrol Primary Indicator Surface Wate High Water Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Inundation V Sparsely Ve Field Observati Surface Water P Water Table Pres Saturation Prese (includes capillar)	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6) //sible on Aerial Ingetated Concave ons: resent? Yesent? Yesent? Yesent? Yesent? Yesent?	nagery (Bi Surface (Bi ss)	check all that apply   Water-Stai   MLRA	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduce n Reducti Stressed blain in Re ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D emarks)	Living Room	ss (C3)	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Depth (inches Remarks:  YDROLOGY Wetland Hydrol Primary Indicator Surface Wate High Water Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Inundation V Sparsely Ve Field Observati Surface Water P Water Table Pres Saturation Prese (includes capillar)	logy Indicators: rs (minimum of onter (A1) Table (A2) A3) s (B1) eposits (B2) ts (B3) Crust (B4) ts (B5) Cracks (B6) //sible on Aerial Ingetated Concave ons: resent? Yesent? Yesent? Yesent? Yesent? Yesent?	nagery (Bi Surface (Bi ss)	Check all that apply Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp 38)  No Depth (inc	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduce n Reducti Stressed blain in Re ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D emarks)	Living Room	ss (C3)	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

WETLAND DETERMINATION DA	NTA FORM – Western Mou	ntains, Valleys, and Coast Region 3-3/-2
Project/Site: West Post 1; glot 5, P.	City/County: Was	Boyt Sampling Date:
Applicant/Owner: State Pask	Trees, the same of	State: WA Sampling Point: SP-A7
Investigator(s): P. Hamidi	Section, Township, Ra	
Landform (hillslope, terrace, etc.): Nex du Pa	Local relief (concave,	convex, none): Con Caude Slope (%): 1
^		Long: Datum:
Soil Map Unit Name: DUNG Land		NWI classification: PFM (C
Are climatic / hydrologic conditions on the site typical for thi		
Are Vegetation, Soil, or Hydrology		"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology i		eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing sampling point l	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes _ X	lo	The second of the second of the second of
The state of the s	lo Is the Sampled	
	lo within a Wetlan	nd? Yes <u>1</u> 00 No
Remarks: Photos 927-928 W	etherel A - NEgr	N. Forrest St.
VEGETATION – Use scientific names of plan		or G. S. C. Const. and S. and
Tree Stratum (Plot size: 30)	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:  Number of Dominant Species
1. Pinus Gontoxta	5 PAC	That Are OBL, FACW, or FAC:(A)
2. Alnus rubka	20 y FAC	Total Number of Dominant
3.	-2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Species Across All Strata: (B)
4		Percent of Dominant Species
Sapling/Shrub Stratum (Plot size: 15)	= Total Cover	That Are OBL, FACW, or FAC: (A/B)
1. Rubus Speetahalas	10 V FAC	Prevalence Index worksheet:
2. Lonicexa inhabetata	5 Y FAR	Total % Cover of: Multiply by:
3.	a the state of the state of the	OBL species x 1 =
4.	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FACW species x 2 =
5.		FAC species x 3 = FACU species x 4 =
5	= Total Cover	UPL species x 5 =
Herb Stratum (Plot size: 5'	90 Y DBL	Column Totals: (A) (B)
2.		
3.		Prevalence Index = B/A = Hydrophytic Vegetation Indicators:
4.		1 - Rapid Test for Hydrophytic Vegetation
5.		✓ 2 - Dominance Test is >50%
6		3 - Prevalence Index is ≤3.0¹
7.	75 x 5 μπ,	4 - Morphological Adaptations¹ (Provide supporting
8.		data in Remarks or on a separate sheet)
9.		5 - Wetland Non-Vascular Plants <sup>1</sup>
10		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
11.		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Mandy Vine Stratum (Diet siese 15	= Total Cover	be present, unless disturbed of problematic.
Woody Vine Stratum (Plot size: 15		the second second second
1 2.	7	Hydrophytic Vegetation
	O = Total Cover	Present? Yes No No
% Bare Ground in Herb Stratum		and the state of t
Remarks:	1.7	
the second part of the second		

Depth (inchee) Color (moist) % Color (moist) % Type Loc Color (moist) % Type Sandy Reduced Matrix, CS=Covered or Coated Sand Grait Hydrosol Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histocol (A1)	Texture Remarks  LFS  LFS  Ins. <sup>2</sup> Location: PL=Pore Lining, M=Matrix.  Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.  Hydric Soil Present? Yes \( \sum \) No
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grailydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)  Histosol (A2)  Black Histic (A3)  Loamy Mucky Mineral (F1) (except MLRA 1)  Loamy Gleyed Matrix (F2)  Depleted Below Dark Surface (A11)  Depleted Below Dark Surface (A11)  Depleted Matrix (F3)  Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Mucky Mineral (F1) (except MLRA 1)  Depleted Dark Surface (F6)  Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4)  Redox Dark Surface (F7)  Redox Depressions (F8)  Retestrictive Layer (if present):  Type:  Depth (inches):  Remarks:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  MLRA 1, 2, 4A, and 4B)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grail (Varic Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)  Histosol (A2)  Black Histic (A3)  Loamy Mucky Mineral (F1) (except MLRA 1)  Hydrogen Sulfide (A4)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Mucky Mineral (S1)  Sandy Gleyed Matrix (S4)  Redox Dark Surface (F6)  Sandy Gleyed Matrix (S4)  Redox Depressions (F8)  Retrictive Layer (if present):  Type:  Depth (inches):  Remarks:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  MLRA 1, 2, 4A, and 4B)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grail lydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)  Histosol (A2)  Sandy Redox (S5)  Black Histic (A3)  Loamy Mucky Mineral (F1) (except MLRA 1)  Hydrogen Sulfide (A4)  Depleted Below Dark Surface (A11)  Depleted Matrix (F2)  Sandy Mucky Mineral (S1)  Sandy Mucky Mineral (S1)  Sandy Gleyed Matrix (S4)  Redox Dark Surface (F6)  Sandy Gleyed Matrix (S4)  Redox Dark Surface (F7)  Sandy Gleyed Matrix (S4)  Redox Depressions (F8)  Retrictive Layer (if present):  Type:  Depth (inches):  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  MLRA 1, 2, 4A, and 4B)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Algoric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) (except MLRA 1) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Redox Depressions (F8)  Restrictive Layer (if present): Type: Depth (inches):  Remarks:  Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) MLRA 1, 2, 4A, and 4B)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) (except MLRA 1) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Redox Depressions (F8)  Destrictive Layer (if present): Type: Depth (inches):  Depth (inches):  Demarks:   YDROLOGY  Vetland Hydrology Indicators:  Irimary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) MLRA 1, 2, 4A, and 4B)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histosol (A1)  Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Depleted Below Dark Surface (A11)  Sandy Mucky Mineral (F1) (except MLRA 1)  Loamy Gleyed Matrix (F2)  Depleted Matrix (F3)  Redox Dark Surface (F6)  Depleted Dark Surface (F7)  Redox Depressions (F8)  Restrictive Layer (if present):  Type:  Depth (inches):  Remarks:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  Histosol (A1)  Stripped Matrix (S6)  Loamy Mucky Mineral (F1) (except MLRA 1)  Loamy Gleyed Matrix (F2)  Depleted Matrix (F3)  Redox Dark Surface (F6)  Depleted Dark Surface (F7)  Redox Depressions (F8)  Remarks:	Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histic Epipedon (A2) Stripped Matrix (S6)  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)	Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
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)	Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Hydrogen Sulfide (A4) 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 Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present): Type: Depth (inches): Permarks:  Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2)	<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present):  Type: Depth (inches):  Remarks:  Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2)  Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Depressions (F8)  Redox Dark Surface (F6) Depleted Dark Surface (F6) Pepleted Dark Surface (F6) Depleted Dark Surface (F6) Redox Dark Surface (F6) Pepleted Dark Surface (F6) Redox Dark Surface (F6) Depleted Dark Surface (F6) Redox Dark Surface (F7) Redox Dark Surface (F6) Redox Dark Surface (F6) Redox Dark Surface (F6) Redox Dark Surface (F7) Redox Dark Surfac	wetland hydrology must be present, unless disturbed or problematic.
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present): Depth (inches): Depth (inches): Permarks:  YDROLOGY  Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2)	wetland hydrology must be present, unless disturbed or problematic.
Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present):  Type: Depth (inches):  Remarks:  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2)	unless disturbed or problematic.
Restrictive Layer (if present):  Type: Depth (inches):  Remarks:  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2)	The second second
Type: Depth (inches):  Remarks:  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2)	Hydric Soil Present? Yes \( \sum_{\text{No}} \) No \( \text{No} \)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Wellinches):  When A 1, 2, 4A, and 4B	Hydric Soil Present? Yes No No
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  WERA 1, 2, 4A, and 4B)	Hydric Soil Present? Yes No No
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  Water-Stained Leaves (B9) (except  High Water Table (A2)  MLRA 1, 2, 4A, and 4B)	
Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2) MLRA 1, 2, 4A, and 4B)	Secondary Indicators (2 or more required)
High Water Table (A2) MLRA 1, 2, 4A, and 4B)	Water-Stained Leaves (B9) (MLRA 1, 2,
	4A, and 4B)
	Drainage Patterns (B10)
Water Marks (B1) Aquatic Invertebrates (B13)	Dry-Season Water Table (C2)
Sediment Deposits (B2)  Hydrogen Sulfide Odor (C1)	Saturation Visible on Aerial Imagery (CS
Drift Deposits (B3) Oxidized Rhizospheres along Living Roots	
Algal Mat or Crust (B4) Presence of Reduced Iron (C4)	Shallow Aquitard (D3)
Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6)	FAC-Neutral Test (D5)
Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A)	Raised Ant Mounds (D6) (LRR A)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Frost-Heave Hummocks (D7)
Sparsely Vegetated Concave Surface (B8)	and the same of th
Field Observations:	The second secon
Surface Water Present? Yes No 🚣 Depth (inches):	
Nater Table Present? Yes 📉 No Depth (inches):	
Saturation Present? Yes X No Depth (inches): Sulfation   Wetland (includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if	ad Hydrology Present? Yes . No
Remarks:	
next to flooded sciele	

			ntains, Valleys, and Coast Region
Project/Site: WestPort light S.P	, City/	County: Wes	Sampling Date: 3-3/-2/
Applicant/Owner Starte Parkl			State: WIT Sampling Point: 717/8
White A Liter	2 Y Sect	tion, Township, Rai	nge:
Landform (hillslope, terrace, etc.): DU NES	Loc	al relief (concave, o	convex, none): Flat Slope (%): Flat
Subregion (LRR):	Lat:		Long: Datum:
Soil Map Unit Name: DUNE Laud			NWI classification: Upland 5
Are climatic / hydrologic conditions on the site typical for thi	is time of year?		
Are Vegetation, Soil, or Hydrology	significantly dist	rbed? Are "	Normal Circumstances" present? Yes 🔼 No
Are Vegetation, Soil, or Hydrology	naturally problem		eded, explain any answers in Remarks.)
Are Vegetation, Soil, or right longy	latarany process		The same of the sa
		mpling point is	ocations, transects, important features, etc.
Trydrophytio regetation recent.	No	Is the Sampled	Area
Hydric Soil Present? Yes N Wetland Hydrology Present? Yes N		within a Wetlan	AL CA
Wetland Hydrology Present? Tes Remarks:	10 <u>/ 3</u>		
Remarks.			
		THE PERSON	y new grant places of the same of the
VEGETATION – Use scientific names of plan	nts.		
30'		minant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30	% Cover Sp	Y FAC	Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
2.		1	
3			Total Number of Dominant Species Across All Strata:  (B)
4.		A CLA	Descent of Deminent Species
Sanling/Shrub Stratum (Plot size: 15')	_25_=T	otal Cover	That Are OBL, FACW, or FAC: (A/B)
1. Cut i Sus Scoperius	20 1	1 UPL	Prevalence Index worksheet:
2 Moralla Californica	- 15 -	FACW	Total % Cover of: Multiply by:
3. Tlex gaustolium	- 5 -	FACU	OBL species x 1 = 50
4. Vaccinion orgtun	10	FACU	FACW species 15 x 2 = 30 FAC species 25 x 3 = 75
5.			FAC species 25 x 3 = 75 FACU species 39 x 4 = 140
	_50_=T	otal Cover	UPL species 20 x5= /00
Herb Stratum (Plot size: 5	15	FACU	Column Totals: 145 (A) 395 (B)
2. Carak Obnupts	509	Y OBL	Prevalence Index = B/A = 2,72
3.	Maria de la compansión de		Hydrophytic Vegetation Indicators:
4.	Ticale	Transport Char	1 - Rapid Test for Hydrophytic Vegetation
5.	<u> </u>	La York Committee of	2 - Dominance Test is >50%
6.	<u> </u>		X 3 - Prevalence Index is ≤3.0¹
7		7 95° 5° 19'49	4 - Morphological Adaptations¹ (Provide supporting
8.			data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants <sup>1</sup>
9			Problematic Hydrophytic Vegetation¹ (Explain)
10 11.		- Jan 199 1	Indicators of hydric soil and wetland hydrology must
	105 =T	otal Cover	be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 15	-		
1. Rubus Ursinus		Y FACU	Hydrophytic
2.			Vegetation   Present?   Yes No
% Bare Ground in Herb Stratum	=T	otal Cover	The state of the s
Remarks:			

Sampling Point: SP-A8

(inches)				Feature	S	+		
n-0	Color (moist)	%	Color (moist)	%	Type	_Loc <sup>2</sup>	Texture	Remarks
n-0	7 7		of the state of		1.5		19.13	
0-1	21544/2	100			_	_	LFS	A STATE OF THE STA
9-18	2.54 4/2	99	104R 3/4	1		X	LFS	
AT THE	in the let		1.300		1 140			
	Water the second			_				
				-5				
-	A Property of the Park		16. 20.0		-	لتستند		
		4-2-			<u> </u>	100	Tarabasa.	
	Section 1							
Type: C=Cor	ncentration, D=Dep	letion, RM=	Reduced Matrix, CS	=Covere	d or Coate	d Sand G	rains. <sup>2</sup> l	Location: PL=Pore Lining, M=Matrix.
lydric Soil In	dicators: (Application	able to all L	RRs, unless other	wise not	ted.)		Indica	ators for Problematic Hydric Soils <sup>3</sup> :
Histosol (/	A1)		Sandy Redox (S	5)		- 1	2	cm Muck (A10)
_ Histic Epip	pedon (A2)		Stripped Matrix (					ed Parent Material (TF2)
Black Hist	ric (A3)		Loamy Mucky M		1) (except	MLRA 1)		ery Shallow Dark Surface (TF12)
	Sulfide (A4)		Loamy Gleyed N					ther (Explain in Remarks)
Depleted !	Below Dark Surface	e (A11)	Depleted Matrix	man				
Thick Dar	k Surface (A12)		Redox Dark Sur	face (F6	)		3Indic	ators of hydrophytic vegetation and
Sandy Mu	icky Mineral (S1)	i - 34.	Depleted Dark S	urface (	F7)		we	tland hydrology must be present,
Sandy Gle	eyed Matrix (S4)		Redox Depressi	ons (F8)			un	less disturbed or problematic.
Restrictive La	ayer (if present):	A NAME	1750			1874	100	the state of the state of the state of
Туре:		Array III	Gall Mall Language				ENGLE :	
Depth (inch	nes):	Carl Hard					Hydric S	oil Present? Yes No K
YDROLOG	II							
A CONTRACTOR OF THE STATE OF TH		3-1-1		1/4	4.4			
Wetland Hydr	ology Indicators:	ne required	; check all that apply	)			Se	condary Indicators (2 or more required)
Vetland Hydr Primary Indica	ology Indicators: tors (minimum of o	ne required			res (B9) (e	xcept	Se	
Wetland Hydr Primary Indica Surface W	rology Indicators: tors (minimum of o Vater (A1)	ne required	Water-Stair	ned Leav	The state of the	xcept	Se	Water-Stained Leaves (B9) (MLRA 1, 2,
Vetland Hydr Primary Indica Surface W High Wate	rology Indicators: tors (minimum of o Vater (A1) er Table (A2)	ne required	Water-Stair MLRA 1	ned Leav	The state of the	xcept	<u>See</u>	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Netland Hydr Primary Indica Surface W High Wate Saturation	rology Indicators: tors (minimum of o Vater (A1) er Table (A2)	ne required	Water-Stair MLRA 1 Salt Crust (	ned Leav , <b>2, 4A</b> , B11)	and 4B)	xcept	Se	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
Vetland Hydr Primary Indica Surface W High Wate Saturation Water Mal	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1)	ne required	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv	ned Leav , 2, 4A, B11) ertebrate	and 4B) es (B13)	xcept	Se	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mai	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2)	ne required	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv	ned Leav , 2, 4A, B11) ertebrate Sulfide O	and 4B) es (B13) edor (C1)			Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9)
Vetland Hydr Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) e (A3) rks (B1) Deposits (B2) esits (B3)	ne required	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R	ned Leav , 2, 4A, B11) ertebrate Sulfide O hizosphe	es (B13) dor (C1) eres along	Living Roc		Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2)
Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo Algal Mat	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) osits (B3) or Crust (B4)	ne required	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized Ri Presence o	ned Leaven, 2, 4A, 2 B11) ertebrate Sulfide O hizosphe f Reduce	es (B13) dor (C1) eres along ed Iron (C4	Living Roo	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3)
Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo Algal Mat	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) osits (B3) or Crust (B4) esits (B5)	ne required	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror	ned Leaven, 2, 4A, 2, 811) ertebrates sulfide Ohizospher f Reducer	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille	Living Rock)  d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Vetland Hydr Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) oil Cracks (B6)		Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror	ned Leaven, 2, 4A, 5 B11) ertebrate Sulfide O hizosphe f Reduce n Reduct Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Rock)  d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation	rology Indicators: tors (minimum of o vater (A1) er Table (A2) er (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) eoil Cracks (B6) en Visible on Aerial In	magery (B7	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror Stunted or ( Other (Expl	ned Leaven, 2, 4A, 5 B11) ertebrate Sulfide O hizosphe f Reduce n Reduct Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Rock)  d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation Sparsely	rology Indicators: tors (minimum of o  Vater (A1) er Table (A2) e (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) eoil Cracks (B6) en Visible on Aerial In Vegetated Concave	magery (B7	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror Stunted or ( Other (Expl	ned Leaven, 2, 4A, 5 B11) ertebrate Sulfide O hizosphe f Reduce n Reduct Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Rock)  d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation Sparsely V	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) e (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) eoil Cracks (B6) en Visible on Aerial In Vegetated Concave	magery (B7 e Surface (B	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iror Stunted or ( Other (Expl	ned Leav 1, 2, 4A, 1,	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Rock)  d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indica Surface W High Water Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation Sparsely Field Observa	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) er (A3) rks (B1) Deposits (B2) erits (B3) or Crust (B4) erits (B5) erits (B5) erits (B6) er	magery (B7 s Surface (B	Water-Stair MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence o  Recent Iror  Stunted or  Other (Expl	ned Leav , 2, 4A, B11) ertebrate Sulfide O hizosphe if Reduct Reduct Stressed ain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Rock)  d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indica Surface W High Water Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation Sparsely Field Observa	rology Indicators: tors (minimum of o later (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) oil Cracks (B6) on Visible on Aerial In Vegetated Concave ations: r Present?	magery (B7 s Surface (B	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iror Stunted or ( Other (Expl	ned Leav , 2, 4A, B11) ertebrate Sulfide O hizosphe if Reduct Reduct Stressed ain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Rock)  d Soils (C6	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indica Surface W High Water Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation Sparsely Field Observa Surface Water Water Table F Saturation Pre	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) eoil Cracks (B6) or Visible on Aerial In Vegetated Concave ations: r Present? Present? Yesent?	magery (B7) Surface (B es N es N	Water-Stair MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence o  Recent Iror  Stunted or  Other (Expl	ned Leave, 2, 4A, 1811) ertebrate Sulfide O hizosphe f Reduct n Reduct Stressed ain in Re hes):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Roots) d Soils (Co	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indica Surface W High Water Saturation Water Man Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation Sparsely Field Observa Surface Water Water Table F Saturation Pre (includes capi	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) eoil Cracks (B6) or Visible on Aerial In Vegetated Concave ations: r Present?	magery (B7) e Surface (B) es N es N es N	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence o  Recent Iror  Stunted or S  Other (Expl	ned Leave, 2, 4A, 1811) ertebrate Sulfide O hizosphe f Reduce n Reduct Stressed ain in Re hes): hes):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D emarks)	Living Rock) d Soils (C6 1) (LRR A	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydr Primary Indica Surface W High Water Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface So Inundation Sparsely V Field Observa Surface Water Water Table F Saturation Pre (includes capi Describe Reco	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) eoil Cracks (B6) or Visible on Aerial In Vegetated Concave ations: r Present?	magery (B7) e Surface (B) es N es N es N	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence o  Recent Iror  Stunted or  Other (Expl	ned Leave, 2, 4A, 1811) ertebrate Sulfide O hizosphe f Reduce n Reduct Stressed ain in Re hes): hes):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D emarks)	Living Rock) d Soils (C6 1) (LRR A	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Primary Indica Surface W High Water Saturation Water Mai Sediment Drift Depo Algal Mat Iron Depo Surface S Inundation Sparsely Field Observa Surface Water Water Table F Saturation Pre (includes capi	rology Indicators: tors (minimum of o Vater (A1) er Table (A2) o (A3) rks (B1) Deposits (B2) esits (B3) or Crust (B4) esits (B5) eoil Cracks (B6) or Visible on Aerial In Vegetated Concave ations: r Present?	magery (B7) e Surface (B) es N es N es N	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence o  Recent Iror  Stunted or  Other (Expl	ned Leave, 2, 4A, 1811) ertebrate Sulfide O hizosphe f Reduce n Reduct Stressed ain in Re hes): hes):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D emarks)	Living Rock) d Soils (C6 1) (LRR A	ots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

## WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: WistPort Light S.P.	3 0	City/Count	· We	st Port sampling Date: 3-31-21
Applicant/Owner State Park		,		State: WA Sampling Point: SP-A9
Investigator(s): R. Hamidi		Section To	ownship, Rar	
				convex, none): Concave Slope (%):
Editation (minospo, toridos, etc.):	Lat:			Long: Datum:
our control of the co	Lat	19		NWI classification: PSSC
Soil Map Unit Name: YaQU; NG	- 6	- V V v v		
Are climatic / hydrologic conditions on the site typical for thi				Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				eded, explain any answers in Remarks.)
Are Vegetation, Soil, or HydrologyI				
SUMMARY OF FINDINGS - Attach site map	showing	samplir	ng point k	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes N	lo		ne Sampled	Area
7	lo	ATTACK	nin a Wetlan	N N-
Treatment fry article Sy 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	lo		AND PROPERTY.	
Photos 929-932 we	flevel	A	Soc	ith Bridge New Ocean Ave
VEGETATION – Use scientific names of plan	its.			
70'	Absolute		Indicator	Dominance Test worksheet:
1. P. NUS CONSOLIS	10	Species?	FAC	Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
2		17		
3	dat tr			Total Number of Dominant Species Across All Strata: (B)
4.	100 m		111111111111111111111111111111111111111	Percent of Dominant Species
15'	10	= Total Co	over	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size: 5	70	Ч	FACW	Prevalence Index worksheet:
2. Mg/W5 455CG	10	7.7	FACW	Total % Cover of: Multiply by:
3. Low I care Involverator	5		FAC	OBL species x 1 =
4. Morelly Californica	5	and the same	FACW	FACW species x 2 = FAC species x 3 =
5				FACU species x 4 =
21	_90	_ = Total Co	over	UPL species x 5 =
Herb Stratum (Plot size:)  1. Carax Chorpta	100	4	GBL	Column Totals: (A) (B)
				Prevalence Index = B/A =
3.	200	Jane 1		Hydrophytic Vegetation Indicators:
4	11/10/2014		60 to 1	1 - Rapid Test for Hydrophytic Vegetation
5.	4 84	1. 7.	As Jes	2 - Dominance Test is >50%
6.		* 1 Mr.)	THE B	3 - Prevalence Index is ≤3.01
7.				4 - Morphological Adaptations¹ (Provide supporting
8			المراجات	data in Remarks or on a separate sheet)  5 - Wetland Non-Vascular Plants <sup>1</sup>
9			7 2 1 1 1	S - Wetland Non-vascular Plants     Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
10				¹Indicators of hydric soil and wetland hydrology must
11.	too	1 3 70		be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 15	100	_= Total Co	ver	
1.	la company		100	Hydrophytic
2.		//		Vegetation 1
of Barro Consend in Mark Stanton	0	_= Total Co	ver	Present? Yes No No
% Bare Ground in Herb Stratum				L
Remarks:				

Sampling Point:	SP-A9
icators.)	

-	-	
•	$\overline{}$	

Profile Description: (Describe to the depth n Depth Matrix	Redox Features				
	Color (moist) %	Type <sup>1</sup>	Loc <sup>2</sup>	Texture .	Remarks
Dail 543/1 100	- darAlast s		_	LFS	
(-12 FU WII 95 to	48413,4145	-	M	150	A P Lan Auto W. ust 5 with
			100 m		
Type: C=Concentration, D=Depletion, RM=Rec			d Sand Gr		tion: PL=Pore Lining, M=Matrix.
lydric Soil Indicators: (Applicable to all LRF		ed.)			s for Problematic Hydric Soils <sup>3</sup> :
	Sandy Redox (S5)				Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)				Parent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F1		MLRA 1)	2	Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11)	Loamy Gleyed Matrix (F2)	)		Other	(Explain in Remarks)
Depleted Below Dark Surface (A11) Thick Dark Surface (A12)	Depleted Matrix (F3) Redox Dark Surface (F6)			3Indicators	of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F6)	7)			hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	''			disturbed or problematic.
Restrictive Layer (if present):	Division of the second of the	Carlo Salar		1	
Type:		Star 19		100	
Depth (inches):				Hydric Soil P	resent? Yes X No
Prt under weter depths are approx	ximate				
Prit under wicker depths are approx  YDROLOGY  Wetland Hydrology Indicators:					
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; ch	neck all that apply)				lary Indicators (2 or more required)
PIT UNCLES Wicker  dipths cre approx  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; ct  X Surface Water (A1)	neck all that apply) Water-Stained Leave		xcept	Wa	ter-Stained Leaves (B9) (MLRA 1, 2
P1+ UNDER Wicker  depths are approx  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; cf  Surface Water (A1)  High Water Table (A2)	neck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a		xcept	Wa	ter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
PIT UNDER Wicker  depths are approx  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; cf  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	neck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a Salt Crust (B11)	nd 4B)	xcept	Wa	nter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10)
PIT UNDER Wicker  DEPTHS CRE CEPTED  YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; cre  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a Salt Crust (B11) Aquatic Invertebrates	nd 4B) s (B13)	xcept	Wa Dra Dry	nter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2)
PIT UNCLA Wicker  dr poll S CYC CIPTO  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; ch  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a Salt Crust (B11) Aquatic Invertebrates Hydrogen Sulfide Od	nd 4B) s (B13) lor (C1)		Wa Dra Dra Sa	nter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (CS
Prit Under Wicker  Dr. Prit S Cre Gp Prod.  Primary Indicators (minimum of one required; cf.  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a Salt Crust (B11) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher	nd 4B) s (B13) lor (C1) res along	Living Roo	Wa Dra Dra Dra Sa ts (C3) A Ge	ter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (Cs comorphic Position (D2)
PIT UNCLA Wicker  dr piths are approximately indicators:  Primary Indicators (minimum of one required; cf  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced	nd 4B) s (B13) lor (C1) res along d Iron (C4	Living Roo	Wa Dra Dra Sa ats (C3) A Ge Sh	ter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (Cs omorphic Position (D2) allow Aquitard (D3)
PIT UNCLA Wickey  At Poth 5 CVC CIPTO  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; ch  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	MLRA 1, 2, 4A, a  MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates  Hydrogen Sulfide Od  Oxidized Rhizospher  Presence of Reduced  Recent Iron Reduction	s (B13) for (C1) res along d Iron (C4) on in Tilled	Living Roo I) d Soils (C6	Wa Dra Dra Sa ats (C3)	ter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (Cs omorphic Position (D2) allow Aquitard (D3) C-Neutral Test (D5)
PIT UNCLA Wickey  Dr. Pott S CYC GPPTO  Primary Indicators (minimum of one required; cf  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a Salt Crust (B11) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reductio Stunted or Stressed	s (B13) lor (C1) res along d Iron (C4 on in Tilled Plants (D	Living Roo I) d Soils (C6	Wa Dra Dra Dra Sa ats (C3)	Atter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (CS comorphic Position (D2) allow Aquitard (D3) C-Neutral Test (D5) ised Ant Mounds (D6) (LRR A)
PIT UNCLA Wickey  Japan Source Copy of the	MLRA 1, 2, 4A, a  MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates  Hydrogen Sulfide Od  Oxidized Rhizospher  Presence of Reduced  Recent Iron Reduction	s (B13) lor (C1) res along d Iron (C4 on in Tilled Plants (D	Living Roo I) d Soils (C6	Wa Dra Dra Dra Sa ats (C3)	ter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (Cs omorphic Position (D2) allow Aquitard (D3) C-Neutral Test (D5)
PIT UNCLA Wickey  Japan Source Copped  Primary Indicators (minimum of one required; che  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a Salt Crust (B11) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reductio Stunted or Stressed	nd 4B) s (B13) for (C1) res along d Iron (C4) on in Tilleo Plants (Di	Living Roo I) d Soils (C6	Wa Dra Dra Dra Sa ats (C3)	Atter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (CS comorphic Position (D2) allow Aquitard (D3) C-Neutral Test (D5) ised Ant Mounds (D6) (LRR A)
Principles Cre Ciprol  Proposition (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reduction Stunted or Stressed Other (Explain in Rel	s (B13) dor (C1) res along d Iron (C4 on in Tilled Plants (Di marks)	Living Roo I) d Soils (C6	Wa Dra Dra Dra Sa ats (C3)	Atter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (CS comorphic Position (D2) allow Aquitard (D3) C-Neutral Test (D5) ised Ant Mounds (D6) (LRR A)
PT UNCLA Wickey  dr PHS CYC GPPY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; ch  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Yes   No	meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reduction Stunted or Stressed Other (Explain in Rei	s (B13) dor (C1) res along d Iron (C4 on in Tillec Plants (D marks)	Living Roo I) d Soils (C6	Wa Dra Dra Dra Sa ats (C3)	Atter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (CS comorphic Position (D2) allow Aquitard (D3) C-Neutral Test (D5) ised Ant Mounds (D6) (LRR A)
PIT UNCLA Wickey  At Poth 5 CYC GPPTO  Primary Indicators (minimum of one required; cf  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Water Table Present?  Yes   No	Meck all that apply)  Water-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reducee Recent Iron Reduction Stunted or Stressed Other (Explain In Reduction Depth (inches):	s (B13) slor (C1) res along d Iron (C4 on in Tilled Plants (Di marks)	Living Roo l) d Soils (C6 1) (LRR A)	Wa Dra Dra Sa Sh Sh Ra Fro	Ater-Stained Leaves (B9) (MLRA 1, 2  4A, and 4B)  ainage Patterns (B10)  y-Season Water Table (C2)  turation Visible on Aerial Imagery (CS  comorphic Position (D2)  allow Aquitard (D3)  C-Neutral Test (D5)  ised Ant Mounds (D6) (LRR A)  ost-Heave Hummocks (D7)
PT UNCLA Wickey  At Poth S CYC CIPYO  Procedure of the process of the poth S CYC CIPYO  Procedure of the process of the poth S CYC CIPYO  Procedure of the process of the p	Mater-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reduction Stunted or Stressed Other (Explain in Red  Depth (inches):  Depth (inches):	s (B13) lor (C1) res along d Iron (C4 on in Tillec Plants (D marks)	Living Roo  i) d Soils (C6 i) (LRR A)	Wa Dra Dra Sa ats (C3)	Ater-Stained Leaves (B9) (MLRA 1, 2  4A, and 4B)  ainage Patterns (B10)  y-Season Water Table (C2)  turation Visible on Aerial Imagery (CS  comorphic Position (D2)  allow Aquitard (D3)  C-Neutral Test (D5)  ised Ant Mounds (D6) (LRR A)  ost-Heave Hummocks (D7)
PIT UNCLA Wickey  Ar Pott S CYC GPPTO  Primary Indicators (minimum of one required; checkey)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Ves No  Nater Table Present?  Ves No  Saturation Present?  Yes No  Saturation Present?  Yes No  No  Saturation Present?  Yes No  No  Social Cracked Data (stream gauge, monitor)  Secribe Recorded Data (stream gauge, monitor)	Mater-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reduction Stunted or Stressed Other (Explain in Red  Depth (inches):  Depth (inches):	s (B13) lor (C1) res along d Iron (C4 on in Tillec Plants (D marks)	Living Roo  i) d Soils (C6 i) (LRR A)	Wa Dra Dra Sa ats (C3)	Ater-Stained Leaves (B9) (MLRA 1, 2  4A, and 4B)  ainage Patterns (B10)  y-Season Water Table (C2)  turation Visible on Aerial Imagery (CS  comorphic Position (D2)  allow Aquitard (D3)  C-Neutral Test (D5)  ised Ant Mounds (D6) (LRR A)  ost-Heave Hummocks (D7)
PIT UNCLEA Wickey  A POHAS CYC GIPTO  Primary Indicators (minimum of one required; checkey)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Ves X No  Note Table Present?  Ves X No	Mater-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reduction Stunted or Stressed Other (Explain in Red  Depth (inches):  Depth (inches):	s (B13) lor (C1) res along d Iron (C4 on in Tillec Plants (D marks)	Living Roo  i) d Soils (C6 i) (LRR A)	Wa Dra Dra Sa ats (C3)	Ater-Stained Leaves (B9) (MLRA 1, 2  4A, and 4B)  ainage Patterns (B10)  y-Season Water Table (C2)  turation Visible on Aerial Imagery (CS  comorphic Position (D2)  allow Aquitard (D3)  C-Neutral Test (D5)  ised Ant Mounds (D6) (LRR A)  ost-Heave Hummocks (D7)
PIT UNCLA Wickey  Ar Poth S CYC GPPTO  Primary Indicators (minimum of one required; che  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Water Table Present?  Ves No  Notincludes capillary fringe)  Describe Recorded Data (stream gauge, monitor)	Mater-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reduction Stunted or Stressed Other (Explain in Red  Depth (inches):  Depth (inches):	s (B13) lor (C1) res along d Iron (C4 on in Tillec Plants (D marks)	Living Roo  i) d Soils (C6 i) (LRR A)	Wa Dra Dra Sa ats (C3)	Ater-Stained Leaves (B9) (MLRA 1, 2  4A, and 4B)  ainage Patterns (B10)  y-Season Water Table (C2)  turation Visible on Aerial Imagery (CS  comorphic Position (D2)  allow Aquitard (D3)  C-Neutral Test (D5)  ised Ant Mounds (D6) (LRR A)  ost-Heave Hummocks (D7)
PIT UNDER With Series Company Indicators:  Primary Indicators (minimum of one required; check of the company Indicators (minimum of one required; check of the company Indicators (minimum of one required; check of the company Indicators (minimum of one required; check of the company Indicators (minimum of one required; check of the company Indicators:  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Ves No  Noter Table Present?  Ves No  Saturation Present?  Ves No  Includes capillary fringe)  Describe Recorded Data (stream gauge, monitors)	Mater-Stained Leave MLRA 1, 2, 4A, a  Salt Crust (B11)  Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduced Recent Iron Reduction Stunted or Stressed Other (Explain in Red  Depth (inches):  Depth (inches):	s (B13) lor (C1) res along d Iron (C4 on in Tillec Plants (D marks)	Living Roo  i) d Soils (C6 i) (LRR A)	Wa Dra Dra Sa ats (C3)	Ater-Stained Leaves (B9) (MLRA 1, 2  4A, and 4B)  ainage Patterns (B10)  y-Season Water Table (C2)  turation Visible on Aerial Imagery (C3  comorphic Position (D2)  allow Aquitard (D3)  C-Neutral Test (D5)  ised Ant Mounds (D6) (LRR A)  ost-Heave Hummocks (D7)

# WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: West Port Light S.f	2.	- Luct	Port Sampling Date: 3-31-21
Project/Site: Wy 1011 Day 11 Day	2,	City/County: WESS	State: WA Sampling Point: SP-AIO
Applicant/Owner: 54212 Park			
nvestigator(s): P. Aamidi	il Ront	Section, Township, Rai	nge:
Landform (hillslope, terrace, etc.): IN CY CHINA	Side	Local relief (concave,	convex, none): Slope (%). 10
Subregion (LRR):	Lat:		Long: Datum:
Soil Map Unit Name: YAQU NA			NWI classification: UPICUS
Are climatic / hydrologic conditions on the site typical fo	r this time of yea	ar? Yes No No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly	disturbed? Are "	'Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	naturally pro	blematic? (If ne	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site m	ap showing	sampling point l	ocations, transects, important features, etc.
	No		
Hydric Soil Present? Yes	No X	Is the Sampled	No.
Wetland Hydrology Present? Yes	No X	within a Wetlar	id: 165
Remarks:			
Photos 240-241			
VEGETATION – Use scientific names of p	lants.		
Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:
1. Piot size:		Opecies: Otatuo	Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
2.			Total Number of Dominant
3.			Species Across All Strata: (B)
4.	de l'estate e	41 4 14 14	Percent of Dominant Species
	_0	= Total Cover	That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size:	30	Y FACE	Prevalence Index worksheet:
1. Morella Californica		- UPL	Total % Cover of: Multiply by:
2. Cytisus scalatius 3. Ulex europaeus	-5	FACU	OBL species x 1 =
3. OTER ECTOPACES			FACW species x 2 =
4	V)		FAC species x 3 =
5	40	= Total Cover	FACU species x 4 =
Herb Stratum (Plot size:	70	VI FA	UPL species x 5 =
1. Polystichum MUDITUM		PHO	Column Totals: (A) (B)
2. Carex oboupts		- OOC	Prevalence Index = B/A =
3. Ammo Phik arenaria		FACU	
4.			1 - Rapid Test for Hydrophytic Vegetation
5			
6			3 - Prevalence Index is ≤3.0 <sup>1</sup> 4 - Morphological Adaptations <sup>1</sup> (Provide supporting
7			data in Remarks or on a separate sheet)
8			5 - Wetland Non-Vascular Plants <sup>1</sup>
9			Problematic Hydrophytic Vegetation¹ (Explain)
11		45745	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
	65	= Total Cover	be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size:)	- W-		
1. Rubus armeniceus	15	FAC	Hydrophytic
2.	<u> </u>	the second	Vegetation Present? Yes No No No
	_15_	_= Total Cover	Plesenti les iie
% Bare Ground in Herb Stratum Remarks:			
Remarks.			

SP-A10 Sampling Point: <u>3-3/-</u>2/

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Histosol (A2) Histosol (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Depleted Dark Surface (F6) Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present): Type: Depth (inches):  Remarks:    VYDROLOGY   Wettand Hydrology Indicators:   Primary Indicators (minimum of one required; check all that apply)	PS  2Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils3: 2 cm Muck (A10)
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)	<sup>2</sup> Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils <sup>3</sup> :
ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)	<sup>2</sup> Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) Loamy Gieyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Sandy Redox (F6) Depleted Below Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F8)  Bestrictive Layer (if present): Type: Depth (inches):  Bufface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Sediment Deposits (B2) Salt Crust (B11) Sediment Deposits (B3) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Surface Soli Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Field Observations: Furface Water Present? Yes No Depth (inches):	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5) Histosol (A2) Stripped Matrix (S6) Black Histic Epipedon (A2) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) Loamy Gieyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Depressions (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Sartictive Layer (if present): Type: Depth (inches):  Branks:  DROLOGY  etland Hydrology Indicators: Imary Indicators (minimum of one required; check all that apply) Surface Water (A1) Water Table (A2) Saturation (A3) Salt Crust (B11) Water Marks (B1) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soll Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Indicators (Papenth):  Water Table Present? Yes No Depth (inches):	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5) Histosol (A2) Stripped Matrix (S6) Black Histic Epipedon (A2) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) Loamy Gieyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Depressions (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Sartictive Layer (if present): Type: Depth (inches):  Branks:  DROLOGY  etland Hydrology Indicators: Imary Indicators (minimum of one required; check all that apply) Surface Water (A1) Water Table (A2) Saturation (A3) Salt Crust (B11) Water Marks (B1) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soll Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Indicators (Papenth):  Water Table Present? Yes No Depth (inches):	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) Loamy Gieyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Sandy Mucky Mineral (F1) (except MLRA 1) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Redox Dark Surface (F8)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Sediment Deposits (B2) Saturation (A3) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soil Cracks (B6) Hundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Ield Observations: Furface Water Present? Yes No Depth (inches): Furface Water Present? Yes No Depth (inches): Furface Water Present? Yes No Depth (inches):	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) 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 Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Redox Dark Surface (F8)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Sediment Deposits (B2) Surface (F8) Drift Deposits (B3) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soil Cracks (B6) Surface Water Present? Yes No Depth (inches):	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) 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) Sandy Mucky Mineral (F1) (except MLRA 1) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Redox Dark Surface (F8)  Bestrictive Layer (if present): Type: Depth (inches):  Bufface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Sediment Deposits (B2) Surface (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Field Observations: Surface Water Present? Yes No Depth (inches):	Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) 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) Sandy Mucky Mineral (F1) (except MLRA 1) Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Redox Dark Surface (F8)  Bestrictive Layer (if present): Type: Depth (inches):  Bufface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Sediment Deposits (B2) Surface (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Field Observations: Surface Water Present? Yes No Depth (inches):	
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) 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)  estrictive Layer (if present): Type: Depth (inches): Hy  Torrior Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water Table (A2) Saturation (A3) Salt Crust (B11) Sediment Deposits (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Field Observations: Surface Water Present? Yes No Depth (inches): Vater Table Present? Yes No Value Present Vater Present? Yes No Value Present Vater Present? Yes Value Value Present Value Va	2 cm Muck (A10)
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) (except MLRA 1) Depleted Matrix (F2) Depleted Dark Surface (F6) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Bestrictive Layer (if present): Type: Depth (inches): Emarks:    Depleted Dark Surface (F7)   Redox Depressions (F8)   Depleted Dark Surface (F8)   Depleted Dark Surface (F6)   Depleted Dark Surface (F8)   Depleted	Z CITI WILLON (ATO)
Black Histic (A3)	Red Parent Material (TF2)
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Depleted Matrix (F3) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F6) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Redox Depressions (F8) Destrictive Layer (if present): Type: Depth (inches): Depth (inches): Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Surface Water Present? Surface Water Present? Surface Water (B1) Acquatic Invertebrates (B13) A	Very Shallow Dark Surface (TF12)
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F6) Pedox Depressions (F8)  Setrictive Layer (if present): Type: Depth (inches): Depth (inches): Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Field Observations: Surface Water Present?  Depth (inches): Surface Water Present?  Depth (inches): Surface Water R11  Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Dark Surface (F6) Depleted Matrix Surface (F6) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F5) Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F5) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F5) Depleted Dark Surface (F5) Depleted Dark Surface (F7) Redox Dark Surface (F5) Depleted Dark Surface (F7) Redox Dark Surface (F5) Depleted Dark Surface (F7) Redox Dark Surface (F5) Depleted Dark Surface (F5) Depleted Dark Surface (F5) Depleted Dark Surface (F1) Depleted	Other (Explain in Remarks)
Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sestrictive Layer (if present):  Type: Depth (inches): Depth (inches): Surface Water (A1) Sandy Gleyed Matrix (S4) Setrictive Layer (if present):  Type: Depth (inches): Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Field Observations: Surface Water Present? Ves No Depth (inches): Surface Water Present? Ves No Surface Water Present? Ves Surface Water Pr	
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)  estrictive Layer (if present):  Type: Depth (inches):  Elemarks:  Depth (inches):  Surface Water (A1) High Water Table (A2) Saturation (A3) Saturation (A3) Sediment Deposits (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Saturation (Passent) Depth (inches): Surface Water Present?  Depleted Dark Surface (F7) Redox Depressions (F8)  Water Aburt (F7) Hy Advantic Inverted Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roots (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)  Sield Observations: Surface Water Present?  Ves No Depth (inches): Water Table Present?  Ves No Depth (inches): Water Table Present?  Ves Depth (inches):	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present):  Type: Depth (inches): Hy  Retaind Hydrology Indicators:  Remarks:  Remarks:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Saturation (A3) Salt Crust (B11)  Sediment Deposits (B2) Aquatic Invertebrates (B13)  Water Marks (B1) Aquatic Invertebrates (B13)  Sediment Deposits (B2) Dyidized Rhizospheres along Living Roots (C4)  Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6)  Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A)  Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present? Yes No Depth (inches): Water Table	wetland hydrology must be present,
rype:	unless disturbed or problematic.
Type:	direct diotal see of present
Permarks:    Proportion   Propositis (B3)	
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)	dric Soil Present? Yes No 💢
Vetland Hydrology Indicators:    Strimary Indicators (minimum of one required; check all that apply)	aric Soil Present? Tes No
Surface Water (A1)	
Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Water Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roots (C)  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  Other (Explain in Remarks)  Field Observations:  Surface Water Present?  Yes No Depth (inches):  Water Table Present?  Water Table Present?  Water Table Present?  Water Table Present?  Mater Table Present?  Water Table Present?  Mater Table Present?  Water Table Present?  Mater Table Present?  Water Table Present?  Mater Table Present?  Water Table Present?  Water Table Present?  Mater Table Present?  Mater Table Present?  Mater Table Present?  Water Table Present?	Secondary Indicators (2 or more required)
High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Water Table Present?  MERA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roots (C4)  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  Other (Explain in Remarks)  Depth (inches):  Depth (inches):  Water Table Present?  Water Table Present?  Mater Table Present?	Water-Stained Leaves (B9) (MLRA 1, 2,
Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roots (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  Other (Explain in Remarks)  Field Observations:  Surface Water Present?  Yes No Depth (inches):  Water Table Present?  Yes Depth (inches):	4A, and 4B)
Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Water Table Present?  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roots (C)  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  Other (Explain in Remarks)  Depth (inches):  Depth (inches):  Water Table Present?	Drainage Patterns (B10)
Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Water Table Present?  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roots (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  Other (Explain in Remarks)  Depth (inches):  Depth (inches):  Water Table Present?  Mater Table Present?  Water Table Present?  Mater Table Present?	Dry-Season Water Table (C2)
Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Ves No Depth (inches):  Depth (inches):  Depth (inches):  Mater Table Present?	Saturation Visible on Aerial Imagery (C9
Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Ves No Depth (inches):  Depth (inches):  Depth (inches):	
Recent Iron Reduction in Tilled Soils (C6)	
Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8)  Field Observations: Surface Water Present? Yes No Depth (inches):  Water Table Present? Yes No Depth (inches):	Ob - II A it d (D2)
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 Depth (inches):   Nater Table Present? Yes No Depth (inches):   Water Table Present? Yes No Yes	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present? Yes No Depth (inches):  Nater Table Present? Yes No Depth (inches):	FAC-Neutral Test (D5)
Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present? Yes No Depth (inches):  Nater Table Present? Yes No Depth (inches):	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Field Observations:  Surface Water Present? Yes No Depth (inches):  Water Table Present? Yes No Depth (inches):	FAC-Neutral Test (D5)
Surface Water Present? Yes No Depth (inches): No No Depth (inches): No	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Nater Table Present? Yes No Depth (inches):	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Walter Table 1 Tools II.	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Saturation Present? Yes No _ Depth (inches):   Wetland	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if av	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)  Hydrology Present? Yes No
Remarks:	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)  Hydrology Present? Yes No
	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)  Hydrology Present? Yes No
	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)  Hydrology Present? Yes No

WETLAND DETERMINATION D.	ATA FORM -	Western Mou	ntains, Valleys, and Co	past Region
Project/Site: West Post Light S.	P, city	County: West	Port Sai	mpling Date: 4-1-21
Applicant/Owner: Startz Park			State: WA Sai	mpling Point: SP-1911
Investigator(s): P. Hamid;		ti Terrenchin Do	ngo:	
Landform (hillslope, terrace, etc.):	Loc	al relief (concave,	convex, none): Loncal	Slope (%): 1
Subregion (LRR): A	Late		Long.	Datum.
Soil Map Unit Name: Yaqui Nq			NWI classification	1: PEMIC
Are climatic / hydrologic conditions on the site typical for the	nis time of year?	Yes A No_	(If no, explain in Rema	irks.)
Are Vegetation, Soil, or Hydrology		urbed? Are	'Normal Circumstances" prese	ent? Yes 🗶 No
Are Vegetation, Soil, or Hydrology			eeded, explain any answers in	Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing sa	mpling point l	ocations, transects, in	portant features, etc.
Hydric Soil Present?  Wetland Hydrology Present?  Yes  Yes  Yes	No No	Is the Sampled within a Wetlar	nd? Yes V	No
wething A (Transpot #1)	photos	941-945	7	
VEGETATION – Use scientific names of pla				-4-
Tree Stratum (Plot size: 30'		ominant Indicator oecies? Status	Dominance Test workshe  Number of Dominant Speci	
1. Pinus Contestes	20	Y FAC	That Are OBL, FACW, or FA	
2			Total Number of Dominant Species Across All Strata:	3 (B)
4.		otal Cover	Percent of Dominant Specie	es AC: <b>/OO</b> (A/B)
Sapling/Shrub Stratum (Plot size:)			That Are OBL, FACW, or F Prevalence Index worksh	Ao
1. Lonicura involvatata		FAC	Total % Cover of:	2.
2. Malus Fusca		FACU	OBL species	_ x1=
3. Movelly Californica 4. Solix hookerlang	$-\frac{70}{20}$	Y FIACU	FACW species	
4. Salid hookerlang		7,75		_ x 3 =
	27 =1	otal Cover	FACU species	
Herb Stratum (Plot size:)	50	Y OBL	UPL species Column Totals:	_ x 5 = _ (A) (B)
1. Carex obnufts		1		
2.			Prevalence Index = B Hydrophytic Vegetation Ir	
4.			1 - Rapid Test for Hydro	
5			2 - Dominance Test is	AND TO SEE OF THE SECOND CONTROL OF THE SECO
6.			3 - Prevalence Index is	≤3.0 <sup>1</sup>
7		7	4 - Morphological Adap	tations <sup>1</sup> (Provide supporting
8			- 144 44 154 154	on a separate sheet)
9			5 - Wetland Non-Vascu	ic Vegetation <sup>1</sup> (Explain)
10			Indicators of hydric soil and	
11.	50 = T	otal Cover	be present, unless disturbed	
Woody Vine Stratum (Plot size: \( \subseteq \subseteq \subseteq \)		otal Cover		8
1			Hydrophytic Vegetation	1
	= T	otal Cover	Present? Yes	No
% Bare Ground in Herb Stratum			1	
Remarks:				1 2

OIL		th peeded to docu	ment the	Indicator	or confirm	the ch-	Sampling Point: 59-A11
Profile Description: (De	scribe to the dep				or confirm	the absen	ice of indicators.)
	latrix	Color (moist)	ox Feature %	Type <sup>1</sup>	_Loc²	Texture	
inches) Color (m	oist) %	Color (molec)					Remarks
-0						Litter	
54 4	1	<u> </u>				LFS	
2-17 5441	1 90	254 4/3	2	C	M	LES	
2111	10	-73-1					
7.7	42 11					71 71	A La Contraction
THE PERSON			غستك يا				
Type: C=Concentration,	D=Depletion, RM	=Reduced Matrix, C	S=Covere	ed or Coate	d Sand Gr	ains. 2	Location: PL=Pore Lining, M=Matrix.
ydric Soil Indicators: (	Applicable to all	LRRs, unless othe	rwise no	ted.)		Indic	ators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		X Sandy Redox (	S5)			2	cm Muck (A10)
Histic Epipedon (A2)		Stripped Matrix	(S6)			F	Red Parent Material (TF2)
Black Histic (A3)		Loamy Mucky !		1) (except	MLRA 1)		/ery Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)		Loamy Gleyed					Other (Explain in Remarks)
Depleted Below Dark		Depleted Matri				4, 47, 1	
_ Thick Dark Surface (A	12)	Redox Dark Su		)		<sup>3</sup> Indic	ators of hydrophytic vegetation and
Sandy Mucky Mineral	(S1)	Depleted Dark	Surface (	F7)		we	etland hydrology must be present,
Sandy Gleyed Matrix	(S4)	Redox Depress	sions (F8)			un	less disturbed or problematic.
Restrictive Layer (if pres	ent):			197, 70			
Type:							
Depth (inches):						Hydric S	oil Present? Yes 🔏 No
						Hydric S	oil Present? Yes <u>\$</u> No
Depth (inches):Remarks:						Hydric S	oil Present? Yes <u>\$</u> No
Depth (inches):Remarks;						Hydric S	oil Present? Yes <u>*</u> No
Depth (inches):Remarks:  YDROLOGY  Wetland Hydrology India						Hydric S	oil Present? Yes <u>*</u> No
Depth (inches):Remarks;		ed; check all that app	lv)				oil Present? Yes 🔥 No
Depth (inches):Remarks:  YDROLOGY  Wetland Hydrology India				ves (B9) (ex	kcept		
Depth (inches): Remarks:  YDROLOGY  Wetland Hydrology Indicators (minim	um of one require	Water-Sta			xcept		condary Indicators (2 or more required)
Depth (inches):  Remarks:  YDROLOGY  Vetland Hydrology Indice Primary Indicators (minimal of the content of the	um of one require	Water-Sta	1, 2, 4A,		ĸcept		condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
Depth (inches):	um of one require	Water-Sta	ined Leav 1, 2, 4A, (B11)	and 4B)	xcept		condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10)
Depth (inches):  Primary Indicators (minimal Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	um of one require	Water-Sta MLRA Salt Crust Aquatic In	1, 2, 4A, (B11) vertebrate	and 4B) es (B13)	xcept		water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary Indicators (minimal Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B	um of one require	Water-Sta MLRA Salt Crust Aquatic In Hydrogen	1, 2, 4A, (B11) overtebrate Sulfide O	and 4B) es (B13) odor (C1)		Sec	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C5)
Primary Indicators (minimal Surface Water (A1) High Water Table (A2) Water Marks (B1) Sediment Deposits (B3)	um of one require ) 2)	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I	ined Leaven 1, 2, 4A, (B11)  Invertebrate Sulfide O	es (B13) dor (C1) eres along	Living Roof	Sec	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3) Geomorphic Position (D2)
Primary Indicators (minimary I	um of one require ) 2)	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I	1, 2, 4A, (B11) evertebrate Sulfide O Rhizosphe of Reduce	es (B13) odor (C1) eres along ed Iron (C4	Living Roof	Sec	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3)
Primary Indicators (minimal Mater Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	um of one require ) 2)	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduct	es (B13) dor (C1) eres along ed Iron (C4	Living Roof ) d Soils (C6)		Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches):  Remarks:  YDROLOGY  Vetland Hydrology Indice Primary Indicators (minimal of the content of the	um of one require ) 2) ) 36)	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted or	1, 2, 4A, (B11) (Vertebrate Sulfide O Rhizosphe of Reduct on Reduct r Stressec	es (B13) bdor (C1) eres along led Iron (C4 dion in Tilled I Plants (D	Living Roof ) d Soils (C6)		Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Property (inches):  Property Vetland Hydrology India  Primary Indicators (minimal Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (E1)	um of one require ) 2) ) 86) Aerial Imagery (B	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen  Oxidized I  Presence  Recent Iro  Stunted or  Other (Exp	1, 2, 4A, (B11) (Vertebrate Sulfide O Rhizosphe of Reduct on Reduct r Stressec	es (B13) bdor (C1) eres along led Iron (C4 dion in Tilled I Plants (D	Living Roof ) d Soils (C6)		Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicators (minimal Mater Marks (B1) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B1) Inundation Visible on A Sparsely Vegetated C	um of one require ) 2) ) 86) Aerial Imagery (B	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen  Oxidized I  Presence  Recent Iro  Stunted or  Other (Exp	1, 2, 4A, (B11) (Vertebrate Sulfide O Rhizosphe of Reduct on Reduct r Stressec	es (B13) bdor (C1) eres along led Iron (C4 dion in Tilled I Plants (D	Living Roof ) d Soils (C6)		Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimal Mater Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (E1) Inundation Visible on A Sparsely Vegetated C ield Observations:	um of one require ) 2) 36) Aerial Imagery (Boncave Surface (	Water-Sta  MLRA Salt Crust Aquatic In Hydrogen Oxidized If Presence Recent Iro Stunted or  Other (Exp	1, 2, 4A, (B11) evertebrate Sulfide O Rhizosphe of Reduce on Reduct r Stressed	es (B13) bdor (C1) eres along led Iron (C4 dion in Tilled I Plants (D	Living Roof ) d Soils (C6)		Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimal Mater Marks (B1) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B1) Inundation Visible on A Sparsely Vegetated C	um of one require  2)  36)  Aerial Imagery (Boncave Surface (	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen  Oxidized If  Presence  Recent Iro  Stunted or  Other (Exp	1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduct on Reduct r Stressed plain in Re	es (B13) dor (C1) eres along led Iron (C4 dion in Tilled IPlants (D emarks)	Living Roof ) d Soils (C6)		Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimal Mater Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (E1) Inundation Visible on A Sparsely Vegetated C ield Observations:	um of one require  2)  36)  Aerial Imagery (Boncave Surface (	Water-Sta  MLRA Salt Crust Aquatic In Hydrogen Oxidized If Presence Recent Iro Stunted or  Other (Exp	1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduct on Reduct r Stressed plain in Re	es (B13) dor (C1) eres along led Iron (C4 dion in Tilled IPlants (D emarks)	Living Roof ) d Soils (C6)		Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimary Indicators (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B4)  Inundation Visible on Material (minimary Indicators (B4)  Sparsely Vegetated Collected Observations:  Indicators (material (minimary Indicators (B4))  Includes Capillary fringe)	um of one require  2)  36)  Aerial Imagery (Boncave Surface (  Yes X  Yes X  Yes X		nined Leaven 1, 2, 4A, (B11) evertebrate Sulfide ORhizospher of Reductor Reductor Stressed plain in Re	es (B13) Didor (C1) Deres along led Iron (C4 Didon in Tilled I Plants (Didemarks)	Living Roof  Soils (C6)  (LRR A)	ts (C3) &	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimary Indicators (Mater Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4 Iron Deposits (B5) Surface Soil Cracks (B4 Iron Deposits (B5) Surface Soil Cracks (B4 Inundation Visible on Material Sparsely Vegetated Cield Observations:	um of one require  2)  36)  Aerial Imagery (Boncave Surface (  Yes X  Yes X  Yes X		nined Leaven 1, 2, 4A, (B11) evertebrate Sulfide ORhizospher of Reductor Reductor Stressed plain in Re	es (B13) Didor (C1) Deres along led Iron (C4 Didon in Tilled I Plants (Didemarks)	Living Roof  Soils (C6)  (LRR A)	ts (C3) &	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Primary Indicators (minimal Surface Water Table (A2) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (E1) Inundation Visible on A Sparsely Vegetated C ield Observations: urface Water Present? Atter Table Present? Includes capillary fringe)	um of one require  2)  36)  Aerial Imagery (Boncave Surface (  Yes X  Yes X  Yes X		nined Leaven 1, 2, 4A, (B11) evertebrate Sulfide ORhizospher of Reductor Reductor Stressed plain in Re	es (B13) Didor (C1) Deres along led Iron (C4 Didon in Tilled I Plants (Didemarks)	Living Roof  Soils (C6)  (LRR A)	ts (C3) &	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Cit Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Primary Indicators (minimal Surface Water Table (A2) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (E1) Inundation Visible on A Sparsely Vegetated C ield Observations: urface Water Present? Atter Table Present? Includes capillary fringe)	um of one require  2)  36)  Aerial Imagery (Boncave Surface (  Yes X  Yes X  Yes X		nined Leaven 1, 2, 4A, (B11) evertebrate Sulfide ORhizospher of Reductor Reductor Stressed plain in Re	es (B13) Didor (C1) Deres along led Iron (C4 Didon in Tilled I Plants (Didemarks)	Living Roof  Soils (C6)  (LRR A)	ts (C3) &	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Cit Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

Landform (hillislope, terrace, etc.):	WETLAND DETERMINATION I				
Applicant/Owner: State Stratum (Plot size: 15   10   10   10   10   10   10   10	Project/Site: WestPort ) ight S. 1	City/	County: W2	St rort San	npling Date:
Landform (hillislope, terrace, etc.):	Applicant/Owner: State Park			State: WA San	npling Point: SP-1913
Soll Map Unit Name: Yes	Investigator(s): P. Hamid:	Sec	tion, Township, Ra	nge:	4.1
Soll Map Unit Name: Yes	Landform (hillslope, terrace, etc.):	cal Loc	al relief (concave,	convex, none): CONVER	Slope (%).
Soll Map Unit Name: Yaggorina Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (fire, explain in Remarks). Are Vegetation Soil or Hydrology significantly disturbed? Are Vegetation Soil or Hydrology industrially problematic?  (If needed, explain any enswers in Remarks).  SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.  Hydrophyde Vegetation Present? Yes No Is the Sampled Area within a Wetland?  Hydrock Soll Present? Yes No Wetland Hydrology Present?  Wetland Hydrology Present? Yes No Wetland Hydrology Present?  Wetland Hydrology Present?  Yes No Wetland Hydrology Present?  Yes	Subregion (LRR):			Longi	Datum:
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (fino, explain in Remarks.)  Are Vegetation Soil or Hydrology significantly disturbed? Are Normal Circumstances' present? Yes No Are Vegetation Present? Yes No (fine needed, explain any answers in Remarks.)  SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc.  Hydrophytic Vegetation Present? Yes No Within a Wettand? Yes No Wetland Hydrology Present? Yes No Prevalence Index Status No Prevalence	Soil Map Unit Name: Yagui NG			NWI classification	upland 10
Are Vegetation Soil or Hydrology significantly disturbed? Are Vegetation Soil or Hydrology anaturally problematic? (If needed, explain any answers in Remarks.)  SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.  Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No Yes No X within a Wetland? Yes No Yes No Yes No X within a Wetland? Yes No X within a We	Are climatic / hydrologic conditions on the site typical for	this time of year?	Yes & No	(If no, explain in Rema	rks.)
Are Vegetation			urbed? Are "	Normal Circumstances" prese	nt? Yes No 🗠
SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc.  Hydrophytic Vegetation Present?  Hydrophytic Vegetation Present?  Yes No Welland Hydrology Present?  Yes No Welland H				eded explain any answers in	Remarks.)
Hydrophytic Vegetation Present?   Yes   No   Is the Sampled Area within a Wetland Pydrology Present?   Yes   No   X   Wetland Hydrology Present?   Yes   No   Yes   No   Yes   Y					
Hydric Soil Present?   Yes			mpling point le	ocations, transects, im	portant leatures, etc.
Hydrocytresent   Product			Is the Sampled	Area	. ,
Remarks:   Product   Pro					No <u>Y</u>
VEGETATION - Use scientific names of plants.  Tree Stratum (Plot size: 30'   Absolute % Cover   Species? Status   Status   Species		140 X			
Absolute	upland hummade on the		. ph	woos 936-94	10
Tree Stratum (Plot size: 30   3/4   5/5	VEGETATION – Use scientific names of plants		Part of the	T	at:
That Are OBL, FACW, or FAC:  Total Number of Dominant Species Across All Strata:  Sapling/Shrub Stratum (Plot size: 15' 45 = Total Cover  Sapl	Tree Stratum (Plot size: 30				
2. 3. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	1. Pinos contortes			That Are OBL, FACW, or FA	AC: (A)
Species Across All Stratus:  Parcent of Dominant Species  That Acr OBL., FACW, or FAC:  OBL species  At 1 =  FACW species At 1 =  FACW species At 2 =  UPL species At 3 =  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  A - Morphological Adaptations' (Provide supporting data in Remarks or on a separate sheet)  4 - Morphological Adaptations' (Provide supporting data in Remarks or on a separate sheet)  5 - Wetland Non-Vascular Plants'  Problematic Hydrophytic Vegetation (Explain)  Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Hydrophytic Vegetation  Present?  Yes A No	2.			Total Number of Dominant	3
Sapling/Shrub Stratum (Plot size: 15	3.	VIII FAL			(B)
Sapling/Shrub Stratum (Plot size: 15	4		•	Percent of Dominant Specie	es /7
1.   Gas   Marria   Shallon   YO   Y   Total   Cover of:   Multiply by:	2 1 10 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45 = T	otal Cover	That Are OBL, FACW, or F.	AC: (A/B)
Total % Cover of:	Sapling/Shrub Stratum (Plot size:)	yo '	4 FACU		
3. Vtcc; N; J Our Duritum  4	CULISON SCOPERIOR				
4			FACU		
5	4		T-7		
Herb Stratum (Plot size: 5	5.	A Committee of the Comm		to replace to the same of the	
Herb Stratum (Plot size: 10		_60_=T	otal Cover	Va	
Prevalence Index = B/A =  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  2 - Dominance Test is >50%  3 - Prevalence Index is ≤3.0¹  4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)  5 - Wetland Non-Vascular Plants¹  Problematic Hydrophytic Vegetation¹ (Explain)  ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Hydrophytic  Vegetation  Present?  Prevalence Index = B/A =  Hydrophytic Vegetation Indicators:  1 - Rapid Test for Hydrophytic Vegetation  Provide supporting data in Remarks or on a separate sheet)  5 - Wetland Non-Vascular Plants¹  Problematic Hydrophytic Vegetation¹ (Explain)  ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Hydrophytic  Vegetation  Present?  Yes \( \) No	Herb Stratum (Plot size:	10	y bbl.	The state of the s	
4	1. Care Objupta		FACU		
4	2. Garayera Obling 11011	1 14 1			220
5	3	77-7	Laibe is		
6			per dict		
7			- m-		
data in Remarks or on a separate sheet)  5 - Wetland Non-Vascular Plants¹ Problematic Hydrophytic Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Woody Vine Stratum (Plot size: 15 )  1		1 BC -1	WT THE	The state of the s	
9				data in Remarks or o	on a separate sheet)
10	95.5			- Committee of the Comm	HOUSE MANAGEMENT
11					25 26 8 6
Woody Vine Stratum (Plot size: 15 )  1				Indicators of hydric soil and	wetland hydrology must
1		= To	otal Cover	ne present, unless disturbed	or problematic.
2				11	
% Bare Ground in Herb Stratum			<del></del>		
% Bare Ground in Herb Stratum Total Cover  Remarks:	2	O = T	otal Cover		No
Remarks:	% Bare Ground in Herb Stratum		nai Cover	and the second second	
moss - 50%	Remarks:				
	moss - 50%				

Profile Description: (Describe to the o	lepth needed to documer	nt the indicator	or confirm t	the absence of	Sampling Point: 5
Depth Matrix (inches) Color (moist) %	Redox F Color (moist)	eatures  M Type <sup>1</sup>	_Loc²	Texture	Remarks
30			—	LIGACY_	
0-6 7.54 4/2.5 10c				LES -	
6-10 2,54 4/2 98	2,544/3	2 C	n	LPS_	
10-18 2,54 4/1 93	2,54 413	7 0	<u>n</u>	LF3	
Type: C=Concentration, D=Depletion, R		Covered or Coate	ed Sand Grai	ins. <sup>2</sup> Locati	on: PL=Pore Lining, M=Mat
lydric Soil Indicators: (Applicable to	all LRRs, unless otherwis	se noted.)		Indicators	for Problematic Hydric So
Histosol (A1)	Sandy Redox (S5)			2 cm M	luck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6	6)			arent Material (TF2)
Black Histic (A3)	Loamy Mucky Mine	C. C	t MLRA 1)		hallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	Loamy Gleyed Mat			Other (	Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F			2	
Thick Dark Surface (A12)	Redox Dark Surfac				of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Sur				hydrology must be present, isturbed or problematic.
Sandy Gleyed Matrix (S4) Restrictive Layer (if present):	Redox Depression	S (FO)		uriless ur	isturbed or problematic.
Type:				Undela Call Des	noemt? Voc No
Depth (inches):				Hydric Soil Pre	esent? Yes No
Depth (inches):Remarks:				Hydric Soil Pre	esent? Yes No
Depth (inches):	ired; check all that apply)				y Indicators (2 or more requi
Depth (inches):  Remarks:  IYDROLOGY  Wetland Hydrology Indicators:	Water-Stained	d Leaves (B9) (e:		<u>Secondar</u> Wate	
Depth (inches):	Water-Stained	2, 4A, and 4B)		Secondar — Water	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR.
Depth (inches):  Remarks:  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requ  Surface Water (A1)  High Water Table (A2)	Water-Stained MLRA 1, 2 Salt Crust (B1 Aquatic Invert	2, 4A, and 4B) (1) tebrates (B13)		Secondar Water 4A	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B)
Depth (inches):	Water-Stainer MLRA 1, 2 Salt Crust (B1 Aquatic Invert	2, 4A, and 4B) (11) tebrates (B13) fide Odor (C1)	xcept	Secondar Water 4A Drain Dry-S	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10)
Depth (inches):	Water-Stainer MLRA 1, 2 Salt Crust (B1 Aquatic Invert Hydrogen Sul Oxidized Rhiz	2, 4A, and 4B) (1) tebrates (B13) fide Odor (C1) tospheres along	xcept Living Roots	Secondar  Water  4A  Drain  Dry-S  Satur	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2)
Primary Indicators (minimum of one requesting Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained MLRA 1, 2 Salt Crust (B1 Aquatic Invert Hydrogen Sul Oxidized Rhiz Presence of F	2, 4A, and 4B) (11) (bebrates (B13) (fide Odor (C1) (cospheres along the cospheres alo	xcept Living Roots	Secondar  Water  AA  Drain  Dry-S  Satur  (C3) Geom	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image
Depth (inches):  Remarks:  PyDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required in the policy of the policy o	Water-Stainer MLRA 1, 2 Salt Crust (B1 Aquatic Invert Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R	2, 4A, and 4B) (1) (abrates (B13) (fide Odor (C1) (cospheres along the Reduced Iron (C4) (deduction in Tilled	xcept Living Roots  (a) (b) (c) (d) (d)	Secondar Water Drain Dry-S Satur (C3) Geom Shalk FAC-	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5)
Depth (inches):  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requestions)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Stainer MLRA 1, 2 Salt Crust (B1 Aquatic Invert Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Stunted or Str	2, 4A, and 4B) (1) (debrates (B13) (fide Odor (C1) (cospheres along the Reduced Iron (C4) (deduction in Tilled ressed Plants (D)	xcept Living Roots  (a) (b) (c) (d) (d)	Secondar Water Drain Dry-S Satur (C3) Geom Shalle FAC Raise	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one requestions)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery	Water-Stainer MLRA 1, 2  Salt Crust (B1 Aquatic Invert Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Stunted or Str (B7) Other (Explain	2, 4A, and 4B) (1) (debrates (B13) (fide Odor (C1) (cospheres along the Reduced Iron (C4) (deduction in Tilled ressed Plants (D)	xcept Living Roots  (a) (b) (c) (d) (d)	Secondar Water Drain Dry-S Satur (C3) Geom Shalle FAC Raise	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5)
Depth (inches):  Remarks:  Primary Indicators (minimum of one requestions)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	Water-Stainer MLRA 1, 2  Salt Crust (B1 Aquatic Invert Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron R Stunted or Str (B7) Other (Explain	2, 4A, and 4B) (1) (debrates (B13) (fide Odor (C1) (cospheres along the Reduced Iron (C4) (deduction in Tilled ressed Plants (D)	xcept Living Roots  (a) (b) (c) (d) (d)	Secondar Water Drain Dry-S Satur (C3) Geom Shalle FAC Raise	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A)
Depth (inches):  Remarks:  Primary Indicators (minimum of one requestions)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface	Water-Stainer MLRA 1, 2  Salt Crust (B1  Aquatic Invert  Hydrogen Sull  Oxidized Rhiz  Presence of F  Recent Iron R  Stunted or Str  (B7)  Other (Explain  e (B8)	2, 4A, and 4B) (11) (abbrates (B13) (fide Odor (C1) (cospheres along to Reduced Iron (C4) (deduction in Tilled ressed Plants (Den in Remarks)	xcept Living Roots  (a) (b) (c) (d) (d)	Secondar Water Drain Dry-S Satur (C3) Geom Shalle FAC Raise	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A)
Depth (inches):  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requestive Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface idled Observations:	Water-Stainer MLRA 1, 2  Salt Crust (B1  Aquatic Invert  Hydrogen Sull  Oxidized Rhiz  Presence of R  Recent Iron R  Stunted or Str  (B7)  Other (Explain  No Depth (inches	2, 4A, and 4B) (11) (12) (13) (14) (15) (15) (16) (16) (17) (17) (17) (17) (17) (17) (17) (17	xcept Living Roots  (a) (b) (c) (d) (d)	Secondar Water Drain Dry-S Satur (C3) Geom Shalle FAC Raise	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A)
Depth (inches):  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface included of the surface water Present?  Yes	Water-Stainer MLRA 1, 2 Salt Crust (B1 Aquatic Invert Hydrogen Sult Oxidized Rhiz Presence of F Recent Iron R Stunted or Str (B7) Other (Explair e (B8)  Depth (inches	2, 4A, and 4B) (11) (12) (13) (14) (15) (15) (15) (16) (16) (17) (17) (17) (17) (17) (17) (17) (17	xcept Living Roots I) d Soils (C6) 1) (LRR A)	Secondar  Water  4A  Drain  Dry-S  Satur  (C3) Geom  FAC- Raise Frost	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A) -Heave Hummocks (D7)
Depth (inches):  Remarks:  Primary Indicators (minimum of one requestive service)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Furface Water Present?  Ves  Staturation Present?  Yes	Water-Stainer MLRA 1, 2  Salt Crust (B1 Aquatic Invert Hydrogen Sull Oxidized Rhiz Presence of R Recent Iron R Stunted or Str (B7) Other (Explaine (B8)  No Depth (inches	2, 4A, and 4B) (11) (abbrates (B13)) (fide Odor (C1)) (cospheres along (Reduced Iron (C4)) (deduction in Tilled (Pessed Plants (D7)) (ab in Remarks) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	xcept  Living Roots  (a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Secondar Water Drain Dry-S Satur (C3) Geom Shalk FAC Raise Frost-	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A) -Heave Hummocks (D7)
Depth (inches):  Remarks:  Primary Indicators (minimum of one requestive service)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Furface Water Present?  Ves  Staturation Present?  Yes	Water-Stainer MLRA 1, 2  Salt Crust (B1 Aquatic Invert Hydrogen Sull Oxidized Rhiz Presence of R Recent Iron R Stunted or Str (B7) Other (Explaine (B8)  No Depth (inches	2, 4A, and 4B) (11) (abbrates (B13)) (fide Odor (C1)) (cospheres along (Reduced Iron (C4)) (deduction in Tilled (Pessed Plants (D7)) (ab in Remarks) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	xcept  Living Roots  (a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Secondar Water Drain Dry-S Satur (C3) Geom Shalk FAC Raise Frost-	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A) -Heave Hummocks (D7)
Depth (inches):  Remarks:  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Water Table Present?  Yes	Water-Stainer MLRA 1, 2  Salt Crust (B1 Aquatic Invert Hydrogen Sull Oxidized Rhiz Presence of R Recent Iron R Stunted or Str (B7) Other (Explaine (B8)  No Depth (inches	2, 4A, and 4B) (11) (abbrates (B13)) (fide Odor (C1)) (cospheres along (Reduced Iron (C4)) (deduction in Tilled (Pessed Plants (D7)) (ab in Remarks) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	xcept  Living Roots  (a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Secondar Water Drain Dry-S Satur (C3) Geom Shalk FAC Raise Frost-	y Indicators (2 or more requi r-Stained Leaves (B9) (MLR. A, and 4B) age Patterns (B10) Season Water Table (C2) ration Visible on Aerial Image norphic Position (D2) ow Aquitard (D3) Neutral Test (D5) ad Ant Mounds (D6) (LRR A) -Heave Hummocks (D7)

Project/Site: Wast Port Light	ATA FOR	M – Woote	14	t to Welling			
Project/Site: Wast Port Light S. Applicant/Owner: Starte Park Investigator(s): P. Hamidi	R	M - Aveste	rn Mou	ntains, valleys, an	d Coast Re	gion	2/
Applicant/Owner: Strate Park	142	City/County: _	Wes	11011	_ Sampling Da	ite: <u>9-/-</u>	.21
Investigator(s): P. Hamidi				State: Wiff	Sampling Po	int: <u> </u>	413
Landform (hillslope, terrace, etc.):	1	Occion, Town	nsnip, Kai	nge:		and the second	
Subregion (LRR):		Local relief (d	concave, o	convex, none):(on	Caul	Slope (%):	Loud
Soil Map Unit Name: Jacuina	Lat:			Long: NWI classific		Datum:	
				NWI classific	cation: PS	SEF	
Are climatic / hydrologic conditions on the site typical for the Vegetation Soil or Hydrology.	his time of ye	ar? Yes	No _	(If no, explain in F	Remarks.)		
Are Vegetation, Soil, or Hydrology Are Vegetation, Soil, or Hydrology	_ significantly	disturbed?	Are "	Normal Circumstances"	present? Yes	No	
, or rivationary	_ naturally pro	blematic?	(If ne	eded, explain any answe	ers in Remarks	( )	
SUMMARY OF FINDINGS – Attach site map	p showing	sampling	point le	ocations, transects	s, importan	t features	s, etc.
Hydric Seil December 19	No			A Principal Control	77.3		
Wetland Hydrology Brossett	No	Is the within	Sampled a Wetlan	Area nd? Yes	& No		
Remarks: Photo3 949-951					NO		175
10000 4442 497	wetta	rl w	the	used #2			
VEGETATION – Use scientific names of pla	ints.						
Tree Stratum (Plot size: 30'	Absolute	Dominant Ir	ndicator	Dominance Test work	ksheet:	777	
1. PiNOS Contorta	10	Species?	Status	Number of Dominant S That Are OBL, FACW,	Species	3	
2	and Barrie	<del>-</del>	, .,				(A)
3	1.11			Total Number of Domin Species Across All Stra	nant ata:	3	(B)
4					- Late 1		(5)
Sapling/Shrub Stratum (Plot size: 15	_10	= Total Cove	er	Percent of Dominant S That Are OBL, FACW,	or FAC:	100	(A/B)
1. Salix hookeviena	60	y F	FACW	Prevalence Index wo			
2	. 34			Total % Cover of:		ultiply by:	
3				OBL species	x1=		_
4				FACW species	x2=	-	-
5	- 100	T-1-10	-	FACU species	x4=		- 2
Herb Stratum (Plot size: 5)		= Total Cove		UPL species	x 5 =	- K	_
1. Carex obnupta	_ 40_	<u> 4</u> 0	BL	Column Totals:	(A)		_ (B)
2		-		Prevalence Index			
3				Hydrophytic Vegetati	on Indicators	:	_
4				1 - Rapid Test for		egetation	
5				2 - Dominance Tes			
6				3 - Prevalence Ind			
8				4 - Morphological / data in Remark	s or on a sepa	Provide supparate sheet)	porting
9.				5 - Wetland Non-V			
10				Problematic Hydro			
11	110			<sup>1</sup> Indicators of hydric so be present, unless dist	il and wetland	hydrology m	nust
Woody Vine Stratum (Plot size: 15')	40	= Total Cover	r _	be present, unless dist	urbed or probl	ematic.	
voody Vine Stratum (Plot size:)							
1				Hydrophytic Vegetation	0		
Z	0	= Total Cover	-	Present? Ye	s X N	o	
% Bare Ground in Herb Stratum					and a		
Remarks:							
water							

-	-		
•	•		
	u		

Sampling Point: <u>SP-A13</u>

Profile Description: (Describe to the d	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	
7-0		lifter
0-12 104 4/1 100		LFS
100 11 10		
		A STATE OF THE PARTY OF THE PAR
W		The second second
		2
lype: G=Concentration, D=Depletion, R lydric Soil Indicators: (Applicable to a	M=Reduced Matrix, CS=Covered or Coated Sand G	rains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils <sup>3</sup> :
		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
_ Histosol (A1) _ Histic Epipedon (A2)	Sandy Redox (S5)	2 cm Muck (A10) Red Parent Material (TF2)
Black Histic (A3)	Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except MLRA 1)	
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (except MLRA 1)  Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	Other (Explain in Normana)
Thick Dark Surface (A12)	Redox Dark Surface (F6)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	wetland hydrology must be present,
X Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	unless disturbed or problematic.
Restrictive Layer (if present):		A MARKET STATE OF THE STATE OF
Type:		[선물로 시킨 소화 원래, 이게 모다.
Depth (inches):		Hydric Soil Present? Yes X No
	water	
YDROLOGY	water	
YDROLOGY Wetland Hydrology Indicators:		
Remarks: Soils Pid Undo  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requ	ired; check all that apply)	Secondary Indicators (2 or more required)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)	ired; check all that apply) Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)	ired; check all that apply) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)	ired; check all that apply)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required by Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	ired; check all that apply)  Water-Stained Leaves (B9) (except  MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requested Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	ired; check all that apply)  Water-Stained Leaves (B9) (except  MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	ired; check all that apply)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roor	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3)  Geomorphic Position (D2)
Remarks:  Soils Pid Ords  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requested Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	ired; check all that apply)  Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)
Remarks:  Soils Pid Ordo  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requested Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	ired; check all that apply)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Rooi  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  ts (C3)  ☐ Geomorphic Position (D2)  □ Shallow Aquitard (D3)  ☐ FAC-Neutral Test (D5)
Remarks:  Soils Pid Orde  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	ired; check all that apply)  Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3) Ceomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one requirement Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery	ired; check all that apply)  Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  ts (C3)  ☐ Geomorphic Position (D2)  □ Shallow Aquitard (D3)  ☐ FAC-Neutral Test (D5)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required by Saurace Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface	ired; check all that apply)  Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3) Ceomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requirement Primary Indicators)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface ield Observations:	ired; check all that apply)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Room  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  (B7) Other (Explain in Remarks)  e (B8)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3) Ceomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Remarks:  Soils Pro Ordo  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requested Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Gurface Water Present?  Yes	ired; check all that apply)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Room  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  (B7) Other (Explain in Remarks)  e (B8)  No Depth (inches): 5	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3) Ceomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Remarks:  Soils Pid Substitute Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface (Bid Observations:  Surface Water Present?  Vater Table Present?	ired; check all that apply)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roo  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  (B7)  Other (Explain in Remarks)  (B8)  No Depth (inches): 50 CECL	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  ts (C3)  Geomorphic Position (D2)  □ Shallow Aquitard (D3)  □ FAC-Neutral Test (D5)  □ Raised Ant Mounds (D6) (LRR A)  □ Frost-Heave Hummocks (D7)
Remarks:  Soils Pid Ordo  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Weter Table Present?  Water Table Present?	ired; check all that apply)  — Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  — Salt Crust (B11)  — Aquatic Invertebrates (B13)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres along Living Root  — Presence of Reduced Iron (C4)  — Recent Iron Reduction in Tilled Soils (C6)  — Stunted or Stressed Plants (D1) (LRR A)  (B7) — Other (Explain in Remarks)  e (B8)  No — Depth (inches): 50 (C6)  No — Depth (inches): 50 (C6)  Wetla	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  Its (C3)  Geomorphic Position (D2)  □ Shallow Aquitard (D3)  □ FAC-Neutral Test (D5)  □ Raised Ant Mounds (D6) (LRR A)  □ Frost-Heave Hummocks (D7)  and Hydrology Present? Yes  No    No
Remarks:  Soils Pro Substitution Present?  Remarks:  Soils Pro Substitution Present?  Saturation Present?	ired; check all that apply)  — Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  — Salt Crust (B11)  — Aquatic Invertebrates (B13)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres along Living Root  — Presence of Reduced Iron (C4)  — Recent Iron Reduction in Tilled Soils (C6)  — Stunted or Stressed Plants (D1) (LRR A)  (B7) — Other (Explain in Remarks)  e (B8)  No — Depth (inches): 50 (C6)  No — Depth (inches): 50 (C6)  Wetla	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  Its (C3)  Geomorphic Position (D2)  □ Shallow Aquitard (D3)  □ FAC-Neutral Test (D5)  □ Raised Ant Mounds (D6) (LRR A)  □ Frost-Heave Hummocks (D7)  and Hydrology Present? Yes  No  ■ No
Primary Indicators (minimum of one required Nation (National National Natio	ired; check all that apply)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roo  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  (B7)  Other (Explain in Remarks)  (B8)  No Depth (inches): 5	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  Its (C3)  Geomorphic Position (D2)  □ Shallow Aquitard (D3)  □ FAC-Neutral Test (D5)  □ Raised Ant Mounds (D6) (LRR A)  □ Frost-Heave Hummocks (D7)  and Hydrology Present? Yes  No  ■ No
IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  ✓ Surface Water (A2)  ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Vater Table Present?  Ves ✓  Saturation Present?  V	ired; check all that apply)  — Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  — Salt Crust (B11)  — Aquatic Invertebrates (B13)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres along Living Root  — Presence of Reduced Iron (C4)  — Recent Iron Reduction in Tilled Soils (C6)  — Stunted or Stressed Plants (D1) (LRR A)  (B7) — Other (Explain in Remarks)  e (B8)  No — Depth (inches): 50 (C6)  No — Depth (inches): 50 (C6)  Wetla	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  Its (C3)  Geomorphic Position (D2)  □ Shallow Aquitard (D3)  □ FAC-Neutral Test (D5)  □ Raised Ant Mounds (D6) (LRR A)  □ Frost-Heave Hummocks (D7)  and Hydrology Present? Yes  No    No
IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  ✓ Surface Water (A2)  ✓ Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Ves   Vater Table Present?  Ves   Saturation Present	ired; check all that apply)  — Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  — Salt Crust (B11)  — Aquatic Invertebrates (B13)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres along Living Root  — Presence of Reduced Iron (C4)  — Recent Iron Reduction in Tilled Soils (C6)  — Stunted or Stressed Plants (D1) (LRR A)  (B7) — Other (Explain in Remarks)  e (B8)  No — Depth (inches): 50 (C6)  No — Depth (inches): 50 (C6)  Wetla	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3) Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Remarks:  Soils Pro Ordo  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required by Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Water Table Present?  Ves X  Saturation Present?  Yes X  Saturation Present?  Yes X  Yes X  Saturation Present?	ired; check all that apply)  — Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  — Salt Crust (B11)  — Aquatic Invertebrates (B13)  — Hydrogen Sulfide Odor (C1)  — Oxidized Rhizospheres along Living Root  — Presence of Reduced Iron (C4)  — Recent Iron Reduction in Tilled Soils (C6)  — Stunted or Stressed Plants (D1) (LRR A)  (B7) — Other (Explain in Remarks)  e (B8)  No — Depth (inches): 50 (C6)  No — Depth (inches): 50 (C6)  Wetla	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ts (C3) Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)

#### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: WistPort Light 3, P. City/County: WestPort Sampling Date: 4-12 State: WA Sampling Point: S Applicant/Owner: State Park Investigator(s): P. Na M. O. Section, Township, Range: \_\_\_\_ Landform (hillslope, terrace, etc.): 1Wterduval Local relief (concave, convex, none): Convex Slope (%): 3 Datum: \_\_\_\_\_ Long: \_\_\_\_\_ Subregion (LRR): NWI classification: Up key Soil Map Unit Name: DUNE Land Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_ (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes \_\_\_\_\_ No \_\_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No\_ Is the Sampled Area Hydric Soil Present? Wetland Hydrology Present? within a Wetland? VEGETATION - Use scientific names of plants. **Dominance Test worksheet:** Absolute Dominant Indicator Tree Stratum (Plot size: 30 % Cover Species? Status Number of Dominant Species Tree Stratum (Plot size: \_\_\_\_\_\_\_) % Cover Species? Status 1. Pinos Contorta 70 Y FAK That Are OBL, FACW, or FAC: **Total Number of Dominant** (B) Species Across All Strata: Percent of Dominant Species (A/B) That Are OBL, FACW, or FAC: = Total Cover Sapling/Shrub Stratum (Plot size: 15 Prevalence Index worksheet: FACU 1. Vaccinium ovatum Total % Cover of: Multiply by: 2. Morella Californica OBL species \_\_\_\_\_ x 1 = \_\_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_\_ FACU species \_\_\_\_\_ x 4 = \_\_\_\_ 35 = Total Cover UPL species \_\_\_\_\_ x 5 = \_\_\_\_ Herb Stratum (Plot size: \_\_\_ Column Totals: \_\_\_\_\_ (A) \_\_\_\_ (B) 1. Carex obnueta Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** \_\_ 1 - Rapid Test for Hydrophytic Vegetation X2 - Dominance Test is >50% \_\_ 3 - Prevalence Index is ≤3.01 \_\_\_ 4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) \_\_\_ 5 - Wetland Non-Vascular Plants<sup>1</sup> Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 5 = Total Cover Woody Vine Stratum (Plot size: O ) Hydrophytic Vegetation Present? = Total Cover % Bare Ground in Herb Stratum

Remarks:

SOIL  Profile Description: (Description)	ribe to the dept	h needed to docum	ent the Indi	icator o	or contirm	the absence	of indicators	.)	
Depth Matr		Redux	reatures	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture			
(inches) Color (moist		Color (moist)	%	уре	LUC	Litter	-	Remarks	
2-0				-		1070			
6-5 2544	1,5 100					453	-		
5-18 2,54 VI	12 100			1	_	LFS			
				Contor	d Sand Gr	rains 21.0	cation: PL=Po	ore Lining, M=N	Matrix.
Type: C=Concentration, D=I	Depletion, RM=F	Reduced Matrix, CS	covered or	Coaled	J Sand Gi	Indicate	ors for Proble	matic Hydric	Soils <sup>3</sup> :
Hydric Soil Indicators: (App	plicable to all L			,			m Muck (A10)		
Histosol (A1)	-	Sandy Redox (Starting Stripped Matrix (Stripped Matrix				Red	d Parent Mater	rial (TF2)	
Histic Epipedon (A2) Black Histic (A3)	· ·	Loamy Mucky Mi		except	MLRA 1)	Ver	y Shallow Dar	k Surface (TF1	12)
Hydrogen Sulfide (A4)		Loamy Gleyed M				Oth	er (Explain in	Remarks)	
Depleted Below Dark Sui	rface (A11)	Depleted Matrix	(F3)					t	and
Thick Dark Surface (A12)		Redox Dark Surf				Indicate	ors of hydrophy	ytic vegetation must be prese	anu nt
Sandy Mucky Mineral (S		Depleted Dark S				wetta	ss disturbed or	nroblematic.	114,
			mc /FRI			unies	s disturbed of	problement	
Sandy Gleyed Matrix (S4		Redox Depression	) iis (i o)						
Sandy Gleyed Matrix (S4		Redox Depression	ons (r o)	4	1.75				
Sandy Gleyed Matrix (S4		Redox Depressio	ons (FO)			Iliudaia Pail	Procent2	/as I	No X
Sandy Gleyed Matrix (S4 Restrictive Layer (if presen		Redox Depressio	ons (FO)			Hydric Soil	Present?	(es	No K
Sandy Gleyed Matrix (S4 Restrictive Layer (if presen Type: Depth (inches): Remarks:		Redox Depression	ons (r o)			Hydric Soil	Present?	(es	No K
Sandy Gleyed Matrix (S4 Restrictive Layer (if presen Type: Depth (inches): Remarks:	nt):	Kedox Depressio	ins (r o)			Hydric Soil	Present?	(es	No K
Sandy Gleyed Matrix (S4 Restrictive Layer (if presen Type: Depth (inches): Remarks:  HYDROLOGY Wetland Hydrology Indicate	etors:								
Sandy Gleyed Matrix (S4 Restrictive Layer (if presen Type: Depth (inches): Remarks:  HYDROLOGY  Wetland Hydrology Indicat Primary Indicators (minimum	etors:	; check all that apply	)	(R9) (ex	cent	Secon	ndary Indicator	s (2 or more re	quired)
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Sandy Gleyed Matrix (S4 Restrictive Layer (if presen Type: Depth (inches): Remarks:  HYDROLOGY  Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2)	etors:	; check all that apply Water-Stain	) ned Leaves ( , <b>2</b> , <b>4A</b> , and		cept	Secor W	ndary Indicator /ater-Stained L 4A, and 4B)	s (2 or more re eaves (B9) (M	quired)
Sandy Gleyed Matrix (S4 Restrictive Layer (if presenty presenty property)  Remarks:  HYDROLOGY  Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3)	etors:	; check all that apply  Water-Stain  MLRA 1  Salt Crust (I	) ned Leaves ( , <b>2</b> , <b>4A</b> , and	4B)	cept	<u>Secor</u> W	ndary Indicator /ater-Stained L	es (2 or more re Leaves (B9) (M	equired)
Sandy Gleyed Matrix (S4 Restrictive Layer (if presen Type: Depth (inches):  Remarks:  HYDROLOGY  Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	etors:	; check all that apply  Water-Stain  MLRA 1  Salt Crust (I	) ned Leaves ( , <b>2</b> , <b>4A</b> , and	4B) 313)	cept	<u>Secor</u> W	ndary Indicator /ater-Stained L 4A, and 4B) rainage Patter ry-Season Wa	es (2 or more re Leaves (B9) (M	equired)
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Sandy Gleyed Matrix (S4 Restrictive Layer (if present Type:	cors: In of one required In of one sequired In of o	; check all that apply  — Water-Stain  MLRA 1  — Salt Crust (I  — Hydrogen S  — Oxidized Rh — Presence of — Recent Iron — Stunted or S ) — Other (Explain)	ned Leaves ( , 2, 4A, and B11) ertebrates (B iulfide Odor nizospheres f Reduced In Reduction in Stressed Pla ain in Reman	4B) 313) (C1) along Liron (C4) in Tilled ants (D1) rks)	iving Root Soils (C6)	Secon W D D S S (C3) G S F R	ndary Indicator /ater-Stained L 4A, and 4B)· rainage Patter ry-Season Wa aturation Visib ieomorphic Po- hallow Aquitara AC-Neutral Te aised Ant Mou	es (2 or more re Leaves (B9) (M Ins (B10) Iter Table (C2) Ide on Aerial Ims Sition (D2) Id (D3) St (D5)	equired) LRA 1, 2, agery (C9
Sandy Gleyed Matrix (S4 Restrictive Layer (if present Type:	rial Imagery (B7) cave Surface (B) Yes N Yes N	; check all that apply  — Water-Stain  MLRA 1  — Salt Crust (I  — Hydrogen S  — Oxidized Rh — Presence of — Recent Iron — Stunted or S ) — Other (Explain)	ned Leaves ( , 2, 4A, and B11) ertebrates (E iulfide Odor nizospheres f Reduced Ir Reduction ii Stressed Pla ain in Remai	4B) 313) (C1) along Liron (C4) in Tilled ants (D1) rks)	iving Roof Soils (C6) ) (LRR A)	Secon W D S (C3) S F F	ndary Indicator /ater-Stained L 4A, and 4B)· rainage Patter ry-Season Wa aturation Visib ieomorphic Po- hallow Aquitara AC-Neutral Te aised Ant Mou	es (2 or more re Leaves (B9) (M Ins (B10) Iter Table (C2) Ide on Aerial Ims Sition (D2) Id (D3) St (D5) Inds (D6) (LRR Immocks (D7)	equired) LRA 1, 2, agery (C9

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: Westfort Light S.P. city/County: Westfort P. Hamidi Investigator(s): Section, Township, Range: Landform (hillslope, terrace, etc.): Interdural Local relief (concave, convex, none): Concauz Slope (%): \_\_ \_\_\_\_ Long: \_\_\_\_\_ Subregion (LRR): \_\_ Datum: NWI classification: PFO/EM | Soil Map Unit Name: Yaquina \_\_\_ (If no, explain in Remarks.) Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_ Are "Normal Circumstances" present? Yes \_\_\_\_\_\_\_\_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation , Soil , or Hydrology naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? within a Wetland? Wetland Hydrology Present? Yes X No Remarks: Photos 964-967 Wetland A on transect #3 VEGETATION - Use scientific names of plants. **Dominance Test worksheet:** Absolute Dominant Indicator Tree Stratum (Plot size: 20 % Cover Species? Status **Number of Dominant Species** 1. PINUS CONTOST (A) That Are OBL, FACW, or FAC: **Total Number of Dominant** (B) Species Across All Strata: Percent of Dominant Species = Total Cover (A/B) That Are OBL, FACW, or FAC: Sapling/Shrub Stratum (Plot size: Prevalence Index worksheet: 1. Rosa nutkaNa Total % Cover of: Multiply by: 2. Morella californica OBL species x 1 = \_\_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_ FACU species x 4 = = Total Cover UPL species \_ x 5 = Herb Stratum (Plot size: OBL Column Totals: \_\_ \_\_ (A) \_\_\_\_\_ (B) 1. Carex ob nupta Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** \_\_ 1 - Rapid Test for Hydrophytic Vegetation ∠ 2 - Dominance Test is >50% \_\_ 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Present? = Total Cover % Bare Ground in Herb Stratum [[] Remarks:

Profile Description: (Describe to the Depth Matrix	no doptii iioo		Feature	9					
(inches) Color (moist)	% Colo	r (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Textur	e	Remark	(S
3.0						Litte	V .		
0-5 3 511111 9	18 104	e 4/3	7	$\overline{c}$	M	LFS			
5-1/2	13	0 1/11	7	0	m	1 F S			
5-10 54 4/1 9	2 104	K 9/9		<u> </u>					
<del></del>					3 7 7		on in	-	
			-				_		
Type: C=Concentration, D=Depletion	n, RM=Reduce	ed Matrix, CS	=Covere	d or Coate	ed Sand Gr	rains.		L=Pore Lining	
lydric Soil Indicators: (Applicable	to all LRRs, u	unless other	wise not	ed.)		Indi	cators for P	roblematic H	ydric Soils
Histosol (A1)	X Sar	ndy Redox (S	35)			_	2 cm Muck (	A10)	
Histic Epipedon (A2)	Stri	ipped Matrix (	(S6)					Material (TF2)	
Black Histic (A3)		amy Mucky M			MLRA 1)			V Dark Surface	
Hydrogen Sulfide (A4)		amy Gleyed N	Matrix (F2	2)			Other (Expla	in in Remarks	)
Depleted Below Dark Surface (A		pleted Matrix					S. Spart		
Thick Dark Surface (A12)		dox Dark Sur					Control of the Contro	Irophytic vege	
Sandy Mucky Mineral (S1)		pleted Dark S						logy must be	
Sandy Gleyed Matrix (S4)	Re	dox Depressi	ions (F8)		100 No.	u	nless disturb	ed or problem	atic.
Restrictive Layer (if present):									
Type:								N	
Depth (inches):						Hydric	Soil Present	? Yes	No
IYDROLOGY									
IYDROLOGY Wetland Hydrology Indicators:	required; check	c all that apply	v)					cators (2 or m	ore required
IYDROLOGY Wetland Hydrology Indicators:	required; check	all that apply Water-Stair		res (B9) (e	xcept		econdary Ind	cators (2 or m	
IYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1)	required; check	_ Water-Stair	ned Leav	2000 40000 400	xcept		econdary Ind Water-Sta	cators (2 or m	
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1)  High Water Table (A2)	required; check	_ Water-Stair	ned Leav 1, 2, 4A,	2000 40000 400	xcept		econdary Ind Water-Sta 4A, an	icators (2 or mined Leaves (Ed 4B)	39) (MLRA 1
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3)	required; check	_ Water-Stair	ned Leav <b>1, 2, 4A,</b> a (B11)	and 4B)	xcept		econdary Ind Water-Sta 4A, an	cators (2 or mined Leaves (6 id 4B) Patterns (B10)	39) ( <b>MLRA</b> 1
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	required; check	Water-Stair MLRA 1 Salt Crust ( Aquatic Inv	ned Leav 1, 2, 4A, a (B11) vertebrate	and 4B)	xcept		econdary Ind Water-Sta 4A, an Drainage I	cators (2 or m ned Leaves (6 d 4B) Patterns (B10) on Water Table	39) ( <b>MLRA</b> 1
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	required; check	Water-Stair MLRA Salt Crust Aquatic Inv Hydrogen S	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O	and 4B) es (B13) edor (C1)		<u>S</u>	econdary Ind Water-Sta 4A, and Drainage I Dry-Seaso Saturation	icators (2 or m ned Leaves (E d 4B) Patterns (B10) on Water Table Visible on Ae	(C2) (MLRA)
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	required; check	Water-Stain MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide O	es (B13) dor (C1) eres along	Living Roo	<u>S</u>	econdary Ind Water-Sta 4A, and Drainage Industrial Dry-Season Saturation	icators (2 or m ned Leaves (E d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D	(C2) (MLRA)
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Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	required; check	Water-Stain MLRA Salt Crust ( Aquatic Inv Hydrogen ( Oxidized R Presence ( Recent Iron	ned Leav 1, 2, 4A, 4 (B11) vertebrate Sulfide O Rhizosphe of Reduce n Reducti	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille	Living Roo 4) d Soils (C6	Si	econdary Ind Water-Sta 4A, an Drainage Dry-Seaso Saturation Geomorph Shallow A	cators (2 or mined Leaves (6 d 4B) Patterns (B10) on Water Table Visible on Ae hic Position (Diquitard (D3) ral Test (D5)	(C2) (MLRA 1) (C2) (C2) (Tall Imagery
Wetland Hydrology Indicators:  Primary Indicators (minimum of one  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)		Water-Stain MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O Rhizosphe of Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Roo 4) d Soils (C6	Si	econdary Ind Water-Sta 4A, an Drainage I Dry-Seaso Saturation Geomorpi Shallow A FAC-Neut Raised Ar	icators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6	(C2) rial Imagery (LRR A)
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Image		Water-Stain MLRA Salt Crust ( Aquatic Inv Hydrogen ( Oxidized R Presence ( Recent Iron	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O Rhizosphe of Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Roo 4) d Soils (C6	Si	econdary Ind Water-Sta 4A, an Drainage I Dry-Seaso Saturation Geomorpi Shallow A FAC-Neut Raised Ar	cators (2 or mined Leaves (6 d 4B) Patterns (B10) on Water Table Visible on Ae hic Position (Diquitard (D3) ral Test (D5)	(C2) rial Imagery (LRR A)
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Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Images Sparsely Vegetated Concave Sufficient Concave Suff	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduct on Reduct Stressed plain in Reduct ches):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D	Living Roo 4) d Soils (C6	Si	econdary Ind Water-Sta 4A, an Drainage I Dry-Seaso Saturation Geomorpi Shallow A FAC-Neut Raised Ar	icators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6	(C2) (MLRA 1 lmagery 2) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Images Sparsely Vegetated Concave Surface Water Present?  Water Table Present?	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduce on Reducti Stressed dain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3)	econdary Ind Water-Sta 4A, and Drainage I Dry-Seaso Saturation Geomorpi Shallow A FAC-Neut Raised Ar Frost-Hea	cators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae aic Position (D3 quitard (D3) ral Test (D5) t Mounds (D6 ve Hummocks	e (C2) rial Imagery 2) (LRR A) (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Images Sparsely Vegetated Concave Surface Water Present?  Water Table Present?  Yes  Saturation Present?	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduce on Reducti Stressed dain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3)	econdary Ind Water-Sta 4A, and Drainage I Dry-Seaso Saturation Geomorpi Shallow A FAC-Neut Raised Ar Frost-Hea	icators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6	e (C2) rial Imagery 2) (LRR A) (D7)
High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Images Sparsely Vegetated Concave Suficial Observations:  Surface Water Present?  Yes  Water Table Present?	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduce n Reducti Stressed plain in Re ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille I Plants (Demarks)	Living Roots  4) d Soils (C6 1) (LRR A	ots (C3)	econdary Ind Water-Sta 4A, and Drainage Dry-Seaso Saturation Geomorph Shallow A FAC-Neut Raised Ar Frost-Hea	cators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6) ve Hummocks	e (C2) rial Imagery 2) (LRR A) (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Images Sparsely Vegetated Concave Sufficient Observations:  Surface Water Present?  Water Table Present?  Yes Saturation Present?  Yes (includes capillary fringe)	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduce n Reducti Stressed plain in Re ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille I Plants (Demarks)	Living Roots  4) d Soils (C6 1) (LRR A	ots (C3)	econdary Ind Water-Sta 4A, and Drainage Dry-Seaso Saturation Geomorph Shallow A FAC-Neut Raised Ar Frost-Hea	cators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6) ve Hummocks	e (C2) rial Imagery 2) (LRR A) (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Images Sparsely Vegetated Concave Sufficiency Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduce n Reducti Stressed plain in Re ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille I Plants (Demarks)	Living Roots  4) d Soils (C6 1) (LRR A	ots (C3)	econdary Ind Water-Sta 4A, and Drainage Dry-Seaso Saturation Geomorph Shallow A FAC-Neut Raised Ar Frost-Hea	cators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6) ve Hummocks	e (C2) rial Imagery 2) (LRR A) (D7)
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Images Sparsely Vegetated Concave Sufficient Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes Signiculates capillary fringe) Describe Recorded Data (stream gain	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduce n Reducti Stressed plain in Re ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille I Plants (Demarks)	Living Roots  4) d Soils (C6 1) (LRR A	ots (C3)	econdary Ind Water-Sta 4A, and Drainage Dry-Seaso Saturation Geomorph Shallow A FAC-Neut Raised Ar Frost-Hea	cators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6) ve Hummocks	e (C2) rial Imagery 2) (LRR A) (D7)
Wetland Hydrology Indicators: Primary Indicators (minimum of one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Images Sparsely Vegetated Concave Sufficient Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes Signiculates capillary fringe) Describe Recorded Data (stream gain	gery (B7)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O chizosphe of Reduce n Reducti Stressed plain in Re ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille I Plants (Demarks)	Living Roots  4) d Soils (C6 1) (LRR A	ots (C3)	econdary Ind Water-Sta 4A, and Drainage Dry-Seaso Saturation Geomorph Shallow A FAC-Neut Raised Ar Frost-Hea	cators (2 or mined Leaves (8 d 4B) Patterns (B10) on Water Table Visible on Ae nic Position (D: quitard (D3) ral Test (D5) t Mounds (D6) ve Hummocks	e (C2) rial Imagery 2) (LRR A) (D7)

		ntains, valleys, and Coast Region
Project/Site: West Port Light S	City/County: West	+ Port Sampling Date: 4-1-2/
Applicant/Owner: State Fark		State: WA Sampling Point: SPA/6
	Section, Township, Ra	
Landform (hillslope, terrace, etc.): Intzy dun	X	
Subregion (LRR):	Lat:	Long: Datum:
Soil Map Unit Name: Yaaui Na		NWI classification: UPland
Are climatic / hydrologic conditions on the site typical for the		
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are '	'Normal Circumstances" present? Yes 📈 No
Are Vegetation, Soil, or Hydrology	naturally problematic? (If ne	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing sampling point l	ocations, transects, important features, etc.
Hydric Soil Present? Yes		
B	NO	
DNOTOS 968-419	10 1	
Upland at transpet	#3 West end	
VEGETATION - Use scientific names of pla	ints.	
Tree Stratum (Plot size: 30'	Absolute Dominant Indicator	Dominance Test worksheet:
1. Pinus Contexts	% Cover Species? Status	Number of Dominant Species That Are OBL, FACW, or FAC:  (A)
2.	_ <del>00</del> <del>    FII</del> C	
3.	AND THE SPECIAL PROPERTY OF	Total Number of Dominant Species Across All Strata:  (B)
4.		Percent of Dominant Species
Sapling/Shrub Stratum (Plot size: 15)	60 = Total Cover	That Are OBL, FACW, or FAC: (A/B)
1. Moy 2/6 Californica	20 Y FACIL	Prevalence Index worksheet:
2. Ilex agrifolium	- 2 - True	Total % Cover of: Multiply by:
3. Vaccinium olytum	10 Y FACU	OBL species x 1 =
4.		FACW species x 2 =
5.		FACUltanasias x 3 =
<u>-</u> 1	30 = Total Cover	FACU species x 4 = UPL species x 5 =
Herb Stratum (Plot size:	10 Y DB1	Column Totals: (A) (B)
1. Carex Obnupta	10 1 000	
3.		Prevalence Index = B/A =  Hydrophytic Vegetation Indicators:
4.		1 - Rapid Test for Hydrophytic Vegetation
5.		2 - Dominance Test is >50%
6.		3 - Prevalence Index is ≤3.01
7.	100000000000000000000000000000000000000	4 - Morphological Adaptations (Provide supporting
8		data in Remarks or on a separate sheet)
9	<u> </u>	5 - Wetland Non-Vascular Plants <sup>1</sup>
10		Problematic Hydrophytic Vegetation¹ (Explain)
11	= Total Cover	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 15'	= Total Cover	
1.		Hydrophytic
2.		Vegetation
% Page Cround in Hosh Stratum	= Total Cover	Present? Yes No No
% Bare Ground in Herb Stratum		
Moss 50%		

-	-	
•	m	
J	v	_

Sampling Point: 5P-A16

Depth Matrix Redox Features  (inches) Color (moist) % Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
History Color (History 70	LOC	1 11	Remarks
3-0		Littler	
0-8 2,54 4/2 100		LHS	
9-16 254412 95 2,544/3 5 C	M	LFS	
	•		
			And the same of th
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coat	ed Sand Gra	ains. <sup>2</sup> Loc	ation: PL=Pore Lining, M=Matrix.
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicato	rs for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5)		2 cm	Muck (A10)
_ Histic Epipedon (A2) Stripped Matrix (S6)		Red	Parent Material (TF2)
Black Histic (A3) Loamy Mucky Mineral (F1) (excep	ot MLRA 1)	Very	Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)		Othe	er (Explain in Remarks)
Depleted Below Dark Surface (A11) Depleted Matrix (F3)			
Thick Dark Surface (A12) Redox Dark Surface (F6)		3Indicato	rs of hydrophytic vegetation and
Sandy Mucky Mineral (S1)  Depleted Dark Surface (F7)		wetlar	nd hydrology must be present,
Sandy Gleyed Matrix (S4) Redox Depressions (F8)		unles	s disturbed or problematic.
Restrictive Layer (if present):		40 11-0	15 (5 17 17 17 17 17 17 17 17 17
Type:			
Double (facebook)		Hydric Soil	Present? Yes No
YDROLOGY			
Primary Indicators (minimum of one required; check all that apply)			dary Indicators (2 or more required)
YDROLOGY Wetland Hydrology Indicators:	except	Secon	dary Indicators (2 or more required) ater-Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)	except	Secon	
YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  Water-Stained Leaves (B9) (	except	Secon	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  Water-Stained Leaves (B9) ( High Water Table (A2)  MLRA 1, 2, 4A, and 4B)	except	<u>Secon</u> W D	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Aquatic Invertebrates (B13)	except	<u>Secon</u> W Di	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  WDRA 1, 2, 4A, and 4B)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)		<u>Secon</u> W Di Di Si	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)  Wetland Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along	g Living Roof	Secon W Di Di Si ts (C3) G	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9) eomorphic Position (D2)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Wetland Hydrogen Sulfide Odor (C1)  Presence of Reduced Iron (C2)	g Living Roof (4)	Secon W Di Di Si ts (C3) G Si	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9) eomorphic Position (D2) nallow Aquitard (D3)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Indicators:  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C	g Living Roof C4) ed Soils (C6)	Secon  — W  — Di  — Si ts (C3) — G  — Si ) — Fi	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9 eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Water (A1)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along  Presence of Reduced Iron (C1)  Recent Iron Reduction in Tilli  Surface Soil Cracks (B6)  Stunted or Stressed Plants (I	g Living Roof C4) ed Soils (C6)	Secon  W  Di  Si  Si  Si  Si  Si  Si  Si  R	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9 eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A)
Primary Indicators:  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Wetland Hydrogon Sulfide Odor (C1)  Recent Iron Reduction in Tille  Stunted or Stressed Plants (I	g Living Roof C4) ed Soils (C6)	Secon  W  Di  Si  Si  Si  Si  Si  Si  Si  R	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9 eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5)
Property Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Presence of Reduced In Remarks)  Sparsely Vegetated Concave Surface (B8)	g Living Roof C4) ed Soils (C6)	Secon  W  Di  Si  Si  Si  Si  Si  Si  Si  R	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9 eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A)
Proposition (Ba)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Primary Indicators (minimum of one required; check all that apply)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along  Recent Iron Reduction in Tille  Stunted or Stressed Plants (Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:	g Living Roof C4) ed Soils (C6)	Secon  W  Di  Si  Si  Si  Si  Si  Si  Si  R	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9 eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A)
Primary Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Peck all that apply)  Water Apply  MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Aquatic Invertebrates (B13)  Aquatic Invertebrates (B13)  Aquatic Invertebrates (B13)  Presence of Reduced Iron (C)  Recent Iron Reduction in Tille  Stunted or Stressed Plants (I)  Other (Explain in Remarks)  Sparsely Vegetated Concave Surface (B8)	g Living Roof (4) ed Soils (C6) D1) (LRR A)	Secon  W  Di  Si  Si  Si  Si  Si  Si  Si  R	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9 eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Surface Water Present?  Water Table Present?  Yes  No  Depth (inches):  Water All that apply)  Water Algal that apply)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along  Presence of Reduced Iron (C)  Recent Iron Reduction in Tille  Stunted or Stressed Plants (I)  Other (Explain in Remarks)	g Living Roof C4) ed Soils (C6) D1) (LRR A)	Secon  W  Di  Sits (C3) — G  Sits (C3) — F  F  F	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9) eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) rost-Heave Hummocks (D7)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Present Poph (inches): Surface Water Present?  Water Table Present?  Yes No Depth (inches): Saturation (A1) Water And 4B) Water And 4B)  Mater And 4B  Mater And 4B  Mater And 4B  M	g Living Roof C4) ed Soils (C6) D1) (LRR A)	Secon  W  Di  Sits (C3) — G  Sits (C3) — F  F  F	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9 eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Presence of Reduced Iron (Concave Surface (B8))  Field Observations:  Surface Water Present?  Water Table Present?  Yes  No  Depth (inches):  Depth (inches):  Saturation Present?  Yes  No  Depth (inches):	g Living Root (4) ed Soils (C6) D1) (LRR A)	Secon W Di Si ts (C3) G Si ) Fi Fi and Hydrolog	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9) eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) rost-Heave Hummocks (D7)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)	g Living Root (4) ed Soils (C6) D1) (LRR A)	Secon W Di Si ts (C3) G Si ) Fi Fi and Hydrolog	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9) eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) rost-Heave Hummocks (D7)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Presence of Reduced Iron (Concave Surface (B8))  Field Observations:  Surface Water Present?  Water Table Present?  Yes  No  Depth (inches):  Depth (inches):  Saturation Present?  Yes  No  Depth (inches):	g Living Root (4) ed Soils (C6) D1) (LRR A)	Secon W Di Si ts (C3) G Si ) Fi Fi and Hydrolog	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9) eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) rost-Heave Hummocks (D7)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)	g Living Root (4) ed Soils (C6) D1) (LRR A)	Secon W Di Si ts (C3) G Si ) Fi Fi and Hydrolog	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C9) eomorphic Position (D2) nallow Aquitard (D3) AC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) rost-Heave Hummocks (D7)

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: 1225+Port Light S.P. city/County: WestPort Sampling Date: 4-1-21 Hamidi Section, Township, Range: \_\_\_ Investigator(s): Local relief (concave, convex, none): Concove Slope (%): Landform (hillslope, terrace, etc.): INTUR du Pal \_\_\_\_\_ Long: \_\_\_\_ Subregion (LRR): NWI classification: PFO/EM Soil Map Unit Name: \_\_\_\_\_\_\_ Ne No \_\_\_\_\_ (If no, explain in Remarks.) Are climatic / hydrologic conditions on the site typical for this time of year? Yes Are "Normal Circumstances" present? Yes Ko Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? within a Wetland? Wetland Hydrology Present? Remarks: Photos 972-976 Transcette 4 wetland A get East and VEGETATION - Use scientific names of plants. **Dominance Test worksheet:** Absolute Dominant Indicator Tree Stratum (Plot size: 30 % Cover Species? Status Number of Dominant Species PINUS Contor FAC That Are OBL, FACW, or FAC: **Total Number of Dominant** Species Across All Strata: Percent of Dominant Species (60) = Total Cover That Are OBL, FACW, or FAC: (A/B) Sapling/Shrub Stratum (Plot size: \_\_\_ Prevalence Index worksheet: 1. Lonicera involvera Total % Cover of: Multiply by: Alnus Yubra OBL species \_\_\_\_\_ x 1 = \_\_\_\_\_ Picea SItcheNSIS FACW species \_\_\_\_\_ x 2 = \_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_ FACU species \_\_\_\_\_ x 4 = \_\_\_\_\_ = Total Cover UPL species \_\_ Herb Stratum (Plot size: 1 Carex obnipta Column Totals: \_\_\_\_\_ (A) \_\_\_\_ (B) Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** \_ 1 - Rapid Test for Hydrophytic Vegetation ✓ 2 - Dominance Test is >50% \_ 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. (00) = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Present? = Total Cover % Bare Ground in Herb Stratum \_ Remarks:

	pth needed to document the indicator or		
Depth Matrix	Redox Features		
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup>	Loc <sup>2</sup>	Texture Remarks
2-0		<u>l</u>	lider
0-5 2,54411 98	2,5443 2 C	n	2FS
5-16 254 45/1 75		n	LFS
3 10 E134 13/1 13	175 Yr 111 25 = -		
بنيم بنيين الكنت الاستباد			
		-	
1-		<del></del>	
'Type: C=Concentration, D=Depletion, RN	M=Reduced Matrix, CS=Covered or Coated	Sand Grain	
Hydric Soil Indicators: (Applicable to a			Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	∑ Sandy Redox (S5)		2 cm Muck (A10)
Histic Epipedon (A2) Black Histic (A3)	Stripped Matrix (S6)	U D A 4\	Red Parent Material (TF2)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) (except N Loamy Gleyed Matrix (F2)	ILRA 1)	Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F2)	1	Other (Explain in Remarks)
Thick Dark Surface (A12)	Redox Dark Surface (F6)	78	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)		wetland hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)		unless disturbed or problematic.
Restrictive Layer (if present):			THE THE RESERVE THE THE TANK AND THE
Type:			
Depth (inches):			Hydric Soil Present? Yes 🗡 No
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one require	ed: check all that apply)		Secondary Indicators (2 or more required)
Wetland Hydrology Indicators: Primary Indicators (minimum of one require		ept	Secondary Indicators (2 or more required)  Water-Stained Leaves (R9) (MIRA 1 2
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)	Water-Stained Leaves (B9) (exc	ept	
Wetland Hydrology Indicators:  Primary Indicators (minimum of one requir  Surface Water (A1)  High Water Table (A2)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B)	ept	✓ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	ept	<ul><li>✓ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li><li> Drainage Patterns (B10)</li></ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13)	ept	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B) Salt Crust (B11)		Water-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	<ul> <li>Water-Stained Leaves (B9) (exc</li> <li>MLRA 1, 2, 4A, and 4B)</li> <li>Salt Crust (B11)</li> <li>Aquatic Invertebrates (B13)</li> <li>Hydrogen Sulfide Odor (C1)</li> </ul>		Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  (C3)  Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Liv	ring Roots (	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  □ Drainage Patterns (B10)  □ Dry-Season Water Table (C2)  □ Saturation Visible on Aerial Imagery (C9)  C3 Seomorphic Position (D2)  □ Shallow Aquitard (D3)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Liv Presence of Reduced Iron (C4)	ring Roots ( Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Lin  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled S  Stunted or Stressed Plants (D1)	ring Roots ( Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Line Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Stantal Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)	ring Roots ( Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Line Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Stantal Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)	ring Roots ( Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (1)  Sparsely Vegetated Concave Surface	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Line Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Stantal Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)	ring Roots ( Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Sparsely Vegetated Concave Surface)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Lin  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled S  Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  (B8)	ring Roots ( Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Compared Surface Surface Surface Surface Surface Surface Surface Water Present?  Water Table Present?  Yes  Yes	Water-Stained Leaves (B9) (excomplex of MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Linger of Reduced Iron (C4)  Recent Iron Reduction in Tilled Signature of Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  No Depth (inches):	ring Roots ( Soils (C6) (LRR A)	Water-Stained Leaves (B9) (MLRA 1, 2,  4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Company of Sparsely Vegetated Concave Surface Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Lin  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled S  Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  (B8)	wing Roots ( Soils (C6) (LRR A)  Wetland	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Company of Sparsely Vegetated Concave Surface Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Linger of Reduced Iron (C4)  Recent Iron Reduction in Tilled Signature of Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  (B8)  No Depth (inches):  No Depth (inches):	wing Roots ( Soils (C6) (LRR A)  Wetland	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Company of Sparsely Vegetated Concave Surface Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  (includes capillary fringe)	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Linger of Reduced Iron (C4)  Recent Iron Reduction in Tilled Signature of Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  (B8)  No Depth (inches):  No Depth (inches):	wing Roots ( Soils (C6) (LRR A)  Wetland	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Company of the Company of the	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Linger of Reduced Iron (C4)  Recent Iron Reduction in Tilled Signature of Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  (B8)  No Depth (inches):  No Depth (inches):	wing Roots ( Soils (C6) (LRR A)  Wetland	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Company of the Company of the	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Linger of Reduced Iron (C4)  Recent Iron Reduction in Tilled Signature of Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  (B8)  No Depth (inches):  No Depth (inches):	wing Roots ( Soils (C6) (LRR A)  Wetland	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Company of the Company of the	Water-Stained Leaves (B9) (excomplex of the MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Linger of Reduced Iron (C4)  Recent Iron Reduction in Tilled Signature of Stunted or Stressed Plants (D1)  B7)  Other (Explain in Remarks)  (B8)  No Depth (inches):  No Depth (inches):	wing Roots ( Soils (C6) (LRR A)  Wetland	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  (C3)

WEILAND DETERMINATION D	ATA FORM - Western Mot	intains, valleys, and coast itegion
Project/Site: West Bort Light	S.P. City/County: W2:	Strort Sampling Date: 4-1-21
Applicant/Owner: State Patr		State: WA Sampling Point: SP-A18
Investigator(s): P. Hamid	Section, Township, Ra	ange:
Landform (hillslope, terrace, etc.):	Ne5 Local relief (concave,	convex, none): Convex Slope (%): 4
Subregion (LRR): A	Lat:	Long: Datum:
Soil Map Unit Name: DUNC Land		NWI classification: Pland
Are climatic / hydrologic conditions on the site typical for the	his time of year? Yes _ X No _	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly disturbed? Are	"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology	naturally problematic? (If no	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing sampling point l	locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No Is the Sample	4 Area
Hydric Soil Present? Yes	140	
Wetland Hydrology Present? Yes	No K	
11.0305 111 119		u .
Upland at East end o	e Translet #	7
VEGETATION - Use scientific names of pla		
Tree Stratum (Plot size: 30	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:  Number of Dominant Species
1. Pinus contexta		That Are OBL, FACW, or FAC:(A)
2.		Total Number of Dominant
3		Species Across All Strata: (B)
4		Percent of Dominant Species 70
Sapling/Shrub Stratum (Plot size: 15"		That Are OBL, FACW, or FAC:
1. Cystisus scoparius	35 y WPL	Prevalence Index worksheet:
2. Vaccinium ouatum	5 FACL	
3. Morelly californica		FACW species x 2 =
4		FAC species x3 =
5		FACU species x 4 =
Herb Stratum (Plot size:)	= Total Cover	UPL species x 5 =
1. Holeus langtus	5 Y FAC	Column Totals: (A) (B)
2 Hyochaeris radicata	Z FACU	Prevalence Index = B/A =
3. Caren obnoptes	10 Y 0BL	Hydrophytic Vegetation Indicators:
4		1 - Rapid Test for Hydrophytic Vegetation
5		
6		3 - Prevalence Index is ≤3.0¹
7		4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
8		5 - Wetland Non-Vascular Plants <sup>1</sup>
9		Problematic Hydrophytic Vegetation¹ (Explain)
10		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
15-1	= Total Cover	be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 15		
1		Hydrophytic Vegetation
2	= Total Cover	Present? Yes No No
% Bare Ground in Herb Stratum	= Total Cover	
Remarks:		

Sampling Point: 5P-A18

Depth	Matrix		Redox	Feature:		. 2		
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc <sup>2</sup>	Texture	Remarks
1-0	2 . 2						Litter_	
0.4	2,544/2	100				_	FSL_	
9-18	2,544/2	95	2,54 4/4	_5_	_C_	_M	FSL_	A
							10.00	the state of the state of the state of
								N. S. T. Thomas (1971), 33
			F					
¹Type: C=Co	ncentration D=Depl	letion RM=	Reduced Matrix, CS	=Covered	d or Coate	d Sand Gr	ains <sup>2</sup> l ocatio	n: PL=Pore Lining, M=Matrix.
Hydric Soil I	ndicators: (Applica	able to all I	LRRs, unless other	wise not	ed.)	u Sanu Gr		or Problematic Hydric Soils <sup>3</sup> :
Histosol			Sandy Redox (S					ıck (A10)
	ipedon (A2)		Stripped Matrix	337				ent Material (TF2)
Black His		3	Loamy Mucky M	lineral (F	1) (except	MLRA 1)		allow Dark Surface (TF12)
	n Sulfide (A4)		Loamy Gleyed N		2)		Other (E	xplain in Remarks)
	Below Dark Surface	e (A11)	Depleted Matrix					
	rk Surface (A12)		Redox Dark Sur	17 2270				f hydrophytic vegetation and
	ucky Mineral (S1) leyed Matrix (S4)	10	Depleted Dark S		7)			ydrology must be present,
	ayer (if present):		Redox Depressi	ons (F8)			unless dis	turbed or problematic.
Type:	ayor (ii procenty.							
Depth (inc							Hydric Soil Pres	sent? Yes No 💢
Remarks:							THE CONTRACTOR AND ADDRESS	
VDDOL O	ov							
Wetland Hyd	Irology Indicators:							
Wetland Hyd Primary Indica	Irology Indicators: ators (minimum of o		i; check all that apply		(20)		1	/ Indicators (2 or more required)
Wetland Hyd Primary Indica Surface V	Irology Indicators: ators (minimum of o Water (A1)		Water-Stair	ned Leav		xcept	₩ Water	-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hyd Primary Indica Surface V High Wat	Irology Indicators: ators (minimum of o Water (A1) ter Table (A2)		Water-Stair	ned Leav		xcept	₩ Water	-Stained Leaves (B9) (MLRA 1, 2, , and 4B)
Wetland Hyd Primary Indica Surface N High Wat 会 Saturatio	Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) n (A3)		Water-Stair MLRA 1 Salt Crust (	ned Leav I <b>, 2, 4A,</b> a (B11)	and 4B)	xcept	Water  4A  Draina	-Stained Leaves (B9) (MLRA 1, 2, , and 4B) age Patterns (B10)
Wetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma	Irology Indicators: ators (minimum of o Water (A1) ter Table (A2) n (A3) arks (B1)		Water-Stain MLRA 1 Salt Crust ( Aquatic Inv	ned Leave I, <b>2, 4A,</b> a (B11) rertebrate	and 4B) s (B13)	xcept	Water  4A  Draina Dry-Si	-Stained Leaves (B9) (MLRA 1, 2, and 4B) age Patterns (B10) eason Water Table (C2)
Wetland Hyd Primary Indica Surface N High Wat Saturatio Water Ma Sediment	Irology Indicators: ators (minimum of o Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2)		Water-Stain MLRA 1 Salt Crust ( Aquatic Inv	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Od	and 4B) s (B13) dor (C1)		Water  4A  Draina Dry-S Satura	-Stained Leaves (B9) (MLRA 1, 2, , and 4B) age Patterns (B10) eason Water Table (C2) ation Visible on Aerial Imagery (C9)
Wetland Hyd Primary Indica Surface N High Wat Saturatio Water Ma Sediment Drift Depo	Irology Indicators: ators (minimum of o Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3)		Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Od hizosphe	s (B13) dor (C1) res along	Living Root	Water  4A  Draina  Dry-Si  Satura  ts (C3)	-Stained Leaves (B9) (MLRA 1, 2, , and 4B) age Patterns (B10) eason Water Table (C2) ation Visible on Aerial Imagery (C9) orphic Position (D2)
Wetland Hyd Primary Indic Surface N High Wat Saturatio Water Ma Sediment Drift Dep	Irology Indicators: ators (minimum of o Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4)		Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Od hizosphe of Reduce	s (B13) dor (C1) res along ed Iron (C4	Living Root	Water  4A  Draina  Dry-Si  Satura  ts (C3)  Shallo	-Stained Leaves (B9) (MLRA 1, 2, and 4B) age Patterns (B10) eason Water Table (C2) ation Visible on Aerial Imagery (C9) orphic Position (D2) w Aquitard (D3)
Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Dep Algal Mat	Irology Indicators: ators (minimum of o Vater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5)		Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of Recent Iror	ned Leave I, 2, 4A, a (B11) Pertebrate Sulfide Od hizosphe of Reduce n Reduction	s (B13) dor (C1) res along d Iron (C4 on in Tilled	Living Roof	## Water  ## AA    Draina     Dry-Si     Satura     Stallo     Shallo     FAC-t	-Stained Leaves (B9) (MLRA 1, 2, and 4B) age Patterns (B10) eason Water Table (C2) ation Visible on Aerial Imagery (C9) orphic Position (D2) w Aquitard (D3) Neutral Test (D5)
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Wetland Hyd Primary Indica Surface N High Wat Saturatio Water Ma Sediment Drift Dep Algal Mat Iron Depo Surface S Inundatio	Irology Indicators: ators (minimum of o Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) Soil Cracks (B6) on Visible on Aerial In	ne required	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of  Recent Iror  Stunted or  Other (Exp	ned Leave I, 2, 4A, a (B11) rertebrate Sulfide Od hizosphe of Reduce n Reducti Stressed	s (B13) dor (C1) res along d Iron (C4 on in Tilled	Living Roof ) d Soils (C6)	# Water  # AA    Draina     Dry-Si     Satura     Shallo     FAC-I     Raise	-Stained Leaves (B9) (MLRA 1, 2, and 4B) age Patterns (B10) eason Water Table (C2) ation Visible on Aerial Imagery (C9) orphic Position (D2) w Aquitard (D3) Neutral Test (D5)
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Wetland Hyd Primary Indic Surface N High Wat Saturatio Water Ma Sediment Drift Dep Algal Mat Iron Depo Surface S Inundatio Sparsely Field Observ Surface Water Water Table If Saturation Pro (includes cap	Irology Indicators: ators (minimum of o Nater (A1) ter Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3) t or Crust (B4) osits (B5) Soil Cracks (B6) on Visible on Aerial In Vegetated Concave vations: er Present? Present? Ye esent? Ye esent? Ye esent? Ye esent?	magery (B7	Water-Stain  MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of  Recent Iror  Stunted or  Other (Expl	ned Leaving 1, 2, 4A, a (B11) rertebrate Sulfide Oo hizosphe of Reduce on Reducting Stressed lain in Rehes):	s (B13) dor (C1) res along ed Iron (C4 on in Tilled Plants (D marks)	Living Roof Soils (C6) (CRR A)  Wetla	Water  4A  Draina  Dry-Si  Satura  ts (C3) Geom  Shallo  FAC-I  Raise  Frost-	-Stained Leaves (B9) (MLRA 1, 2, and 4B) age Patterns (B10) eason Water Table (C2) ation Visible on Aerial Imagery (C9) orphic Position (D2) w Aquitard (D3) Neutral Test (D5) d Ant Mounds (D6) (LRR A) Heave Hummocks (D7)
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### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region West Port Light S, P. city/County: West Port \_\_ sampling Date: 4-1-21 Sampling Point: 5 Applicant/Owner: State Paris Investigator(s): Y. Hamidi Section, Township, Range: \_\_\_\_ Landform (hillslope, terrace, etc.): Interdunal Local relief (concave, convex, none): Concar Slope (%) Subregion (LRR): Long: Soil Map Unit Name: Vacuing NWI classification: \_ Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes \_> Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? within a Wetland? Wetland Hydrology Present? Remarks: Photos 980-983 wetland A IN translet #5 VEGETATION – Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30 % Cover Species? Status Number of Dominant Species 1. DINUS contoxtes 10 Y FAC That Are OBL, FACW, or FAC: **Total Number of Dominant** Species Across All Strata: Percent of Dominant Species 10 = Total Cover Sapling/Shrub Stratum (Plot size: 15 That Are OBL, FACW, or FAC: Prevalence Index worksheet: 1. Salik mookerlang Total % Cover of: Multiply by: 2 movella Colifornica OBL species \_\_\_\_\_ x 1 = \_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_\_\_ FACU species \_\_\_\_\_ x 4 = \_\_\_\_ 40 = Total Cover \_\_\_\_ x5=\_\_ Herb Stratum (Plot size: \_ 1. Carex Obnupte Column Totals: Prevalence Index = B/A = Hydrophytic Vegetation Indicators: \_ 1 - Rapid Test for Hydrophytic Vegetation X 2 - Dominance Test is >50% \_\_ 3 - Prevalence Index is ≤3.01 \_\_\_ 4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants<sup>1</sup> Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 66 = Total Cover Woody Vine Stratum (Plot size: 1. Hydrophytic Vegetation Yes X No \_\_\_\_ Present? = Total Cover

Remarks:

% Bare Ground in Herb Stratum

Sampling Point: SPA 19

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grathydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grathydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Sandy Redox (S5)  Histic Epipedon (A2) Stripped Matrix (S6)  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 Mucky Mineral (S1) Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present):  Type:  Depth (inches):  Remarks: Splink	ains.  2 Location: PL=Pore Lining, M=Matrix.  Indicators for Problematic Hydric Soils3:  2 cm Muck (A10)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Graphy (CS) (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)	ains.   2Location: PL=Pore Lining, M=Matrix.  Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
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ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Sandy Redox (S5)  Histic Epipedon (A2) Stripped Matrix (S6)  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 Mucky Mineral (S1) Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4) Redox Depressions (F8)  estrictive Layer (if present):  Type:  Depth (inches):  Remarks:  Spil Pif Under Water  YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Saturation (A3) Salt Crust (B11)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Sandy Redox (S5)  Histic Epipedon (A2) Stripped Matrix (S6)  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 Mucky Mineral (S1) Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Setrictive Layer (if present):  Type:  Depth (inches):  Remarks:  Spil Pit Undo Water  YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Saturation (A3) Salt Crust (B11)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Algoric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Sandy Redox (S5)  Histic Epipedon (A2) Stripped Matrix (S6)  Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1)  Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Depleted Matrix (F2)  Sandy Mucky Mineral (S1) Depleted Dark Surface (F6)  Sandy Mucky Mineral (S1) Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present):  Type: Depth (inches): Depleted Dark Surface (F8)  Remarks: Spil Pit Under Water  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Saturation (A3) Saturation (B11)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Algoric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1) Sandy Redox (S5)  Histic Epipedon (A2) Stripped Matrix (S6)  Black Histic (A3) Loamy Mucky Mineral (F1) (except MLRA 1)  Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Depleted Matrix (F2)  Sandy Mucky Mineral (S1) Depleted Dark Surface (F6)  Sandy Mucky Mineral (S1) Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present):  Type: Depth (inches): Depleted Dark Surface (F8)  Remarks: Spil Pit Under Water  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Saturation (A3) Saturation (B11)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Algoric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)  Histosol (A1)	Indicators for Problematic Hydric Soils <sup>3</sup> :  2 cm Muck (A10)  Red Parent Material (TF2)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histosol (A1) Sandy Redox (S5)  Histic Epipedon (A2) Stripped Matrix (S6)  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 Mucky Mineral (S1) Depleted Dark Surface (F7)  Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present):  Type: Depth (inches): Remarks:  Spli	2 cm Muck (A10) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Mucky Mineral (S1)  Sandy Gleyed Matrix (S4)  Redox Dark Surface (F5)  Depleted Dark Surface (F7)  Redox Depressions (F8)  Restrictive Layer (if present):  Type:  Depth (inches):  Remarks:  Spil Pit Under Water  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  Hydrogen Sulfide (A4)  Loamy Mucky Mineral (F1) (except MLRA 1)  Loamy Gleyed Matrix (F2)  Depleted Matrix (F3)  Redox Dark Surface (F6)  Depleted Dark Surface (F7)  Redox Depressions (F8)  Remarks:  Spil Pit Under Water  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Saturation (A3)  Saturation (B11)	Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
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 Mucky Mineral (S1) Depleted Dark Surface (F7)  Redox Depressions (F8)  Restrictive Layer (if present):  Type: Depth (inches): Remarks:  Spll Pit Under Water  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1)  High Water Table (A2) MLRA 1, 2, 4A, and 4B)  Saturation (A3) Salt Crust (B11)	Very Shallow Dark Surface (TF12) Other (Explain in Remarks)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Redox Depressions (F8)  Restrictive Layer (if present): Type: Depth (inches):  Remarks: Spil Pit Under Water  Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Salt Crust (B11)  Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Matrix (F2) Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Matrix (F2) Depleted Matrix (F3)  Loamy Gleyed Matrix (F2) Depleted Matrix (F3)  Loamy Gleyed Matrix (F3)  Loamy Gleyed Matrix (F3)  Redox Dark Surface (F6) Depleted Matrix (F3)  Loamy Gleyed Matrix (F3)  Loamy Gleyed Matrix (F3)  Loamy Gleyed Matrix (F3)  Redox Dark Surface (F6) Depleted Matrix (F3)  Redox Dark Surface (F6)  Pepleted Matrix (F3)  Loamy Gleyed Matrix (F3)  Redox Dark Surface (F6)  Pepleted Matrix (F3)  Loamy Gleyed Matrix (F3)  Redox Dark Surface (F6)  Redox Dark Surface (F7)  Redox Dark Surface (F6)  Red	<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
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):  Type: Depth (inches):  Type: Depth (inches):  Proposition of the present of the pre	wetland hydrology must be present, unless disturbed or problematic.
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present): Depth (inches):  Remarks: Spll Pit Undow Water High Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	wetland hydrology must be present, unless disturbed or problematic.
Sandy Gleyed Matrix (S4) Redox Depressions (F8)  Restrictive Layer (if present):  Type: Depth (inches):  Remarks:  Spil pit under water  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2) MLRA 1, 2, 4A, and 4B)  Saturation (A3) Salt Crust (B11)	unless disturbed or problematic.
Restrictive Layer (if present):  Type: Depth (inches):  Remarks:  Spll Pit Under Water  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) Water-Stained Leaves (B9) (except High Water Table (A2) MLRA 1, 2, 4A, and 4B)  Saturation (A3) Salt Crust (B11)	
Type:	Hydric Soil Present? Yes No
Depth (inches):	Hydric Soil Present? Yes No
Remarks:  Sp? Prt v.r.do Waster  H25 odor  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Salt Crust (B11)	Tryunc don Present Pres No
Spil Pit Under Water  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Saturation (A3)  Salt Crust (B11)	
★ Surface Water (A1)       Water-Stained Leaves (B9) (except         ★ High Water Table (A2)       MLRA 1, 2, 4A, and 4B)         ★ Saturation (A3)       Salt Crust (B11)	
XHigh Water Table (A2)MLRA 1, 2, 4A, and 4B)Saturation (A3) Salt Crust (B11)	Secondary Indicators (2 or more required)
★ Saturation (A3) Salt Crust (B11)	✓ Water-Stained Leaves (B9) (MLRA 1, 2,
	4A, and 4B)
Water Marks (R1)  Aquatic Invertebrates (R12)	Drainage Patterns (B10)
(I - 트리스트 전 시간 전 시	Dry-Season Water Table (C2)
Sediment Deposits (B2)  Hydrogen Sulfide Odor (C1)	Saturation Visible on Aerial Imagery (CS
Drift Deposits (B3) Oxidized Rhizospheres along Living Roots	
Algal Mat or Crust (B4) Presence of Reduced Iron (C4)	Shallow Aquitard (D3)
Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A)	
	Raised Ant Mounds (D6) (LRR A)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)  Sparsely Vegetated Concave Surface (B8)	Frost-Heave Hummocks (D7)
Field Observations:	
Surface Water Present? Yes 🖈 No Depth (inches):8	
Water Table Present? Yes 1 No Depth (inches): らいがんと	
	nd Hydrology Present? Yes V No
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if	available:
Remarks:	

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: WestPort Light S.P., City/County: WestPort Sampling Date: 4-1-21

Applicant/Owner: State: WA Sampling Point: SP-AZO P. Hamidi Section, Township, Range: \_\_\_ Investigator(s): Landform (hillslope, terrace, etc.): Interdunal Local relief (concave, convex, none): Concave Slope (%): 2 Lat: \_\_\_\_\_\_ Long: \_\_\_\_\_ Subregion (LRR): NWI classification: UPland Soil Map Unit Name: YGQUING Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_\_\_\_\_ (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes \_\_\_\_\_ No \_\_\_\_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No Is the Sampled Area Hydric Soil Present?

Wetland Hydrology Present?

Yes No 🗡 Yes \_\_\_\_ No \_\_\_\_ within a Wetland? Remarks: Photos 984-987 UPland in Transect \$5 VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30' Tree Stratum (Plot size: 30') % Cover Species? Status

1. Pinus Contorts 80 Y FAC Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species = Total Cover Sapling/Shrub Stratum (Plot size: 15' (A/B) That Are OBL, FACW, or FAC: Prevalence Index worksheet: 1. Vaccinium ovatum Total % Cover of: Multiply by: 2. Morella Calitornica OBL species \_\_\_\_\_ x 1 = \_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_\_ FACU species \_\_\_\_\_ x 4 = \_\_\_\_\_ 18 = Total Cover Herb Stratum (Plot size: 5' UPL species \_\_\_\_\_ x 5 = \_\_\_\_ 1. Carex obnupts Column Totals: \_\_\_\_\_ (A) \_\_\_\_ (B) Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** \_ 1 - Rapid Test for Hydrophytic Vegetation \_\_\_\_\_\_\_2 - Dominance Test is >50% \_\_ 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. = Total Cover Woody Vine Stratum (Plot size: 15 Hydrophytic Vegetation Present? O = Total Cover % Bare Ground in Herb Stratum Remarks: MOSS 868

Sampling Point: SP-AZO

Profile Description: (Describe to the dep	oth needed to document the indicator or confin	in the absence of mulcators.
DepthMatrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture Remarks
5-0		Litter
0-4 2,54 4/2,5 100		LFS
4-10 2,54 411,5		LFS
	2,544/3 2 C M	1 20
10-18 2,54 4/2 48	C134 715 E C 101	<u> </u>
		The second secon
1T		
Type: C=Concentration, D=Depletion, RM	=Reduced Matrix, CS=Covered or Coated Sand G	
Hydric Soil Indicators: (Applicable to all		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Redox (S5)	2 cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)	Red Parent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F1) (except MLRA 1	
Hydrogen Sulfide (A4)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
<ul><li>Depleted Below Dark Surface (A11)</li><li>Thick Dark Surface (A12)</li></ul>	Depleted Matrix (F3)	31-41-4
Sandy Mucky Mineral (S1)	Redox Dark Surface (F6)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Midcky Milleral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark Surface (F7)     Redox Depressions (F8)	wetland hydrology must be present,
Restrictive Layer (if present):	Redox Depressions (Fo)	unless disturbed or problematic.
Type:		
Depth (inches):		Hydric Soil Present? Yes No K
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one require	ed; check all that apply)	Secondary Indicators (2 or more required)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require	VUIDOS NA TITOLOGO DE TRANSPORTO DE TRANSPORTOS DE TRANSPORTOS.	Secondary Indicators (2 or more required) Water Stained Leaves (RO) (MLRA 1.2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)	Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	<ul><li>Water-Stained Leaves (B9) (except</li><li>MLRA 1, 2, 4A, and 4B)</li><li>Salt Crust (B11)</li></ul>	<ul><li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li><li>Drainage Patterns (B10)</li></ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	<ul> <li>Water-Stained Leaves (B9) (except</li> <li>MLRA 1, 2, 4A, and 4B)</li> <li>Salt Crust (B11)</li> <li>Aquatic Invertebrates (B13)</li> </ul>	<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> </ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	<ul> <li>Water-Stained Leaves (B9) (except</li> <li>MLRA 1, 2, 4A, and 4B)</li> <li>Salt Crust (B11)</li> <li>Aquatic Invertebrates (B13)</li> <li>Hydrogen Sulfide Odor (C1)</li> </ul>	<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> <li>Saturation Visible on Aerial Imagery (C9)</li> </ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Ro	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) ots (C3) Geomorphic Position (D2)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Ro Presence of Reduced Iron (C4)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Ro Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR A)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4)  Other (Explain in Remarks)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4)  Other (Explain in Remarks)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Back)  Sparsely Vegetated Concave Surface (Bill Concave Surface)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4)  Other (Explain in Remarks)  (B8)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Back)  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4)  Other (Explain in Remarks)  No  Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Back Sparsely Vegetated Concave Surface Field Observations:  Surface Water Present?  Water Table Present?  Yes	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR A  Other (Explain in Remarks)  No Depth (inches):  Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9) ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  [includes capillary fringe)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR A  Other (Explain in Remarks)  No Depth (inches):  Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  A)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  [includes capillary fringe)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4  Other (Explain in Remarks)  No  Depth (inches):  No  Depth (inches):  Wet	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  ots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  A)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (E  Sparsely Vegetated Concave Surface (E)  Field Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  (includes capillary fringe)  Describe Recorded Data (stream gauge, medical contents)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4  Other (Explain in Remarks)  No  Depth (inches):  No  Depth (inches):  Wet	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) ots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) 6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  [includes capillary fringe)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4  Other (Explain in Remarks)  No  Depth (inches):  No  Depth (inches):  Wet	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) ots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) 6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (E  Sparsely Vegetated Concave Surface (E)  Field Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  (includes capillary fringe)  Describe Recorded Data (stream gauge, medical contents)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4  Other (Explain in Remarks)  No  Depth (inches):  No  Depth (inches):  Wet	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) ots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) 6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (E  Sparsely Vegetated Concave Surface (E)  Field Observations:  Surface Water Present? Yes  Water Table Present? Yes  Saturation Present? Yes  (includes capillary fringe)  Describe Recorded Data (stream gauge, medical contents)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Ro  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C  Stunted or Stressed Plants (D1) (LRR 4  Other (Explain in Remarks)  No  Depth (inches):  No  Depth (inches):  Wet	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) ots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) 6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

# WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: WestPort light:	CD. an	County West	t Part	Sampling Date: 4	1-5-51
Project/Site: WEST Project/Site:	City	//County.	State: WA	Sampling Point:	15 A-92
Applicant/Owner: Starte Part?				_ camping rountc	3/ // -[_
Investigator(s):	Se	ction, Township, Rar	nge:	eavle stars	1012 19672
Landform (hillslope, terrace, etc.): Introduced	Lo	cal relief (concave, o	convex, none):	Slope	(%): 200
Subregion (LRR):	Lat:		Long:	Datum:	
Soil Map Unit Name: DONZ Land			NWI classifi	cation: TFOC	
Are climatic / hydrologic conditions on the site typical for the	nis time of year?	Yes X No _	(If no, explain in F	Remarks.)	
Are Vegetation, Soil, or Hydrology	significantly dis	urbed? Are "	Normal Circumstances"	present? Yes 🔍	_ No
Are Vegetation, Soil, or Hydrology	naturally proble	matic? (If ne	eded, explain any answ	ers in Remarks.)	
SUMMARY OF FINDINGS - Attach site map			ocations, transects	s, important feat	ures, etc.
Hydrophytic Vegetation Present? Yes _☆	No				
	No	Is the Sampled	1	(_ No	
Wetland Hydrology Present? YesX	No	within a Wetlan	id? Tes		
Remarks: Photos 02-65					
west edge of weller	1 000	Sic A			
		BC) - / 1			
VEGETATION – Use scientific names of pla				l-shaati	
Tree Stratum (Plot size: 35')		ominant Indicator oecies? Status	Dominance Test work  Number of Dominant S		6-
1. Picea Stehen ST3	20	1 FAC	That Are OBL, FACW,	or FAC:	(A)
2. PINUS contoxts	40	Y FAC	Total Number of Domi		
3. morella Catifornica		Franklik Mr	Species Across All Str		(B)
4.			Percent of Dominant S	Species	المراز وط
1=1	<u> 100 =                                 </u>	Total Cover	Tha! Are OBL, FACW,		(NB)
Sapling/Shrub Stratum (Plot size: 15	20	1 FACW	Prevalence Index wo	rksheet:	
1. Morella Calitornica 2. Vaccinium ougtum		FACU	Total % Cover of:	Multiply b	y:
	-	1770	OBL species		
3			FACW species		
5.			FAC species		
	21 =	Fotal Cover	FACU species		- /
Herb Stratum (Plot size:	ai-	1 001	UPL species		
1. Carex obnuots	<u> 95</u> _	y OBL	Column Totals:	(A)	— (B)
2. Polystichum nuvitum		FACU	Prevalence Index		97
3			Hydrophytic Vegetati		
4			1 - Rapid Test for		on
5			½2 - Dominance Te		
6			3 - Prevalence Ind		
7			4 - Morphological . data in Remark	Adaptations <sup>1</sup> (Provide	esupporting leet)
8			5 - Wetland Non-V		.
9			Problematic Hydro	phytic Vegetation <sup>1</sup> (E	xplain)
			<sup>1</sup> Indicators of hydric so		
1-1		otal Cover	be present, unless dist	urbed or problematic.	
Woody Vine Stratum (Plot size: 15					
1. Rubus armeniacus		<u>FAC</u>	Hydrophytic	12	1
2			Vegetation Present? Ye	s & No	
% Bare Ground in Herb Stratum	<u>2_</u> =T	otal Cover			
Remarks:			<del>-</del>		
**************************************					

-	-	
	rı	

Sampling Point: SP-A21

	epth needed to document the indicator or co	minim the absen	
Depth Matrix (inches) Color (moist) %	Redox Features Color (moist) % Type <sup>1</sup> Lo	c <sup>2</sup> Texture	Remarks
Gold (moist) 70	70 1750 20		Kemarks
0-4 7544/1 98	2544/3 Z C M	LFS	
4-16 2,54 4/1 80	104R 4/3,4/4 20 C N	LAS	
			July and the
	· <del></del>		<del></del>
	The state of the s		
Type: C=Concentration, D=Depletion, RI	M=Reduced Matrix, CS=Covered or Coated Sa	nd Grains. <sup>2</sup> I	Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to a	II LRRs, unless otherwise noted.)		ators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	★ Sandy Redox (S5)	2	cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)		ed Parent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F1) (except MLF		ery Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	Loamy Gleyed Matrix (F2)		ther (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)		
Thick Dark Surface (A12)	Redox Dark Surface (F6)	<sup>3</sup> Indica	ators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)		tland hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	un	ess disturbed or problematic.
Restrictive Layer (if present):			
Type:			
			oil Present? Yes X No
		Hydric So	Tes 74 No
Remarks:		Hydric So	on Present? Tes 74 No
Remarks:  IYDROLOGY  Wetland Hydrology Indicators:	red; check all that apply)		
Remarks:  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi		Sec	condary Indicators (2 or more required)
Primary Indicators (minimum of one requi	Water-Stained Leaves (B9) (excep	Sec	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi  Surface Water (A1)  High Water Table (A2)	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)	Sec	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	<ul><li>Water-Stained Leaves (B9) (excep</li><li>MLRA 1, 2, 4A, and 4B)</li><li>Salt Crust (B11)</li></ul>	Sec	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
Primary Indicators (minimum of one requing Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	<ul> <li>Water-Stained Leaves (B9) (excep</li> <li>MLRA 1, 2, 4A, and 4B)</li> <li>Salt Crust (B11)</li> <li>Aquatic Invertebrates (B13)</li> </ul>	Sec	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  X Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	<ul> <li>Water-Stained Leaves (B9) (excep</li> <li>MLRA 1, 2, 4A, and 4B)</li> <li>Salt Crust (B11)</li> <li>Aquatic Invertebrates (B13)</li> <li>Hydrogen Sulfide Odor (C1)</li> </ul>	<u>Sec</u>	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9
Wetland Hydrology Indicators: Primary Indicators (minimum of one requiing Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living	<u>Sec</u>	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9 Geomorphic Position (D2)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requi Surface Water (A1) High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)	Sect The second	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9 Geomorphic Position (D2) Shallow Aquitard (D3)
Remarks:  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi  Surface Water (A1) High Water Table (A2)  X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil	g Roots (C3)	Condary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Remarks:  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li	g Roots (C3)	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li	g Roots (C3)	Condary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Primary Indicators (minimum of one requirement) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (Sparsely Vegetated Concave Surface	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li	g Roots (C3)	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
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Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi  Surface Water (A1) High Water Table (A2)  Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (Sparsely Vegetated Concave Surface)  Field Observations:	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li  (B7)  Other (Explain in Remarks)  (B8)	g Roots (C3)	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Remarks:  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (Sparsely Vegetated Concave Surface) Field Observations: Surface Water Present?  Water Table Present?  Yes	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li  (B7)  Other (Explain in Remarks)  (B8)  Depth (inches):  Depth (inches):	g Roots (C3) X	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Remarks:  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Barriell Observations:  Surface Water Present?  Water Table Present?  Yes  Water Table Present?  Yes	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li  (B7)  Other (Explain in Remarks)  (B8)  Depth (inches):  Depth (inches):	g Roots (C3) X	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Remarks:  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required in the second in t	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li  (B7)  Other (Explain in Remarks)  (B8)  Depth (inches):  Depth (inches):	g Roots (C3) X Is (C6) X RR A)	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Barriell Observations:  Surface Water Present?  Water Table Present?  Water Table Present?  Yes  Saturation Present?  Yes  Gincludes capillary fringe)  Describe Recorded Data (stream gauge, 1975)	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li  (B7)  Other (Explain in Remarks)  (B8)  No Depth (inches):  No Depth (inches):	g Roots (C3) X Is (C6) X RR A)	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Remarks:  IYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required in the second in t	Water-Stained Leaves (B9) (excep MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soil  Stunted or Stressed Plants (D1) (Li  (B7)  Other (Explain in Remarks)  (B8)  No Depth (inches):  No Depth (inches):	g Roots (C3) X Is (C6) X RR A)	Condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
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## WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Westport Light	S P	Siturcamente 4/0	st Part so	moling Date: 4/2/2/
Applicant/Owner: 45tate Parks	(	City/County.	State: State: Sa	mpling Date. 7 27
Investigator(s): B. Fletcher; P. L	lanidi	Sastian Tournship Da	State Sa	inpling Point.
		, 1000		_
Landform (hillslope, terrace, etc.): <u>DU n e</u>				
	Lat:		_ Long:	
Soil Map Unit Name: Dune land			NWI classification	
Are climatic / hydrologic conditions on the site typical				1/
Are Vegetation, Soil, or Hydrology _	significantly	disturbed? N Are	"Normal Circumstances" prese	ent? Yes X No
Are Vegetation, Soil, or Hydrology	naturally pro	blematic? // (If ne	eeded, explain any answers in	Remarks.)
SUMMARY OF FINDINGS - Attach site	map showing	sampling point I	ocations, transects, in	portant features, etc.
Hydrophytic Vegetation Present? Yes	No X			
The state of the s	No _X	Is the Sampled		No.
Wetland Hydrology Present? Yes	No _X	within a Wetlan	nur Tes	110 27
Remarks:				
Photos 06-08				
VEGETATION – Use scientific names o			No. 1 (1) All and a second	
Tree Stratum (Plot size: 30-)	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test workshe	
1. Pinus conterta	Management of the Association of	Y FAC	Number of Dominant Specie That Are OBL, FACW, or FA	
2.				1,
3			Total Number of Dominant Species Across All Strata:	(B)
4.				
15-	10	= Total Cover	Percent of Dominant Species That Are OBL, FACW, or FA	
Sapling/Shrub Stratum (Plot size:	30	X NOL	Prevalence Index workshe	et:
1. Cytisus scoparios 2. Vaccinium ovatum		FACY	Total % Cover of:	Multiply by:
3. Faultheir shalon		FACO	OBL species	_ x1= <u>30</u>
4.			FACW species	
5.		J	FAC species	x3= 30
	36	= Total Cover	FACU species 76	_ x4= 304
Herb Stratum (Plot size:)		· · · · ·	UPL species 30	$x^{5} = \frac{150}{514}$
1. Polystichum munitum	30	FACU	Column Totals: 146	(A) <u>917</u> (B)
2. Carex obnupta	- 50	X ORL	Prevalence Index = B	A= 3,52
3. Amnophila arenaria	60	X FACU	Hydrophytic Vegetation In	
4	<del></del>		1 - Rapid Test for Hydro	
5			2 - Dominance Test is >	ar and a second
6			3 - Prevalence Index is	
7			4 - Morphological Adap	tations' (Provide supporting on a separate sheet)
8			5 - Wetland Non-Vascu	
9			Problematic Hydrophyti	c Vegetation1 (Explain)
10			<sup>1</sup> Indicators of hydric soil and	wetland hydrology must
	100	= Total Cover	be present, unless disturbed	or problematic.
Woody Vine Stratum (Plot size: 5		* (*)		
1.			Hydrophytic	
2. /V A			Vegetation Present? Yes	No X
% Bare Ground in Horh Stratum		= Total Cover		
% Bare Ground in Herb Stratum				

-	-		6
C	n		
	u	ш	_

Sampling Point: 422

Profile Description: (Describ	o to the dopt		x Features				
Depth Matrix (inches) Color (moist)	%	Color (moist)		_Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
2-2 2.5 Y 3/2	100					Sand	
1-18 2 TYY/	100		**************************************			Sal	
2-10 0.31 170	100					-974	
				-			
1. Jan 1. Jan 1. Jan 1.							
	1 7 7						
			-				
		-14					
مستؤخلت فتنسب				_			
Type: C=Concentration, D=De					d Sand Gra	ains. <sup>2</sup> Lo	cation: PL=Pore Lining, M=Matrix.
lydric Soil Indicators: (Appl	icable to all	LRRs, unless othe	rwise not	ed.)			ors for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		Sandy Redox (					n Muck (A10)
Histic Epipedon (A2)		Stripped Matrix					Parent Material (TF2)
Black Histic (A3)		Loamy Mucky			MLRA 1)		y Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)		Loamy Gleyed		2)		Oth	er (Explain in Remarks)
Depleted Below Dark Surfa	ace (A11)	Depleted Matri				3 <sub>Indicate</sub>	ors of hydrophytic vegetation and
Thick Dark Surface (A12)		Redox Dark St					and hydrology must be present,
Sandy Mucky Mineral (S1)		Depleted Dark		-()			ss disturbed or problematic.
Sandy Gleyed Matrix (S4) Restrictive Layer (if present)		Redox Depres	sions (ro)			T	as disturbed of problematio.
							. /
Type:						Hydric Soil	Present? Yes No
Depth (inches):						Hydric 30ii	rriesenti res No -
Remarks:							
YDROLOGY							
Remarks:  IYDROLOGY  Wetland Hydrology Indicato							
YDROLOGY Wetland Hydrology Indicato							ndary Indicators (2 or more required)
YDROLOGY		Water-St	ained Leav		except		Vater-Stained Leaves (B9) (MLRA 1, 2,
IYDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum o		Water-St	ained Leav <b>1, 2, 4A</b> ,		except		Nater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOGY Wetland Hydrology Indicato Primary Indicators (minimum o		Water-St	ained Leav <b>1, 2, 4A</b> ,		except	_ '	Nater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
YDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum of the control o		Water-St MLRA Salt Crus Aquatic II	ained Leav <b>1, 2, 4A,</b> it (B11) nvertebrate	and 4B) es (B13)	except	_ '	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Orainage Patterns (B10) Ory-Season Water Table (C2)
YDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum of the control o		Water-St MLRA Salt Crus Aquatic II	ained Leav <b>1 1, 2, 4A,</b> t (B11)	and 4B) es (B13)	except	_ '	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Orainage Patterns (B10) Ory-Season Water Table (C2)
YDROLOGY  Wetland Hydrology Indicator  Primary Indicators (minimum of the continuous		Water-St MLRA Salt Crus Aquatic II Hydroger	ained Leav A <b>1, 2, 4A,</b> It (B11) Invertebrate In Sulfide C	and 4B) es (B13) odor (C1)		_ \ _ ! _ !	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Orainage Patterns (B10) Ory-Season Water Table (C2)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)		Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized	ained Leav A <b>1, 2, 4A,</b> It (B11) Invertebrate In Sulfide C	and 4B) es (B13) odor (C1) eres along	Living Roo	[ [ [ ]	Nater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Orainage Patterns (B10) Ory-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)		Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence	ained Leav A 1, 2, 4A, It (B11) Invertebrate In Sulfide C Rhizosphe In Reduce	es (B13) dor (C1) eres along ed Iron (C	Living Roo	[ [ [ 5] ots (C3) 6	Nater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9 Geomorphic Position (D2)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)		Water-St MLRA Salt Crus Aquatic li Hydroger Oxidized Presence Recent Ir	ained Leav A 1, 2, 4A, It (B11) Invertebrate In Sulfide O Rhizosphe It of Reduction Reduction	es (B13) odor (C1) eres along ed Iron (C	Living Roo 4)	[ [ [ [ [ [ ]	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9 Geomorphic Position (D2) Shallow Aquitard (D3)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6)	one require	Water-St MLRA Salt Crus Aquatic II Hydroger Oxidized Presence Recent Ir Stunted of	ained Leav A 1, 2, 4A, It (B11) Invertebrate In Sulfide C Rhizosphe In Reduct In Reduct In Stressed	es (B13) odor (C1) eres along ed Iron (C tion in Tille d Plants (E	Living Roo 4) d Soils (C6	- \ \ - \ \ \ - \ \ \ \ \ - \ \ \ \ \ \	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri	of one require	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent Ir  Stunted 0  Other (Ex	ained Leav A 1, 2, 4A, It (B11) Invertebrate In Sulfide C Rhizosphe In Reduct In Reduct In Stressed	es (B13) odor (C1) eres along ed Iron (C tion in Tille d Plants (E	Living Roo 4) d Soils (C6	- \ \ - \ \ \ - \ \ \ \ \ - \ \ \ \ \ \	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri	of one require	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent Ir  Stunted 0  Other (Ex	ained Leav A 1, 2, 4A, It (B11) Invertebrate In Sulfide C Rhizosphe In Reduct In Reduct In Stressed	es (B13) odor (C1) eres along ed Iron (C tion in Tille d Plants (E	Living Roo 4) d Soils (C6	- \ \ - \ \ \ - \ \ \ \ \ - \ \ \ \ \ \	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conc	one require al Imagery (B ave Surface (	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent Ir  Stunted of  Other (Ex	ained Leav A 1, 2, 4A, at (B11) nvertebrate n Sulfide O Rhizosphe e of Reduc- ron Reduct or Stressec xplain in Re	es (B13) bdor (C1) eres along ed Iron (C tion in Tille d Plants (D emarks)	Living Roo 4) ed Soils (C6 01) (LRR A	- \ \ - \ \ \ - \ \ \ \ \ - \ \ \ \ \ \	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conc Field Observations: Surface Water Present?	al Imagery (B ave Surface (	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent Ir  Stunted of  Other (Ex	ained Leav A 1, 2, 4A, it (B11) invertebrate in Sulfide O Rhizosphe e of Reduct on Reduct or Stressed xplain in Re	es (B13) bdor (C1) eres along ed Iron (C tion in Tille d Plants (E emarks)	Living Roo 4) d Soils (C6 01) (LRR A	- \ \ - \ \ \ - \ \ \ \ \ - \ \ \ \ \ \	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conce Field Observations: Surface Water Present? Water Table Present?	al Imagery (Bave Surface (	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent Ir  Stunted 0  Other (External of the company)  No Depth (in the company)	ained Leav A 1, 2, 4A, It (B11) Invertebrate In Sulfide C Rhizosphe In Greduct In Reduct In Stressed	es (B13) bdor (C1) eres along ed Iron (C tion in Tille d Plants (E emarks)	Living Roo 4) d Soils (C6 01) (LRR A	ots (C3) (	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
YDROLOGY  Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conce Field Observations: Surface Water Present? Water Table Present? (Included Compilers (Figure))	al Imagery (Bave Surface ( Yes Yes Yes	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent II  Stunted of  Other (External of the continuous)  No Depth (in No Dep	ained Leav A 1, 2, 4A, it (B11) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct or Stressed explain in Re nches):	es (B13) bdor (C1) eres along ed Iron (C tion in Tille d Plants (E emarks)	Living Roo 4) ed Soils (C6 01) (LRR A	ots (C3) (3) (3) (4) (4) (5) (5) (5) (6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	al Imagery (Bave Surface ( Yes Yes Yes	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent II  Stunted of  Other (External of the continuous)  No Depth (in No Dep	ained Leav A 1, 2, 4A, it (B11) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct or Stressed explain in Re nches):	es (B13) bdor (C1) eres along ed Iron (C tion in Tille d Plants (E emarks)	Living Roo 4) ed Soils (C6 01) (LRR A	ots (C3) (3) (3) (4) (4) (5) (5) (5) (6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
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Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conce Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	al Imagery (Bave Surface ( Yes Yes Yes	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent II  Stunted of  Other (External of the continuous)  No Depth (in No Dep	ained Leav A 1, 2, 4A, it (B11) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct or Stressed explain in Re nches):	es (B13) bdor (C1) eres along ed Iron (C tion in Tille d Plants (E emarks)	Living Roo 4) ed Soils (C6 01) (LRR A	ots (C3) (3) (3) (4) (4) (5) (5) (5) (6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aeri Sparsely Vegetated Conce Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	al Imagery (Bave Surface ( Yes Yes Yes	Water-St.  MLRA  Salt Crus  Aquatic II  Hydroger  Oxidized  Presence  Recent II  Stunted of  Other (External of the continuous)  No Depth (in No Dep	ained Leav A 1, 2, 4A, it (B11) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct or Stressed explain in Re nches):	es (B13) bdor (C1) eres along ed Iron (C tion in Tille d Plants (E emarks)	Living Roo 4) ed Soils (C6 01) (LRR A	ots (C3) (3) (3) (4) (4) (5) (5) (5) (6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

#### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region West Port Light S.P. city/County: West Boff Sampling Date: 4-Z-Z/ Applicant/Owner: State Park \_ Sampling Point: SP. Investigator(s): P. Hamidi Section, Township, Range: Slope (%): Level Landform (hillslope, terrace, etc.): INTUROUSE Local relief (concave, convex, none): Concave Lat: Long: Subregion (LRR): Datum: \_ NWI classification: \_ P Soil Map Unit Name: YaquiNa No \_\_\_\_\_ (If no, explain in Remarks.) Are climatic / hydrologic conditions on the site typical for this time of year? Yes Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? Are "Normal Circumstances" present? Yes 💆 No \_\_\_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? No Is the Sampled Area Hydric Soil Present? √ No within a Wetland? Wetland Hydrology Present? Remarks: Photos 21-24 Wetland along translet # 6 VEGETATION - Use scientific names of plants. **Dominance Test worksheet:** Absolute Dominant Indicator Tree Stratum (Plot size: 30 % Cover Species? Status **Number of Dominant Species** That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: (B) Percent of Dominant Species = Total Cover (A/B) Sapling/Shrub Stratum (Plot size: 15 That Are OBL, FACW, or FAC: Prevalence Index worksheet: 1. Salix hookerlang Total % Cover of: Multiply by: Morella Californica OBL species \_\_\_\_\_ x 1 = \_\_\_\_ FACW species x 2 = \_\_\_\_ \_\_\_\_ x 3 = \_\_\_\_ FAC species FACU species \_\_\_\_\_ x 4 = \_\_\_\_ = Total Cover UPL species \_\_\_\_\_ x 5 = \_\_\_\_ Herb Stratum (Plot size: \_ OBL Column Totals: 1. Carex obnipta 2. Galium Sp. Prevalence Index = B/A = **Hydrophytic Vegetation Indicators:** 1 - Rapid Test for Hydrophytic Vegetation √ 2 - Dominance Test is >50% \_\_ 3 - Prevalence Index is ≤3.0¹ \_\_\_ 4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 36 = Total Cover Woody Vine Stratum (Plot size: \_ **Hydrophytic** Vegetation Yes X No \_\_\_\_\_ Present? \_\_\_\_\_ = Total Cover % Bare Ground in Herb Stratum Remarks:

Sampling Point: SP-AZ3

Profile Description: (Describe to the depth needed to document the indicator Depth Matrix Redox Features		
(inches) Color (moist) % Color (moist) % Type <sup>1</sup>	_Loc <sup>2</sup>	Texture Remarks
0-6+ 54 3/1 100		LFS
		the state of the Marian
		Charles N. Charles St. Control of the
		and the second of the second of
the state of the s		
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coal	ted Sand Grai	ins. <sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5)		2 cm Muck (A10)
Histic Epipedon (A2) Stripped Matrix (S6)		Red Parent Material (TF2)
Black Histic (A3) Loamy Mucky Mineral (F1) (except	ot MLRA 1)	Very Shallow Dark Surface (TF12)
X Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
Depleted Below Dark Surface (A11) Depleted Matrix (F3)		
Thick Dark Surface (A12) Redox Dark Surface (F6)		<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7)		wetland hydrology must be present,
Sandy Gleyed Matrix (S4) Redox Depressions (F8)		unless disturbed or problematic.
Restrictive Layer (if present):  Type:		
Depth (inches):		
Depart (mortes).		Hydric Soil Present? Yes No
Pit wader water		
Pit under water  YDROLOGY		
Pit under water  YDROLOGY  Vetland Hydrology Indicators:		
Pit under water  YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (2 or more required)
Pit und water  YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  _ Surface Water (A1) Water-Stained Leaves (B9) (e	except	
Pit Conder Waters  YDROLOGY  Vetland Hydrology Indicators:  Inimary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  MLRA 1, 2, 4A, and 4B)	except	Secondary Indicators (2 or more required)
Pit Crown Water  Port Crown Wa	except	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2,
Prit Condon Wester  Verland Hydrology Indicators:  Inimary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Mark 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)	except	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Prit cruck water  Vetland Hydrology Indicators:  Verimary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Water Marks (B1)  Sediment Deposits (B2)  Petudocuter  Water Marks  MIRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)		Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9
Prit Cruck Weeter  Vetland Hydrology Indicators:  Vrimary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Weeter Weeter Weeter (A1)  Water Water Ada (B1)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along		Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9
Principal Company  Vetland Hydrology Indicators:  Vimary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Weter Saturation (Catherina Company C	Living Roots (	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 (C3)  Geomorphic Position (D2)
Prince Water (A1)  Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Prince Water (B2)  Saturation (A3)  Water Marks (B3)  Prince Water (B4)  Water Marks (B4)  Sediment Deposits (B3)  Prince Water (A1)  Water Marks (B1)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along	Living Roots (	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)
Principal Control Cont	Living Roots ( 4) d Soils (C6)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Principal Weetzs  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Weter Marks (B1)  Presence of Reduced In Remarks)	Living Roots ( 4) d Soils (C6)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Principal water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)	Living Roots ( 4) d Soils (C6)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Principal Content Cont	Living Roots ( 4) d Soils (C6)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Principal Content would be a series of the content	Living Roots ( 4) d Soils (C6)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Principal works  Primary Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Wetland Hydrogen Sulfide Odor (C1) Drift Deposits (B5) Recent Iron Reduction in Tille Stunted or Stressed Plants (D Other (Explain in Remarks)  Depth (inches):	Living Roots ( 4) d Soils (C6) d) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Vetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  Vater Table Present? Ves No Depth (inches):  Ves And Water Apply)  Water-Stained Leaves (B9) (e MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C- Recent Iron Reduction in Tille Stunted or Stressed Plants (D Other (Explain in Remarks)	Living Roots (4) d Soils (C6) 1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  ield Observations: urface Water Present? Ves No Depth (inches): Surface Soil Crust (Pa) Ves No Depth (inches): Surface Soil Crest? Ves No Depth (inches): Surface Soil Crest? Ves No Depth (inches):	Living Roots (4) d Soils (C6) 1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
YDROLOGY         Wetland Hydrology Indicators:         Primary Indicators (minimum of one required; check all that apply)         Surface Water (A1)       Water-Stained Leaves (B9) (e.g.)         High Water Table (A2)       MLRA 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         Algal Mat or Crust (B4)       Presence of Reduced Iron (C-Iron Deposits (B5)         Surface Soil Cracks (B6)       Stunted or Stressed Plants (D.g.)         Inundation Visible on Aerial Imagery (B7)       Other (Explain in Remarks)         Sparsely Vegetated Concave Surface (B8)         Field Observations:         Furface Water Present?       Yes       No       Depth (inches):       Surface (F)         Vater Table Present?       Yes       No       Depth (inches):       Surface (F)         Vater Table Present?       Yes       No       Depth (inches):       Surface (F)         Vater Table Present?       Yes       No       Depth (inches):       Surface (F)         Vater Table Present?       Yes       No       Depth (inches):       Surface (F)	Living Roots (4) d Soils (C6) 1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)  ield Observations: urface Water Present? Ves No Depth (inches): Surface Soil Crust (Pa) Ves No Depth (inches): Surface Soil Crest? Ves No Depth (inches): Surface Soil Crest? Ves No Depth (inches):	Living Roots (4) d Soils (C6) 1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)	Living Roots (4) d Soils (C6) 1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)

# WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: WestPort Light 5.	City/	County: West	-Port	Sampling Date: 4-2-2(
Applicant/Owner: State Park			State: WA	Sampling Point: SP-A ZY
Investigator(s): P. Hamidi	Sect	ion, Township, Rai	nge:	
Landform (hillslope, terrace, etc.): IN fer dunia		- The Control of the		ex Slope (%): 3
Subregion (LRR):				
Soil Map Unit Name: Yaqu; Va		1 12 1	NWI classifica	tion: UPKING
,	in Alman of			
Are climatic / hydrologic conditions on the site typical for the				
Are Vegetation, Soil, or Hydrology				esent? Yes X No
Are Vegetation, Soil, or Hydrology	naturally problem	natic? (If ne	eded, explain any answers	in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing sai	mpling point le	ocations, transects,	important features, etc.
Hydrophytic Vegetation Present? Yes N	10 X			
Hydric Soil Present? Yes N		Is the Sampled		
Wetland Hydrology Present? Yes N	10 <u>×</u>	within a Wetlar	id? Yes	_ No_ <u>&amp;</u> _
Remarks: Photos 25-27				
upland along transient	#6			
VEGETATION – Use scientific names of plan				
- 21		minant Indicator	Dominance Test works	heet:
Tree Stratum (Plot size: 30')	-7-	ecies? Status	Number of Dominant Spe	
1. Pinus contorts	10	FAC	That Are OBL, FACW, or	FAC: (A)
2.			Total Number of Domina	
3			Species Across All Strata	a: (B)
15'	70 = T	otal Cover	Percent of Dominant Spe That Are OBL, FACW, or	
Sapling/Shrub Stratum (Plot size: 15	31 1	-4.	Prevalence Index works	
1. Gaultheria Shallow 2. Vaccivium Ovatum	25 y	FACU	Total % Cover of:	Multiply by:
3. Movella (a) Hornia	70 y	FACU	OBL species	x1= 15
	16	FACW	FACW species 10	x2= 20
4			FAC species	x3= <u>210</u>
5	55 -	otal Cover	FACU species	2 x4= 180
Herb Stratum (Plot size: 5		otal Covel	UPL species	x 5 =
1. Carex obnupts	15 Y	<u>bbl</u>	Column Totals:	O (A) 425 (B)
2	<u> </u>		Prevalence Index =	B/A = 3.04
3		177 TO 1	Hydrophytic Vegetation	
4		<u>- 1   1   1   1   1   1   1   1   1   1 </u>	1 - Rapid Test for Hy	
5	<u> </u>		2 - Dominance Test	i i i i i i i i i i i i i i i i i i i
6			3 - Prevalence Index	is ≤3.0 <sup>1</sup>
7			4 - Morphological Ad	laptations <sup>1</sup> (Provide supporting
8			The second secon	or on a separate sheet)
9			5 - Wetland Non-Vas	
10				nytic Vegetation <sup>1</sup> (Explain)
11			Indicators of hydric soil a be present, unless distur	and wetland hydrology must
Woody Vine Stratum (Plot size: 15'		otal Cover	p. seem, armood distur	ood of problemation
1			Under the C	
2.			Hydrophytic Vegetation	
A		otal Cover	Present? Yes	No_X_
% Bare Ground in Herb Stratum				
Remarks:	<u> </u>			

_	-	

Sampling Point: SP-AZY

Profile Description: (Describe to the de	ptil needed to document the indicator or com-	in the absence of marcators.)
Depth Matrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type <sup>1</sup> Loc <sup>2</sup>	Texture Remarks
4-0		D.FF
0-8 2,54 4/2 100		LFS
8-18 2,544/15100		LFS
<del></del>		<del></del>
		- and the second
	The second of th	
¹Type: C=Concentration D=Depletion RM	M=Reduced Matrix, CS=Covered or Coated Sand	Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to al		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Redox (S5)	2 cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)	Red Parent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F1) (except MLRA	
Hydrogen Sulfide (A4)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	
Thick Dark Surface (A12)	Redox Dark Surface (F6)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	wetland hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	unless disturbed or problematic.
Restrictive Layer (if present):		
Type:		
Depth (inches):	And the Control of th	Hydric Soil Present? Yes No
HYDROLOGY Wetland Hydrology Indicators:		
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one require	ed; check all that apply)	Secondary Indicators (2 or more required)
Wetland Hydrology Indicators:		Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1. 2.
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require	Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)		Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	<ul><li>Water-Stained Leaves (B9) (MLRA 1, 2,</li><li>4A, and 4B)</li><li>Drainage Patterns (B10)</li></ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2,</li> <li>4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> </ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13)	<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> <li>Saturation Visible on Aerial Imagery (C9)</li> </ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	<ul> <li>Water-Stained Leaves (B9) (except</li> <li>MLRA 1, 2, 4A, and 4B)</li> <li>Salt Crust (B11)</li> <li>Aquatic Invertebrates (B13)</li> <li>Hydrogen Sulfide Odor (C1)</li> </ul>	<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> <li>Saturation Visible on Aerial Imagery (C9)</li> </ul>
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C4)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  oots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one require  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Represence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C4)  Stunted or Stressed Plants (D1) (LRR	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  oots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and in the second	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Release of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C4)  Stunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  oots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and incident of the primary Indicators (minimum of one required and incident of the primary Indicators (Material Parks (Material Pa	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Release of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C4)  Stunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  oots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (Material Material Indicators (Material Indica	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C4) Stunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  (B8)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  oots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (Based of the control of t	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C4) Stunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  oots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (Material Material Indicators (Material Indica	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C4) Stunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  oots (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and support of the following of t	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (Castunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches): No Depth (inches): No Depth (inches): We	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) oots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) C6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and support of the following of t	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C4) Stunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches):  Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) oots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) C6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (Material Material Indicators (Material Indica	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (Castunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches): No Depth (inches): No Depth (inches): We	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) oots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) C6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and support of the following of t	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (Castunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches): No Depth (inches): No Depth (inches): We	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) oots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) C6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
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Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (Material Material Indicators (Material Indica	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (Castunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches): No Depth (inches): No Depth (inches): We	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) oots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) C6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indicators:  Primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (minimum of one required and primary Indicators (Material Material Indicators (Material Indica	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Represence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (Castunted or Stressed Plants (D1) (LRR Other (Explain in Remarks)  No Depth (inches): No Depth (inches): No Depth (inches): We	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) oots (C3) Geomorphic Position (D2) Shallow Aquitard (D3) C6) FAC-Neutral Test (D5) A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

#### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: Westfort Ligh S.P. city/County: Westfort Sampling Date: 4-26-Applicant/Owner: State Pauls Investigator(s): \_ 8. Hamid Section, Township, Range: \_\_ Local relief (concave, convex, none): Con Colle Interducel Slope (%): / Landform (hillslope, terrace, etc.): Long: \_\_\_ Datum: Subregion (LRR): Soil Map Unit Name: DUNZ Lawa NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No \_X (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes X No \_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? (If needed, explain any answers in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes & No\_ Is the Sampled Area Hydric Soil Present? Yes 🖈 within a Wetland? Yes X Wetland Hydrology Present? No Remarks: bzlow normal Dhows VEGETATION - Use scientific names of plants. Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: 30' % Cover Species? Status **Number of Dominant Species** 1. Alnus rubra FAC That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species 100 15 = Total Cover That Are OBL, FACW, or FAC: (A/B) Sapling/Shrub Stratum (Plot size: Prevalence Index worksheet: Salix Hookevaus Total % Cover of: Multiply by: 2 Lonicus involversus OBL species \_\_\_\_\_ x 1 = \_\_ FACW species x 2 = FAC species x 3 = FACU species \_\_\_ 5 = Total Cover UPL species \_\_\_\_\_ x 5 = \_\_\_\_ Herb Stratum (Plot size: \_ Column Totals: 1. Carex obnupts Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations1 (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation (Explain) 10. Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 95 = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Present?

= Total Cover

Remarks:

% Bare Ground in Herb Stratum

	Redox	Features		-		D. CTC.
(inches) Color (moist) %	Color (moist)	%	Type <sup>1</sup>	Loc2	Texture	
5-0					artle	citter
254 4/15 10		-		-	LFS	
5-18 2,54 4/1 98		2	6	M.PL	. LF	5
Type: C=Concentration, D=Depletion, R	M=Reduced Matrix CS	=Covered	or Coate	d Sand Gra	ains. 2	Location: PL=Pore Lining, M=Matrix.
lydric Soil Indicators: (Applicable to a	all LRRs, unless other	wise note	d.)	d Carlo Cit		ators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	★ Sandy Redox (S)				_ 2	2 cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (					Red Parent Material (TF2)
Black Histic (A3)	Loamy Mucky M	ineral (F1	(except	MLRA 1)		/ery Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	Loamy Gleyed N				(	Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix				3	and the second second
Thick Dark Surface (A12)	Redox Dark Sur	The second second				cators of hydrophytic vegetation and etland hydrology must be present,
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark S Redox Depressi	and the same of the same of the same of	()			nless disturbed or problematic.
Restrictive Layer (if present):	Redux Depressi	ons (Fo)			U.	ileas distances of problematic.
Type:						
Depth (inches):	-				Hydric S	oil Present? Yes 📈 No
YDROLOGY	+	10				(†)
Wetland Hydrology Indicators:						
Primary Indicators (minimum of one requi			(00)			condary Indicators (2 or more required)
Primary Indicators (minimum of one requi Surface Water (A1) High Water Table (A2)	Water-Stair MLRA 1	ned Leave I, 2, 4A, a		xcept		Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
Primary Indicators (minimum of one requi Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Stair MLRA 1 Salt Crust (	ned Leave I, <b>2, 4A,</b> a (B11)	nd 4B)	xcept		Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10)
Primary Indicators (minimum of one requi Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv	ned Leave I, <b>2, 4A,</b> a (B11) rertebrates	nd 4B) s (B13)	xcept		Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary Indicators (minimum of one requisions Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od	nd 4B) s (B13) for (C1)			Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3)
Primary Indicators (minimum of one requi Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 5 Oxidized R	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher	or (C1) res along	Living Roo		Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2)
Primary Indicators (minimum of one requirement of surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reduce	nd 4B) s (B13) for (C1) res along d iron (C4)	Living Roo	ts (C3) 💃	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9 Geomorphic Position (D2) Shallow Aquitard (D3)
Primary Indicators (minimum of one requingular Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence o	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reduce n Reduction	s (B13) for (C1) es along d fron (C4 on in Tilled	Living Roo I) d Soils (C6	ts (C3) 3	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicators (minimum of one requination Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reduce n Reduction Stressed	s (B13) for (C1) res along d fron (C4 on in Tilled Plants (D	Living Roo I) d Soils (C6	ts (C3) 3	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one requination (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 8 Oxidized R Presence c Recent Iror Stunted or (B7) Water-Stain	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reduce n Reduction Stressed	s (B13) for (C1) res along d fron (C4 on in Tilled Plants (D	Living Roo I) d Soils (C6	ts (C3) 3	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicators (minimum of one requinations) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 8 Oxidized R Presence c Recent Iror Stunted or (B7) Water-Stain	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reduce n Reduction Stressed	s (B13) for (C1) res along d fron (C4 on in Tilled Plants (D	Living Roo I) d Soils (C6	ts (C3) 3	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one requirement of surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 8 Oxidized R Presence c Recent Iror Stunted or (B7) Water-Stain	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reduced Reduction Stressed lain in Rel	s (B13) for (C1) res along d fron (C4 on in Tilled Plants (D	Living Roo I) d Soils (C6	ts (C3) 3	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one requirement of surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface (B6)  Field Observations:  Surface Water Present?  Yes	Water-Stain MLRA 1  Salt Crust (  Aquatic Inv  Hydrogen 5  Oxidized R  Presence 0  Recent Iron  Stunted or  (B7)  (B8)	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reduced n Reduction Stressed lain in Res	s (B13) for (C1) res along d fron (C4 on in Tilled Plants (D	Living Roo I) d Soils (C6	ts (C3) 3	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one requisions)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Ves  Saturation Present?  Yes	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or Other (Exp e (B8)  No Depth (inc	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reducei n Reductio Stressed lain in Rel ches):	nd 4B) s (B13) lor (C1) es along d Iron (C4 on in Tilled Plants (D marks)	Living Root) d Soils (C6 1) (LRR A)	ts (C3)	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one requination of the property	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or Other (Exp e (B8)  No Depth (inc	ned Leave I, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reducei n Reductio Stressed lain in Rel ches):	nd 4B) s (B13) lor (C1) es along d Iron (C4 on in Tilled Plants (D marks)	Living Root) d Soils (C6 1) (LRR A)	ts (C3)	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?  Yes  Includes capillary fringe)  Describe Recorded Data (stream gauge,	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or Other (Exp e (B8)  No Depth (inc No Depth (inc	ned Leave 1, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reducei n Reductio Stressed lain in Rei ches): ches):	nd 4B) s (B13) dor (C1) es along d Iron (C4 on in Tilled Plants (D marks)	Living Room  d Soils (C6  1) (LRR A)  Wetla  pections)	ts (C3) $\Rightarrow$	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Ves  Saturation Present?  Ves  Saturation Present?  Secribe Recorded Data (stream gauge,	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or Other (Exp e (B8)  No Depth (inc No Depth (inc	ned Leave 1, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reducei n Reductio Stressed lain in Rei ches): ches):	nd 4B) s (B13) dor (C1) es along d Iron (C4 on in Tilled Plants (D marks)	Living Room  d Soils (C6  1) (LRR A)  Wetla  pections)	ts (C3) $\Rightarrow$	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface  Field Observations:  Surface Water Present?  Vater Table Present?  Ves  Saturation Present?  Yes	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or Other (Exp e (B8)  No Depth (inc No Depth (inc	ned Leave 1, 2, 4A, a (B11) rertebrates Sulfide Od hizospher of Reducei n Reductio Stressed lain in Rei ches): ches):	nd 4B) s (B13) dor (C1) es along d Iron (C4 on in Tilled Plants (D marks)	Living Room  d Soils (C6  1) (LRR A)  Wetla  pections)	ts (C3) $\Rightarrow$	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: West Port Light S.P. city/county: Westfort Applicant/Owner: 500 Sampling Point: 58 Investigator(s): T. Hemidi Section, Township, Range: Landform (hillslope, terrace, etc.): Local relief (concave, convex, none): Con UCX Subregion (LRR): Lat: Long: Datum: Soil Map Unit Name: DUNC NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_ No (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation \_\_\_, or Hydrology \_\_\_\_ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Hydric Soil Present? Is the Sampled Area Yes No X within a Wetland? Wetland Hydrology Present? No K Yes Remarks: below Normal Precip, Photos 178-181 VEGETATION - Use scientific names of plants. Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: 36 % Cover Species? Status **Number of Dominant Species** 1. PINUS CONTOUTE That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: (B) Percent of Dominant Species 50 = Total Cover Sapling/Shrub Stratum (Plot size: 15 That Are OBL, FACW, or FAC: (AVB) Prevalence Index worksheet: Cutisus SCARMUS Total % Cover of: Multiply by: Vaccinium ovatum OBL species x1= FACW species x 2 = FAC species FACU species \_\_\_\_ x 4 = \_\_\_ 7.5 = Total Cover UPL species Herb Stratum (Plot size: Column Totals: \_\_\_ \_\_ (A) \_\_\_\_\_ (B) Prevalence Index = B/A = Holcus **Hydrophytic Vegetation Indicators:** 4. 10000 1 - Rapid Test for Hydrophytic Vegetation \_\_\_ 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations1 (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 10. Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. = Total Cover Woody Vine Stratum (Plot size: 15 Hydrophytic Vegetation Present? Yes = Total Cover % Bare Ground in Herb Stratum Remarks:

Sampling Point: SP- 76-2

Profile Desc Depth	Matrix	-	Redox	reature	S						
(inches)	Color (moist)	%	Color (moist)	%_	Type'	Loc2	Texture		Re	marks	
3-0							but	£			
>3	2.54 3/2	100	1	-	-		1FS				
7-9	2544/2	100	-	_		-	LES				
1.10.	2.504/2	97	2,544/3	5	-	m	1 50				
-18	-13/1/2	-11	- 139 1/2	3		-	LPS	-			
	_				_	_		70-			
								-			
				_				-		-	
			Reduced Matrix, CS			ed Sand G				ining, M=Matr	
		cable to all	LRRs, unless other		ed.)					c Hydric Soi	s;
Histosol	(A1) pipedon (A2)		Sandy Redox (S				100	cm Muck	t (A10) It Material (1	(E2)	
	istic (A3)		Stripped Matrix ( Loamy Mucky M		1) /evcen	MI RA 1	1			face (TF12)	
	en Sulfide (A4)		Loamy Gleyed N			CWLKA 1)			lain in Rem		
	d Below Dark Surfa	ce (A11)	Depleted Matrix				_	/			
	ark Surface (A12)		Redox Dark Sur		V		3Indic	ators of h	ydrophytic v	egetation and	1
Sandy N	Mucky Mineral (S1)		Depleted Dark S						and the second second	be present,	
	Gleyed Matrix (S4)		Redox Depressi				uni	ess distu	rbed or prob	olematic.	
	Layer (if present):	4									
Type:			_				Carak a		AL IND		N
Depth (in	ches):						Hydric S	oil Prese	nt? Yes	No	~
			÷ ;		·y	-			•		
Remarks:	OGY rdrology Indicators	s:	2		Ŋ	4					
Remarks:  IYDROLO  Wetland Hy	drology Indicators		d; check all that apply	)	Y	3	Sec	condary li	ndicators (2.	or more requ	
Remarks:  IYDROLO  Wetland Hy  Primary Indi	drology Indicators		d; check all that apply	M	es (B9) (e	xcept	Sec			or more requ es (B9) (MLR	ired)
YDROLO Wetland Hy Primary Indi Surface	drology Indicators cators (minimum of		Water-Stair	M		xcept	Sec	Water-S			ired)
YDROLO Wetland Hy Primary Indi Surface	rdrology Indicators cators (minimum of Water (A1) ater Table (A2)		Water-Stair	ned Leav		xcept	Sec	Water-S	tained Leav	es (B9) (MLR	red)
YDROLO Wetland Hy Primary Indi Surface High W: Saturati	rdrology Indicators cators (minimum of Water (A1) ater Table (A2)		Water-Stain	ned Leav I, <b>2, 4A</b> , a (B11)	and 4B)	xcept	Sec	Water-S 4A, a Drainage	tained Leav	es (B9) ( <b>MLR</b> B10)	red)
YDROLO Wetland Hy Primary Indi Surface High Water M	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3)		Water-Stain MLRA Salt Crust	ned Leav I, 2, 4A, a (B11) rertebrate	and 4B)	xcept	Sec	Water-S 4A, a Drainage Dry-Sea	tained Leav ind 4B) e Patterns (I son Water 1	es (B9) ( <b>MLR</b> B10)	red) A 1, 2,
YDROLO Wetland Hy Primary Indi Surface High Water Mater Mat	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1)		Water-Stain MLRA Salt Crust ( Aquatic Inv	ned Leav I, 2, 4A, a (B11) rertebrate Sulfide Od	and 4B) es (B13) dor (C1)			Water-S 4A, a Drainage Dry-Sea Saturation	tained Leav ind 4B) e Patterns (I son Water 1	es (B9) (MLR B10) Table (C2) n Aerial Imag	red) A 1, 2,
YDROLO Wetland Hy Primary Indi Surface High Water M Sedime Drift De	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2)		Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3	ned Leav I, 2, 4A, a (B11) rertebrate Sulfide Od hizosphe	es (B13) dor (C1) eres along	Living Roc		Water-S 4A, a Drainage Dry-Sea Saturation Geomor	tained Leav and 4B) Patterns (I son Water Ton on Visible on	es (B9) ( <b>MLR</b> B10) Table (C2) In Aerial Imagon (D2)	red) A 1, 2,
YDROLO Wetland Hy Primary Indi Surface High Water Mader Made	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3)		Water-Stain MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron	ned Leav I, 2, 4A, a (B11) rertebrate Sulfide Or hizosphe of Reduce n Reducti	es (B13) dor (C1) eres along ed Iron (C4	Living Roo 4) d Soils (C6	ots (C3)	Water-S  4A, a  Drainage Dry-Sea  Saturatio Geomor Shallow	tained Leav Ind 4B) Patterns (I son Water I on Visible or phic Positio	es (B9) (MLR B10) Table (C2) In Aerial Imagon (D2) 3)	red) A 1, 2,
YDROLO Wetland Hy Primary Indi Surface High Water M Sedime Drift De Algal Ma	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4)		Water-Stain MLRA  Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Stunted or	ned Leav I, 2, 4A, a (B11) rertebrate Sulfide Or hizosphe of Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille Plants (D	Living Roo 4) d Soils (C6	ots (C3)	Water-S 4A, a Drainage Dry-Sea Saturatio Geomor Shallow FAC-Ne	tained Leav and 4B) e Patterns (I son Water I on Visible or phic Positio Aquitard (D utral Test (I	es (B9) (MLR B10) Table (C2) In Aerial Imagon (D2) 3)	red) A 1, 2, ery (C9
YDROLO Wetland Hy Primary Indi Surface High Water M Sedime Drift De Algal Malling Iron Del Surface Inundati	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6)	one require	Water-Stain  MLRA  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of  Recent Iron  Stunted or  Other (Exp	ned Leav I, 2, 4A, a (B11) rertebrate Sulfide Or hizosphe of Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille Plants (D	Living Roo 4) d Soils (C6	ots (C3)	Water-S 4A, a Drainage Dry-Sea Saturatio Geomor Shallow FAC-Ne Raised	tained Leav and 4B) e Patterns (I son Water I on Visible or phic Positio Aquitard (D utral Test (I	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) (D5) (D6) (LRR A	red) A 1, 2, ery (C9
YDROLO Wetland Hy Primary Indi Surface High Wi Saturati Water M Sedime Drift De Algal Mi Iron De Surface Inundati Sparsel	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) ion Visible on Aeria y Vegetated Conca	one require	Water-Stain  MLRA  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of  Recent Iron  Stunted or  Other (Exp	ned Leav I, 2, 4A, a (B11) rertebrate Sulfide Or hizosphe of Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille Plants (D	Living Roo 4) d Soils (C6	ots (C3)	Water-S 4A, a Drainage Dry-Sea Saturatio Geomor Shallow FAC-Ne Raised	tained Leav and 4B) Patterns (I son Water Ton on Visible or phic Positio Aquitard (D utral Test (I Ant Mounds	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) (D5) (D6) (LRR A	red) A 1, 2, ery (C9
YDROLO Wetland Hy Primary Indi Surface High Water M Sedime Drift De Algal Maleron De Surface Inundati Sparsel	cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) ion Visible on Aeria y Vegetated Concar	one require	Water-Stain MLRA 1 Salt Crust ( Aquatic Inv Hydrogen 3 Oxidized R Presence c Recent Iror Stunted or Other (Exp	ned Leav 1, 2, 4A, 2 (B11) ertebrate Sulfide Or hizosphe of Reducti Stressed lain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille Plants (D	Living Roo 4) d Soils (C6	ots (C3)	Water-S 4A, a Drainage Dry-Sea Saturatio Geomor Shallow FAC-Ne Raised	tained Leav and 4B) Patterns (I son Water Ton on Visible or phic Positio Aquitard (D utral Test (I Ant Mounds	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) (D5) (D6) (LRR A	red) A 1, 2, ery (C9
YDROLO Wetland Hy Primary Indi Surface High Water M Sedime Drift De Algal Malling Iron Dep Surface Inundati Sparsel	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) ion Visible on Aeria y Vegetated Conca rvations: ater Present?	one require Imagery (B ve Surface (	Water-Stain MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Stunted or Other (Exp B8)	ned Leav 1, 2, 4A, a (B11) ertebrate Sulfide Oo hizosphe of Reduce n Reducti Stressed lain in Re	es (B13) dor (C1) eres along ed Iron (C4 fon in Tille Plants (D	Living Roo 4) d Soils (C6	ots (C3)	Water-S 4A, a Drainage Dry-Sea Saturatio Geomor Shallow FAC-Ne Raised	tained Leav and 4B) Patterns (I son Water Ton on Visible or phic Positio Aquitard (D utral Test (I Ant Mounds	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) (D5) (D6) (LRR A	red) A 1, 2, ery (C9
Primary Indi Surface High Water M Sedime Drift De Algal Malliron Dep Surface Inundati Sparsel	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) ion Visible on Aeria y Vegetated Conca rvations: ater Present?	I Imagery (B we Surface ( Yes	Water-Stain  MLRA  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of Recent Iron  Stunted or  Other (Exp  B8)	ned Leav 1, 2, 4A, a (B11) ertebrate Sulfide On hizosphe of Reducti Stressed lain in Re thes): thes):	es (B13) dor (C1) eres along ed Iron (C4) on in Tille Plants (D ermarks)	Living Root  4) d Soils (C6 1) (LRR A	ots (C3)	Water-S 4A, a Drainage Dry-Sea Saturatie Geomor Shallow FAC-Ne Raised Frost-He	tained Leav and 4B)  Patterns (I son Water Ton Visible or phic Positio Aquitard (D utral Test (D Ant Mounds eave Humm	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) 95) (D6) (LRR A ocks (D7)	red) A 1, 2, ery (C9
Primary Indi Surface High Water M Sedime Drift De Surface Iron De Surface Inundati Sparsel Field Obser Surface Water Table Saturation P	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) ion Visible on Aeria y Vegetated Conca rvations: are Present? Present?	I Imagery (B we Surface ( Yes	Water-Stain MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Stunted or Other (Exp B8)	ned Leav 1, 2, 4A, a (B11) ertebrate Sulfide On hizosphe of Reducti Stressed lain in Re thes): thes):	es (B13) dor (C1) eres along ed Iron (C4) on in Tille Plants (D ermarks)	Living Root  4) d Soils (C6 1) (LRR A	ots (C3)	Water-S 4A, a Drainage Dry-Sea Saturatie Geomor Shallow FAC-Ne Raised Frost-He	tained Leav and 4B)  Patterns (I son Water Ton Visible or phic Positio Aquitard (D utral Test (D Ant Mounds eave Humm	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) 95) (D6) (LRR A ocks (D7)	red) A 1, 2, ery (C9
YDROLO Wetland Hy Primary Indi Surface High Water M Sedime Drift De Algal Maleron De Surface Inundati Sparsel Field Obser Surface Wat Water Table Saturation Pe Includes ca	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) on Visible on Aeria y Vegetated Conca vations: are Present? Present? pillary fringe)	one require I Imagery (B ve Surface ( Yes Yes Yes	Water-Stain  MLRA  Salt Crust (  Aquatic Inv  Hydrogen S  Oxidized R  Presence of Recent Iron  Stunted or  Other (Exp  B8)	ned Leav 1, 2, 4A, a (B11) ertebrate Sulfide Ochizosphe of Reduce of Reducti Stressed lain in Re ches): thes):	es (B13) dor (C1) eres along ed Iron (C4 fon in Tille Plants (D emarks)	Living Root  4) d Soils (C6 1) (LRR A	ots (C3)  i)  and Hydrole	Water-S 4A, a Drainage Dry-Sea Saturatie Geomor Shallow FAC-Ne Raised Frost-He	tained Leav and 4B) Patterns (I son Water Ton Visible or phic Positio Aquitard (D utral Test (D Ant Mounds eave Humm	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) 95) (D6) (LRR A ocks (D7)	red) A 1, 2, ery (C9
Remarks:  IYDROLO Wetland Hy Primary Indi Surface High Water Magal	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) on Visible on Aeria y Vegetated Conca vations: are Present? Present? pillary fringe)	one require I Imagery (B ve Surface ( Yes Yes Yes	Water-Stain  MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Stunted or Other (Exp B8)  No Depth (inc	ned Leav 1, 2, 4A, a (B11) ertebrate Sulfide Ochizosphe of Reduce of Reducti Stressed lain in Re ches): thes):	es (B13) dor (C1) eres along ed Iron (C4 fon in Tille Plants (D emarks)	Living Root  4) d Soils (C6 1) (LRR A	ots (C3)  i)  and Hydrole	Water-S 4A, a Drainage Dry-Sea Saturatie Geomor Shallow FAC-Ne Raised Frost-He	tained Leav and 4B) Patterns (I son Water Ton Visible or phic Positio Aquitard (D utral Test (D Ant Mounds eave Humm	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) 95) (D6) (LRR A ocks (D7)	red) A 1, 2, ery (C9
YDROLO Wetland Hy Primary Indi Surface High Water M Sedime Drift De Algal Maleron De Surface Inundati Sparsel Field Obser Surface Wat Water Table Saturation Pe Includes ca	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) on Visible on Aeria y Vegetated Conca vations: are Present? Present? pillary fringe)	one require I Imagery (B ve Surface ( Yes Yes Yes	Water-Stain  MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Stunted or Other (Exp B8)  No Depth (inc	ned Leav 1, 2, 4A, a (B11) ertebrate Sulfide Ochizosphe of Reduce of Reducti Stressed lain in Re ches): thes):	es (B13) dor (C1) eres along ed Iron (C4 fon in Tille Plants (D emarks)	Living Root  4) d Soils (C6 1) (LRR A	ots (C3)  i)  and Hydrole	Water-S 4A, a Drainage Dry-Sea Saturatie Geomor Shallow FAC-Ne Raised Frost-He	tained Leav and 4B) Patterns (I son Water Ton Visible or phic Positio Aquitard (D utral Test (D Ant Mounds eave Humm	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) 95) (D6) (LRR A ocks (D7)	red) A 1, 2, ery (C9
YDROLO Wetland Hy Primary Indi Surface High Water Magal Males Iron Del Surface Inundati Sparsel Field Obser Surface Water Table Saturation Pal includes cal Describe Re	rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) nt Deposits (B2) posits (B3) at or Crust (B4) posits (B5) Soil Cracks (B6) on Visible on Aeria y Vegetated Conca vations: are Present? Present? pillary fringe)	one require I Imagery (B ve Surface ( Yes Yes Yes	Water-Stain  MLRA Salt Crust ( Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Stunted or Other (Exp B8)  No Depth (inc	ned Leav 1, 2, 4A, a (B11) ertebrate Sulfide Ochizosphe of Reduce of Reducti Stressed lain in Re ches): thes):	es (B13) dor (C1) eres along ed Iron (C4 fon in Tille Plants (D emarks)	Living Root  4) d Soils (C6 1) (LRR A	ots (C3)  i)  and Hydrole	Water-S 4A, a Drainage Dry-Sea Saturatie Geomor Shallow FAC-Ne Raised Frost-He	tained Leav and 4B) Patterns (I son Water Ton Visible or phic Positio Aquitard (D utral Test (D Ant Mounds eave Humm	es (B9) (MLR B10) Fable (C2) In Aerial Image In (D2) 3) 95) (D6) (LRR A ocks (D7)	red) A 1, 2, ery (C9

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: Westport Light S.P. city/county: Westport Sampling Date: Applicant/Owner: State Sampling Point: 5 Investigator(s): Section, Township, Range: Landform (hillslope, terrace, etc.): IN travual Local relief (concave, convex, none): Con Cau? Slope (%): Subregion (LRR): Lat Long: Datum: Soil Map Unit Name: DUN2 LGN NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_ No K (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? Are "Normal Circumstances" present? Yes No Are Vegetation \_\_\_\_ \_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_ \_\_\_ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No\_ Hydric Soil Present? Is the Sampled Area within a Wetland? Wetland Hydrology Present? Yes X No\_ below Normal Precip VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30 % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: (B) Percent of Dominant Species O = Total Cover 100 That Are OBL, FACW, or FAC: (AVB) Sapling/Shrub Stratum (Plot size: 1 1. Salix hookeriong Prevalence Index worksheet: Total % Cover of: Multiply by: x 1 = FACW species FAC species MUGHUM FACU species \_\_\_\_ x 4 = 93 = Total Cover Majus fusca Herb Stratum (Plot size: UPL species 1. Carex obout Column Totals: \_\_\_\_ (A) \_\_\_\_ (B) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation ★ 2 - Dominance Test is >50% \_\_ 3 - Prevalence Index is ≤3.01 \_\_\_ 4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants<sup>1</sup> 10. Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) <sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 5 = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Present? = Total Cover % Bare Ground in Herb Stratum 0 Remarks:

Depth		Matrix		Redo	x Feature	S			
(inches)	Color (r		%_	Color (moist)	%_	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
1-0								Duff	
1-12	2,54	4/2	95	104R 4/4	5	C	n	LFS	
2-18	54	5/1	80	104R4/4	20	C	n	FSL	
			=						
Histoso Histic E Black H Hydrog Deplete Thick D Sandy	Indicators: I (A1) pipedon (A2 listic (A3) en Sulfide (A d Below Da ark Surface Mucky Minel Gleyed Matr	(Applic A4) rk Surfac (A12) ral (S1) ix (S4)	able to all	=Reduced Matrix, CS LRRs, unless othe Sandy Redox ( Stripped Matrix Loamy Mucky I Loamy Gleyed Depleted Matrix Redox Dark Su Depleted Dark Redox Depress	rwise not S5) (S6) Mineral (F Matrix (F2 x (F3) Irface (F6) Surface (F6)	ed.) 1) (except		Indicat  2 c Re Vei Oti  3Indicat wetli	ocation: PL=Pore Lining, M=Matrix. ors for Problematic Hydric Soils³: m Muck (A10) d Parent Material (TF2) ry Shallow Dark Surface (TF12) her (Explain in Remarks) ors of hydrophytic vegetation and and hydrology must be present, ss disturbed or problematic.
	Layer (if pr	esent):							
Type:								20.00	
								Hydric Soi	Present? Yes _ No
	nches):			-1-4		-			
Remarks:  YDROLO Wetland Hy	OGY ydrology Inc			ed: check all that appl		-			
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De Algal M Iron De Surface Inundat Sparse	pogy icators (minicators (mini	(B2) (B4) (B6) (B6)	ne require	Salt Crust Aquatic In Hydrogen Oxidized If Presence Recent Irc Stunted or Other (Ex	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide O Rhizosphe of Reduce on Reducti r Stressed	es (B13) dor (C1) eres along ed Iron (C4 don in Tilled Plants (D	Living Roo i) d Soils (C6	Second Se	Indary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
IYDROLO Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Algal M Iron De Surface Inundat Sparsel Field Obsel Surface Wa Water Table Saturation F (includes ca	pody verticators (minicators (	(B2) (B2) (B6) In Aerial I Concave	Imagery (Bes		ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Or Rhizosphe of Reduce on Reducti r Stressed plain in Re ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C4) fon in Tilled Plants (D ermarks)	Living Rootl) d Soils (C61) (LRR A	ots (C3) by	Indary Indicators (2 or more required)  Nater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)

### WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: WestPort Light S.P. City/County: WestPort Sampling Date: 4-26-21 Applicant/Owner: State: WA Sampling Point: 59-77-3 Sampling Point: SP-Landform (hillslope, terrace, etc.): DUNE. Local relief (concave, convex, none): Subregion (LRR): \_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_ Soil Map Unit Name: DUNC NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes \_\_\_\_\_ No X (If no, explain in Remarks.) Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ significantly disturbed? Are "Normal Circumstances" present? Yes X No\_ Are Vegetation \_\_\_\_\_, Soil \_\_\_\_\_, or Hydrology \_\_\_\_\_ naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Hydric Soil Present? Yes \_\_\_\_\_ Wetland Hydrology Present? Yes \_\_\_\_\_ Is the Sampled Area within a Wetland? Remarks: 62 low normal Precipi Photos 186-188 VEGETATION - Use scientific names of plants. Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: 30' % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: (B) Percent of Dominant Species Total Cover That Are OBL, FACW, or FAC: (A/B) Sapling/Shrub Stratum (Plot size: 15 Prevalence Index worksheet: 1. Morria Californica Total % Cover of: Multiply by: 2. Vaccinium Ovatum OBL species \_\_\_\_\_ x 1 = \_\_\_\_ FACW species \_\_\_\_\_ x 2 = \_\_\_\_ FAC species \_\_\_\_\_ x 3 = \_\_\_ FACU species 40 = Total Cover Herb Stratum (Plot size: UPL species x 5 = Column Totals: \_\_\_\_\_ (A) \_\_\_\_\_ (B) 1. Carex obnupts Prevalence Index = B/A = Hydrophytic Vegetation Indicators: \_\_\_ 1 - Rapid Test for Hydrophytic Vegetation ★ 2 - Dominance Test is >50% \_ 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants Problematic Hydrophytic Vegetation<sup>1</sup> (Explain) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 74 = Total Cover Woody Vine Stratum (Plot size: \_\_\_\_) Hydrophytic Vegetation

= Total Cover

Remarks:

% Bare Ground in Herb Stratum

Present?

-	_	•	
•	. 1		

Sampling Point: SP-T7-2

Profile Description: (Describe to the depth needed to document the indicate Depth <u>Matrix</u> Redox Features		
inches) Color (moist) % Color (moist) % Type	Loc <sup>2</sup>	Texture Remarks
7-0		Litter
0-18 2,54 4/2,100		EC
CS 11C100 2		13
	1	The server management
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Co.	ated Sand Grains	
lydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1) Sandy Redox (S5)		2 cm Muck (A10)
Histic Epipedon (A2) Stripped Matrix (S6)		Red Parent Material (TF2)
Black Histic (A3) Loamy Mucky Mineral (F1) (exce	ept MLRA 1)	Very Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
Depleted Below Dark Surface (A11) Depleted Matrix (F3)		Water State
Thick Dark Surface (A12) Redox Dark Surface (F6)		<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7)		wetland hydrology must be present,
Sandy Gleyed Matrix (S4) Redox Depressions (F8)		unless disturbed or problematic.
Restrictive Layer (if present):		
Type:		and the same of th
		AL OUR WAY
Depth (inches):Remarks:	П	ydric Soil Present? Yes X No
Depth (inches):Remarks:	н	ydric Soil Present? Yes No
Depth (inches): Remarks:  YDROLOGY	Н	ydric Soil Present? Yes No
Depth (inches):  Remarks:  YDROLOGY  Wetland Hydrology Indicators:	Н	Secondary Indicators (2 or more required)
Depth (inches):		Secondary Indicators (2 or more required)
Depth (inches):	(except	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2,
Depth (inches):	(except	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Depth (inches):	(except	Secondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
Depth (inches):	(except	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)  Primary Indicators (minimum of one required; check all that apply)  Water Stained Leaves (B9)  MLRA 1, 2, 4A, and 4B, Salt Crust (B11) Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1	(except )	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)  Well inches):  Wetland Hydrology Indicators:  Water All that apply)  Water Stained Leaves (B9)  MLRA 1, 2, 4A, and 4B,  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres alor	(except ) ) ) ng Living Roots (	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)
Depth (inches):	(except ) ) ) ng Living Roots ((C4)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)
Depth (inches):	(except ) ) ) ng Living Roots ((C4)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Depth (inches):  Remarks:  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Wetland Hydrology Indicators:  Water All that apply)  MLRA 1, 2, 4A, and 4B;  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres alor  Presence of Reduced Iron (B1)  Recent Iron Reduction in Tiles (B2)  Surface Soil Cracks (B6)  Stunted or Stressed Plants	(except ) ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Wetak apply  Water Alt apply  Water Apply  Water-Stained Leaves (B9)  MLRA 1, 2, 4A, and 4B,  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Drift Deposits (B3)  Oxidized Rhizospheres alor  Presence of Reduced Iron (B4)  Recent Iron Reduction in Tile (B4)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Other (Explain in Remarks)	(except ) ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
Depth (inches):	(except ) ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Depth (inches):	(except ) ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Depth (inches):  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:	(except ) ) ) ng Living Roots ((C4) (Illed Soils (C6) (D1) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Depth (inches):  Remarks:  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Yes  No  Depth (inches):	(except ) ) ) ng Living Roots ((C4) (Illed Soils (C6) (D1) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Depth (inches):  Remarks:  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Yes  No  Depth (inches):  Water Table Present?  Yes  No  Depth (inches):	(except ) ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Depth (inches):	(except ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Depth (inches):	(except ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Depth (inches):	(except ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Depth (inches):  Remarks:  Remarks:  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required; check all that apply)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery (B7)  Sparsely Vegetated Concave Surface (B8)  Field Observations:  Surface Water Present?  Yes  No  Depth (inches):  Water Aalt apply)  Water Aapply  Water-Stained Leaves (B9)  MLRA 1, 2, 4A, and 4B;  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres alon  Presence of Reduced Iron  Recent Iron Reduction in Till  Surface Soil Cracks (B6)  Stunted or Stressed Plants  Other (Explain in Remarks)  Sparsely Vegetated Concave Surface (B8)	(except ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Depth (inches):	(except ) ) ng Living Roots ((C4) illed Soils (C6) (D1) (LRR A)  Wetland	Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (CS)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)

Project/Site: West Port S.P.		City/County:	We:	57 PO 1+ Sampling Date: 4/26 /
Applicant/Owner: WA State Park	5			State: WA Sampling Point: TP-1
nvestigator(s): R. Fletcher				nge:
andform (hillslope, terrace, etc.): Interdung!		Local relief	(concave,	convex, fone): Slope (%): 2
Subregion (LRR): 4		-12/11/23/		
Soil Map Unit Name: Dune Land				NWI classification: P55
are climatic / hydrologic conditions on the site typical for t	his time of you	v2 Vac	No	
				"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology				
SUMMARY OF FINDINGS - Attach site ma	p showing	sampling	g point l	ocations, transects, important features, etc
Hydrophytic Vegetation Present?  Hydric Soil Present?  Wetland Hydrology Present?  Yes  Yes	No No	and the second second	e Sampled in a Wetlar	
Photos 1-2	en no	rmal	ra.'n	Call.
VEGETATION – Use scientific names of pla	ants.			
Tree Stratum (Plot size: 30 - )	Absolute % Cover	Dominant Species?		Dominance Test worksheet:
1.	76 COVE	Species	Status	Number of Dominant Species That Are OBL, FACW, or FAC:(A)
2. N/A				ACCIDING AND DIVINAS ON AND AND AND AND AND AND AND AND AND AN
3.				Total Number of Dominant Species Across All Strata: (B)
4				2
Sapling/Shrub Stratum (Plot size: 15		= Total Co	ver	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size: 1)  1. Lonicera involverata	80	X	FAC	Prevalence Index worksheet:
2. Spiraca docalasii	30	X	FACE	Total % Cover of: Multiply by:
3			Inco	OBL species x 1 =
4.				FACW species x 2 =
5.				FAC species x 3 =
	80	= Total Co	ver	FACU species x 4 =
Herb Stratum (Plot size:	PI	V	nRI	UPL species x 5 =
1. Carex obsupta			000	Column Totals: (A) (B)
2		-		Prevalence Index = B/A =
3				Hydrophytic Vegetation Indicators:
5.	-	_		1 - Rapid Test for Hydrophytic Vegetation
6.			_	2 - Dominance Test is >50%
7.				3 - Prevalence Index is ≤3.0¹
8.				4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
9.				5 - Wetland Non-Vascular Plants <sup>1</sup>
10.			( S	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
11				<sup>1</sup> Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 5	85	_= Total Co	ver	be present, unless disturbed or problematic.
1,	-			Hydrophytic
2. NA				Vegetation
% Bare Ground in Herb Stratum		_= Total Co	ver	Present? Yes No
% Bare Ground in Herb Stratum				
Remaining groundcover le	af In	+ter		

Sampling Point: TP-/

Depth Matrix (inches) Color (moist) %	Redox Features Color (moist), % Type¹ Loc²	, Texture Remarks
) _ ( ) CY4/1 99	LOND WILL I I N	Lo Sq
-6 2.5/01/17	10/K 7/6 1 C M, PC	119
-18 2-344/1 10	187-5783/4 30 CM	6059
		1 1
		20,40 00054
		The second second
	M=Reduced Matrix, CS=Covered or Coated Sand Gr	
lydric Soil Indicators: (Applicable to		Indicators for Problematic Hydric Solls <sup>3</sup> :
_ Histosol (A1)	Sandy Redox (S5)	2 cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)	Red Parent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F1) (except MLRA 1)	Very Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)	3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3
Thick Dark Surface (A12)	Redox Dark Surface (F6)	<sup>3</sup> Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)	wetland hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox Depressions (F8)	unless disturbed or problematic.
Restrictive Layer (if present):		0.00
Type:		X
Depth (inches):		Hydric Soil Present? Yes No
YDROLOGY		
Remarks:  YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requ	ired; check all that apply)	Secondary Indicators (2 or more required)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requ		Secondary Indicators (2 or more required)  Water-Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requi	Water-Stained Leaves (B9) (except	Water-Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing Surface Water (A1)  High Water Table (A2)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13)	<ul> <li>Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)</li> <li>Drainage Patterns (B10)</li> <li>Dry-Season Water Table (C2)</li> </ul>
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	<ul> <li>Water-Stained Leaves (B9) (except</li> <li>MLRA 1, 2, 4A, and 4B)</li> <li>Salt Crust (B11)</li> <li>Aquatic Invertebrates (B13)</li> <li>Hydrogen Sulfide Odor (C1)</li> </ul>	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one required Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 (C3))  Geomorphic Position (D2)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing a Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Geomorphic Position (D2)  Shallow Aquitard (D3)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing a Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
YDROLOGY  Netland Hydrology Indicators:  Primary Indicators (minimum of one requing a Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roo  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
YDROLOGY  Vetland Hydrology Indicators:  Primary Indicators (minimum of one requing a surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing a surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Primary Indicators (minimum of one requirement) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11)  Aquatic Invertebrates (B13)  Hydrogen Sulfide Odor (C1)  Oxidized Rhizospheres along Living Roo  Presence of Reduced Iron (C4)  Recent Iron Reduction in Tilled Soils (C6)  Stunted or Stressed Plants (D1) (LRR A)  Other (Explain in Remarks)  e (B8)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requination of section of the primary Indicators (minimum of one requination of the primary Indicators (minimum of one requination of the primary Indicators (Max	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) e (B8)  Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing a surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface Field Observations:  Surface Water Present?  Ves  Water Table Present?	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) e (B8)  No Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9)  Season (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
YDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one requing a surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface Field Observations:  Surface Water Present?  Water Table Present?  Yes  Saturation Present?	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) e (B8)  No Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 (C3)  Geomorphic Position (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)
Vetland Hydrology Indicators: Primary Indicators (minimum of one requinary Indicators (Male Indicat	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) e (B8)  No Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 Section (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one requirement Indicators (Male In	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) e (B8)  No Depth (inches): No Depth (inches): Wetla	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)  Drainage Patterns (B10)  Dry-Season Water Table (C2)  Saturation Visible on Aerial Imagery (C9 Section (D2)  Shallow Aquitard (D3)  FAC-Neutral Test (D5)  Raised Ant Mounds (D6) (LRR A)  Frost-Heave Hummocks (D7)
Primary Indicators (minimum of one requestions) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery Sparsely Vegetated Concave Surface Field Observations: Surface Water Present? Ves Vater Table Present? Ves Saturation Present? Ves Saturation Present? Ves Sincludes capillary fringe) Describe Recorded Data (stream gauge,	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) e (B8)  No Depth (inches): No Depth (inches): Wetlamonitoring well, aerial photos, previous inspections), in	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9 as (C3)
Vetland Hydrology Indicators:  Primary Indicators (minimum of one requirement)  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)  Inundation Visible on Aerial Imagery  Sparsely Vegetated Concave Surface (B6)  Inundation Visible on Aerial Imagery  Surface Water Present?  Ves  Vater Table Present?  Ves  Saturation Present?  Ves  Saturation Present?  Ves  Saturation Present?  Ves  Includes capillary fringe)  Describe Recorded Data (stream gauge,	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)  Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roo Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6 Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) e (B8)  No Depth (inches): No Depth (inches): Wetlamonitoring well, aerial photos, previous inspections), in	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9 (C3) Geomorphic Position (D2) Shallow Aquitard (D3) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)  and Hydrology Present? Yes No