WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: West fort City/County: Westport _ Sampling Point: TP-Applicant/Owner: WA Investigator(s): B. Fletcher Section, Township, Range: Landform (hillslope, terrace, etc.): 2014 Local relief (concave, convex, none): _ Datum: Subregion (LRR): Long: Lat: NWI classification: Upland Soil Map Unit Name: DUNE Land No X (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.) , Soil _____, or Hydrology _____ naturally problematic? N SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes Is the Sampled Area Hydric Soil Present? Yes No within a Wetland? Wetland Hydrology Present? No Remarks: 51: 44/4 drier +han precip. Photos 3-4 VEGETATION - Use scientific names of plants. **Dominance Test worksheet:** Absolute Dominant Indicator Tree Stratum (Plot size: % Cover Species? Status **Number of Dominant Species** Pinus contact 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. CYLISUS SZEDARIUS Total % Cover of: Multiply by: 2. Voccinium ovatum _ x1= OBL species FACW species x2= FAC species FACU species = Total Cover UPL species Herb Stratum (Plot size: Column Totals: 1. Hytochaeris 2. A & 1 73+15 5+01 Prevalence Index = B/A = Hydrophytic Vegetation Indicators: FACU 4. Plantago lanceolata 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 Vegetation¹ (Explain) 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: MOSS = 10%; remaining ground cover leaf litter and sticks

Depth Matrix	Redox Features			
(inches) Color (moist) %	Color (moist) % Typ	pe1 Loc2	<u>Texture</u>	Remarks
1-18 2.544/2 100			L03a	
				
Type: C=Concentration, D=Depletion, RM		oated Sand Gr		n: PL=Pore Lining, M=Matrix.
lydric Soil Indicators: (Applicable to all	A SUPPLY OF THE PROPERTY OF TH			or Problematic Hydric Soils ³ :
_ Histosol (A1)	Sandy Redox (S5)		2 cm Mu	
_ Histic Epipedon (A2)	Stripped Matrix (S6)			ent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F1) (ex	cept MLRA 1)		illow Dark Surface (TF12)
Hydrogen Sulfide (A4) Donleted Relow Dark Surface (A11)	Loamy Gleyed Matrix (F2)		Other (E	xplain in Remarks)
Depleted Below Dark Surface (A11) Thick Dark Surface (A12)	Depleted Matrix (F3) Redox Dark Surface (F6)		3Indiantors of	hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Redox Dark Surface (F6) Depleted Dark Surface (F7)			drology must be present,
Sandy Macky Militeral (G1) Sandy Gleyed Matrix (S4)	Redox Depressions (F8)			turbed or problematic.
Restrictive Layer (if present):	redux Depressions (1 0)		unicos dis	tarboa or problematio.
Type:				
A T A FEET COME			Hydric Soil Pres	ont? Vos No
Denth (inches):				
Depth (inches):Remarks:			Nydric Soil Fres	
Remarks:	•		nyunc son res	
YDROLOGY	*		nyunc son res	
YDROLOGY Wetland Hydrology Indicators:	ed; check all that apply)			Indicators (2 or more required)
Primary Indicators (minimum of one require		a) (except	Secondary	Indicators (2 or more required)
YDROLOGY Vetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1)	Water-Stained Leaves (BS	A Line of the second	Secondary Water-	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY Vetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1) High Water Table (A2)	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4	A Line of the second	Secondary Water-	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY Vetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1) High Water Table (A2) Saturation (A3)	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11)	В)	Secondary Water- 4A, Draina	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Pattems (B10)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4l Salt Crust (B11) Aquatic Invertebrates (B1:	B) 3)	Secondary Water- 4A, Draina Dry-Se	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4l Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C	B) 3) :1)	Secondary Water- 4A, Draina Dry-Se Satura	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9
YDROLOGY Vetland 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 (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres ale	B) 3) :1) ong Living Roo	Secondary Water- 4A, Draina Dry-Se Satura S (C3) Geome	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9) orphic Position (D2)
YDROLOGY Netland 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 (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B13 Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron	B) 3) 11) ong Living Roo 1 (C4)	Secondary Water- 4A, Draina Dry-Se Satura is (C3) Shallon	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3)
POROLOGY 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 (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B13 Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in	B) 3) 11) ong Living Roo 1 (C4) Tilled Soils (C6)	Secondary Water- 4A, Draina Dry-Se Satura S (C3) Shallor FAC-N	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5)
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)	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant	B) 3) 11) ong Living Roo 1 (C4) Tilled Soils (C6) s (D1) (LRR A)	Secondary Water- 4A, Draina Dry-Se Satura s (C3) Geome Shallon FAC-N Raisec	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I 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 (B	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks)	B) 3) 11) ong Living Roo 1 (C4) Tilled Soils (C6) s (D1) (LRR A)	Secondary Water- 4A, Draina Dry-Se Satura s (C3) Geome Shallon FAC-N Raisec	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5)
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 (B	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks)	B) 3) 11) ong Living Roo 1 (C4) Tilled Soils (C6) s (D1) (LRR A)	Secondary Water- 4A, Draina Dry-Se Satura s (C3) Geome Shallon FAC-N Raisec	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A)
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:	Water-Stained Leaves (89 MLRA 1, 2, 4A, and 41 Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks	B) 3) 11) ong Living Roo 1 (C4) Tilled Soils (C6) s (D1) (LRR A)	Secondary Water- 4A, Draina Dry-Se Satura s (C3) Geome Shallon FAC-N Raisec	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A)
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 (B1) Field Observations:	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks (B8)	B) 3) 11) ong Living Roo 1 (C4) Tilled Soils (C6) s (D1) (LRR A)	Secondary Water- 4A, Draina Dry-Se Satura s (C3) Geome Shallon FAC-N Raisec	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A)
POROLOGY 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? Water Table Present? Yes Water Table Present?	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks (B8) No Depth (inches): Depth (inches):	B) 3) cong Living Roof (C4) Tilled Soils (C6) s (D1) (LRR A)	Secondary Water- 4A, Draina Dry-Se Satura Shallon FAC-N Raised Frost-H	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Pattems (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A) Heave Hummocks (D7)
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? Water Table Present? Yes Saturation Present? Yes Saturation Present?	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks (B8)	B) 3) cong Living Roof (C4) Tilled Soils (C6) s (D1) (LRR A)	Secondary Water- 4A, Draina Dry-Se Satura s (C3) Geome Shallon FAC-N Raisec	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Patterns (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) if Ant Mounds (D6) (LRR A) Heave Hummocks (D7)
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? Ves Saturation Present? Yes	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks (B8) No Depth (inches): Depth (inches): Depth (inches):	B) 3) cong Living Root (C4) Tilled Soils (C6) s (D1) (LRR A) s) Wetla	Secondary Water- 4A, Draina Dry-Se Satura Second FAC-N Raised Frost-N	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Pattems (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A) Heave Hummocks (D7)
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 (Bater) Surface Water Present? Ves Saturation Present? Ves	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks (B8) No Depth (inches): Depth (inches): Depth (inches):	B) 3) cong Living Root (C4) Tilled Soils (C6) s (D1) (LRR A) s) Wetla	Secondary Water- 4A, Draina Dry-Se Satura Second FAC-N Raised Frost-N	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Pattems (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A) Heave Hummocks (D7)
Proposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B5) Sparsely Vegetated Concave Surface (Field Observations: Surface Water Present? Primary Indicators (minimum of one require (Maintenacy (B4)) Ingh Water (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 (B6) Sparsely Vegetated Concave Surface (Field Observations: Surface Water Present? Water Table Present? Yes	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks (B8) No Depth (inches): Depth (inches): Depth (inches):	B) 3) cong Living Root (C4) Tilled Soils (C6) s (D1) (LRR A) s) Wetla	Secondary Water- 4A, Draina Dry-Se Satura Second FAC-N Raised Frost-N	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Pattems (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A) Heave Hummocks (D7)
Proposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B Sparsely Vegetated Concave Surface (B5) Surface Water (B7) 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 (B7) Surface Water Present? Yes Saturation Present? Yes Saturation Present? Yes Saturation Present? Yes Secribe Recorded Data (stream gauge, meaning the stream gauge, meaning t	Water-Stained Leaves (BS MLRA 1, 2, 4A, and 4I Salt Crust (B11) Aquatic Invertebrates (B1: Hydrogen Sulfide Odor (C Oxidized Rhizospheres all Presence of Reduced Iron Recent Iron Reduction in Stunted or Stressed Plant Other (Explain in Remarks (B8) No Depth (inches): Depth (inches): Depth (inches):	B) 3) cong Living Root (C4) Tilled Soils (C6) s (D1) (LRR A) s) Wetla	Secondary Water- 4A, Draina Dry-Se Satura Second FAC-N Raised Frost-N	Indicators (2 or more required) Stained Leaves (B9) (MLRA 1, 2, and 4B) ge Pattems (B10) eason Water Table (C2) tion Visible on Aerial Imagery (C9 orphic Position (D2) w Aquitard (D3) leutral Test (D5) I Ant Mounds (D6) (LRR A) Heave Hummocks (D7)

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Westpost Sampling Date: 4/26/2 Project/Site: Westport 5. P. City/County: Applicant/Owner: WA State Parks State: WA Sampling Point: 7 9 Investigator(s): B. Fletcher Section, Township, Range: Local relief (concave) convex, none): _____ Slope (%): ____ Landform (hillslope, terrace, etc.): Interdung! Subregion (LRR): A Lat: _____ Long: _____ Datum: Soil Map Unit Name: __ DUNE LONG 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? N Are "Normal Circumstances" present? Yes 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. Yes X No Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? X No within a Wetland? Wetland Hydrology Present? Remarks: Below normal precip. Photos 5-6 VEGETATION - Use scientific names of plants. Dominance Test worksheet: Absolute Dominant Indicator Tree Stratum (Plot size: ___ % Cover Species? Status Number of Dominant Species 1. Pinus contasta 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. Vaccinium gratum Total % Cover of: Multiply by: 2 Lonicera involverata OBL species x1= FACW species FAC species FACU species ___ = Total Cover UPL species Herb Stratum (Plot size: _ Column Totals: 1. Carex populat 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 Vegetation¹ (Explain) ¹Indicators 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 MDSS = 10%

Depth Matrix	epth needed to documer Redox F				
(inches) Color (moist) %	Color (moist)	% Ty	pe¹ Loc²	Texture	Remarks
0-6 2.544/2 99	104R3/4	1	m	6059	
-18 d. 544/ 93	107 R 3/4	7 (M, PL	Lo Sa_	
Type: C=Concentration, D=Depletion, Flydric Soil Indicators: (Applicable to Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4)		se noted.) 6) eral (F1) (ex		Indicators fo 2 cm Mu Red Par Very Sha	n: PL=Pore Lining, M=Matrix. or Problematic Hydric Solls ³ : ock (A10) ent Material (TF2) allow Dark Surface (TF12) explain in Remarks)
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1)	Depleted Matrix (F Redox Dark Surface Depleted Dark Sur	3) ce (F6)		3Indicators of	f hydrophytic vegetation and ydrology must be present,
Sandy Midcky Milleral (S1) Sandy Gleyed Matrix (S4)	Redox Depression				sturbed or problematic.
Restrictive Layer (if present):		0 (1 0)			No.
Type:					3-3
Depth (inches):				Hydric Soil Pres	sent? Yes X No
YDROLOGY					
Wetland Hydrology Indicators:	The Line Land				
Primary Indicators (minimum of one requ	ired; check all that apply)			Secondary	Indicators (2 or more 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	Salt Crust (B' Aquatic Inver Hydrogen Su Oxidized Rhiz Presence of F Recent Iron F Stunted or St (B7) Salt Crust (B' Aquatic Inver Hydrogen Su Oxidized Rhiz Other (Explain	2, 4A, and 4 (11) tebrates (B1) fide Odor (Cospheres al Reduced Iron teduction in ressed Plant	B) 3) (c1) long Living Roon (C4) Tilled Soils (C6 ts (D1) (LRR A)	## Draina ## Dry-Si ## 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 corphic Position (D2) ow Aquitard (D3) Neutral Test (D5) d Ant Mounds (D6) (LRR A) Heave Hummocks (D7)
Sparsely Vegetated Concave Surfac					
	No Depth (inche No Depth (inche No Depth (inche	s):		and Hydrology Pr	esent? Yes X No

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region We STADIT + Sampling Date: 4/26/21 Project/Site: West Port Applicant/Owner: 4 A State: WA Sampling Point: T Investigator(s): B. Fletcher Section, Township, Range: Landform (hillslope, terrace, etc.): Local relief (concave convex) none): Slope (%): Subregion (LRR): _ A Lat: Long: Datum: Soil Map Unit Name: DUNE Land NWI classification: Upland 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 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? u (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 Hydric Soil Present? within a Wetland? Wetland Hydrology Present? Remarks: 31ight /y PIPCIP 840+01 VEGETATION - Use scientific names of plants. Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: % Cover Species? Status **Number of Dominant Species** 1. Pinus contorta That Are OBL, FACW, or FAC: **Total Number of Dominant** Species Across All Strata: Percent of Dominant Species PO = Total Cover That Are OBL, FACW, or FAC: (A/B) Sapling/Shrub Stratum (Plot size: Prevalence Index worksheet: 1. Cytisus scoparius Total % Cover of: 2 Vaccinium ovatura OBL species _ x 1 = 3. Vaccinium FACW species FAC species FACU species = Total Cover x5= UPL species Herb Stratum (Plot size: 1. Poly stichum mun Column Totals: 2. (Grex BONLATA 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 (Explain) 10. 1Indicators 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

Remarks:

% Bare Ground in Herb Stratum

reduced

Profile Description: (Describe to the de Depth Matrix	Redox	x Feature	S			
(inches) Color (moist) %	Color (moist)	%	Type ¹	Loc2	Texture	Remarks
7-8 25414 100					1059	
P-18 2.54 4/2 99	10483/4	1	-	m	Losa	
4-10 4.51 /2 11	1 14 11 1	-			-0 -9	·
					-	-
			-			
	-				_	7
					_	
	-	-				
Type: C=Concentration, D=Depletion, RM	H-Poduced Matrix CC	-Covera	d or Coate	d Sand G	mine 21 o	cation: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to a				u Saini G		ors for Problematic Hydric Soils ³ :
						m Muck (A10)
_ Histosol (A1)	Sandy Redox (S					d Parent Material (TF2)
Histic Epipedon (A2) Black Histic (A3)	Stripped Matrix Loamy Mucky N	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1) (avean	MI DA 4		y Shallow Dark Surface (TF12)
	Loamy Gleyed I	and the property of the same		MLRA I		er (Explain in Remarks)
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11)		a distance in the	4)		_ 011	ici (Explair ili (Ciliaino)
Thick Dark Surface (A11)	Depleted Matrix	The state of the state of			3 _{Indicate}	ors of hydrophytic vegetation and
	Redox Dark Sur	and the second second	100			and hydrology must be present,
Sandy Mucky Mineral (S1)	Depleted Dark S Redox Depressi					ss disturbed or problematic.
Sandy Gleyed Matrix (S4) Restrictive Layer (if present):	Redox Depress	ions (Fo)			une.	as disturbed of problematic.
TATEL STREET						
Type:						Present? Yes No _X
Donald Graham's						
Depth (inches):					Hydric Soi	
YDROLOGY					Hydric Soi	
YDROLOGY Wetland Hydrology Indicators:						
YDROLOGY Wetland Hydrology Indicators:					Seco	ndary Indicators (2 or more required)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required Surface Water (A1)	Water-Stai	ined Leav		xcept	Seco	ondary Indicators (2 or more required) Nater-Stained Leaves (B9) (MLRA 1, 2,
Primary Indicators (minimum of one require	Water-Stai	ined Leav 1, 2, 4A,		xcept	Seco	ondary Indicators (2 or more required) Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1)	Water-Stai	ined Leav 1, 2, 4A,		xcept	Seco	ondary Indicators (2 or more required) Nater-Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requir Surface Water (A1) High Water Table (A2)	Water-Stai	ined Leav 1, 2, 4A, (B11)	and 4B)	xcept	Seco	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requir Surface Water (A1) High Water Table (A2) Saturation (A3)	Water-Stai MLRA Salt Crust	ined Leav 1, 2, 4A, (B11) vertebrate	and 4B) es (B13)	xcept	<u>Seco</u>	ndary Indicators (2 or more required) Vater-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 requir Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	Water-Stai MLRA Salt Crust Aquatic Inv	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide O	and 4B) es (B13) odor (C1)		Seco	ndary Indicators (2 or more required) Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary Indicators (minimum of one requires Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	Water-Stai MLRA Salt Crust Aquatic In Hydrogen	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe	and 4B) es (B13) dor (C1) eres along	Living Roo	Seco V ((South (C3) (ndary Indicators (2 or more required) Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (CS
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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-Stai MLRA Salt Crust Aquatic Im Hydrogen Oxidized R Presence of	ined Leave 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduce In Reduct	es (B13) dor (C1) eres along ed Iron (C4	Living Roo I) d Soils (Cd	Seco V (1 (2 (2 (3) (3)	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 (CS) Geomorphic Position (D2) Shallow Aquitard (D3)
Wetland Hydrology Indicators: Primary Indicators (minimum of one requir 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-Stai MLRA Salt Crust Aquatic In Hydrogen Oxidized R Presence of Recent Iron Stunted or	ined Leave 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduce n Reduct Stressed	es (B13) dor (C1) eres along ed Iron (C4 tion in Tille I Plants (D	Living Roo I) d Soils (Cd	Seco V C C ots (C3) C S	ondary 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 (CS) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Wetland Hydrology Indicators: Primary Indicators (minimum of one requires 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 Table Present?	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp (B8) No \(\sum \) Depth (inc No \(\sum \) Depth (inc	ined Leaving (B11) vertebrate Sulfide ORhizosphe of Reduction Redu	and 4B) es (B13) bdor (C1) eres along ed Iron (C4 ion in Tille I Plants (D ernarks)	Living Root) d Soils (Cl 1) (LRR A	<u>Seco</u> V (1) (2) (3) (3) (4) (5) (1) (1) (1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	Andary 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 (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 Project/Site: West Port Light S.P. city/county: West Port Applicant/Owner: State Parks Sampling Point: 5 Po 7 Investigator(s): P. Hamidi Section, Township, Range: Landform (hillslope, terrace, etc.): IN FUNDUM Local relief (concave, convex, none): Concave Slope (%): _ Subregion (LRR): Long: _ Lat: Datum: Soil Map Unit Name: 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 K , Soil ______, or Hydrology _____ naturally problematic? Are Vegetation (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 Hydric Soil Present? Is the Sampled Area No OK NO_ within a Wetland? Wetland Hydrology Present? Yes Remarks: VEGETATION - Use scientific names of plants. Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: % Cover Species? Status **Number of Dominant Species** DINUS conto 1-AC That Are OBL, FACW, or FAC: **Total Number of Dominant** Species Across All Strata: (B) Percent of Dominant Species 30 = Total Cover 100 That Are OBL, FACW, or FAC: Sapling/Shrub Stratum (Plot size: ____ Prevalence Index worksheet: 1. Salix hookeriena Total % Cover of: Multiply by: 2. Malus fusca OBL species 3. Spirazy dough451 ____x1= x2= FAC species FACU species 50 = Total Cover UPL species _____ x 5 = ____ Herb Stratum (Plot size: Column Totals: __ _ (A) ____ 1. Carex obnulta 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 (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation¹ (Explain) 10.__ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 60 = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Yes X No Present? D = Total Cover % Bare Ground in Herb Stratum Remarks:

	2,544/2 2,544/1		2,544/4 10484/4	Feature %	Type ¹	Loc ²	L. Her	Remarks
0-9				3	-			
				3	C	-		
				_		MIPL	1 FS	
	-/5 7 1/1	700		20	C	10	I Ec	
			11/1	<u>w</u>	_	10	Urs_	
			1/6					
				_		-		
			Reduced Matrix, CS			ed Sand Gra		: PL=Pore Lining, M=Matrix.
lydric Soil Inc	dicators: (Applic		RRs, unless other		ed.)			r Problematic Hydric Soils ³ :
_ Histosol (A	C. A.L.	_	Sandy Redox (S				2 cm Mu	
_ Histic Epip		-	_ Stripped Matrix		272.1.			ent Material (TF2)
Black Histi		-	_ Loamy Mucky N			t MLRA 1)		illow Dark Surface (TF12)
	Sulfide (A4)	- (444)	_ Loamy Gleyed I		2)		Other (Ex	xplain in Remarks)
	Below Dark Surfac Surface (A12)	E (A11) _	 Depleted Matrix Redox Dark Sur 				3Indicators of	hydrophytic vegetation and
	cky Mineral (S1)	-	_ Depleted Dark \$					drology must be present,
	eyed Matrix (S4)		_ Redox Depress		',			turbed or problematic.
	yer (if present):	-		V -/				
			4			-		
Depth (inch			= "				Hydric Soil Pres	ent? Yes & No
	-							
YDROLOG	Y							
Netland Hydr	ology Indicators:				-			A STATE OF THE STA
rimary Indica	tors (minimum of o	one required;	check all that apply	y)(y				Indicators (2 or more required)
Surface W	/ater (A1)		Water-Stai	ned Leav	res (B9) (except	_ ✓ Water-	Stained Leaves (B9) (MLRA 1, 2
High Wate	er Table (A2)		MLRA	1, 2, 4A,	and 4B)		4A,	and 4B)
⋉ Saturation	(A3)		Salt Crust	(B11)			Draina	ge Patterns (B10)
_ Water Mar	rks (B1)		Aquatic Inv				Dry-Se	eason Water Table (C2)
Sediment	Deposits (B2)		Hydrogen		- 1 - 1 - 1 - 1 - 1 - 1			tion Visible on Aerial Imagery (C
Drift Depo	sits (B3)		✓ Oxidized F					orphic Position (D2)
Algal Mat	or Crust (B4)		Presence					w Aquitard (D3)
_ Iron Depos	sits (B5)					ed Soils (C6)		leutral Test (D5)
_ Surface S	oil Cracks (B6)		the second secon			01) (LRR A)		d Ant Mounds (D6) (LRR A)
	Visible on Aerial			olain in Re	emarks)		Frost-l	Heave Hummocks (D7)
_ Sparsely \	egetated Concav	e Surface (B	3) .					
ield Observa	itions:							
Surface Water	Present? Y	'es N	Depth (inc	ches):		_		
Vater Table P	resent? Y	es X N	Depth (inc	ches):	13			
	sent? Y	es X N	Depth (inc	ches):	11	Wetla	and Hydrology Pre	esent? Yes No
Saturation Pre								
Saturation Pre-		ngalige mon	itoring well, aeriai p	onotos, pr	revious in	spections), i	r available:	
includes capill	orded Data (stream	. gaage, mon						
includes capill	orded Data (stream	· guage, mon					-	
includes capill Describe Reco	orded Data (stream	, gaage, men						

WETLAND DETERMINATION DAT			The second secon		4379
Project/Site: WestPort Light S.P.	City/	County: WEST	ron	_ Sampling Date: _	EP. TIC
Applicant/Owner: State Parks			State: WA	_ Sampling Point:	31-110
		tion, Township, Rar			44
andform (hillslope, terrace, etc.): DUNE	Loca	al relief (concave, o	convex, none):	Jux Slo	pe (%): <u>4</u>
Subregion (LRR):	Lat:	2 4 6 6	Long:	Datu	m:
Soil Map Unit Name: DUNE Land			NWI classifi	ication: UP/	end
Are climatic / hydrologic conditions on the site typical for this	lime of year?				
Are Vegetation, Soil, or Hydrology sig			Normal Circumstances"		Y No
Are Vegetation, Soil, or Hydrology na	And the state of t		eded, explain any answ		17
COUNTY OF THE PARTY OF THE PART					aturas etc
SUMMARY OF FINDINGS - Attach site map s	COL COLO COLO	mpling point lo	ocations, transect	s, important re	atures, etc.
Hydrophytic Vegetation Present? Yes No		Is the Sampled	Area		-
Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No		within a Wetlan	id? Yes	No_K_	
		-	12.0		
Remarks: Below normal Precip,				4	
Photos 196-198					
VEGETATION – Use scientific names of plants					
		ominant Indicator ecies? Status	Dominance Test wor	Section 19 August 19	
1. DINUS CONTORTS	60	Y FAC	Number of Dominant S That Are OBL, FACW,		(A)
2.				The state of the s	
3.			Total Number of Domi Species Across All Str	1.750.75	(B)
4.			Committee of the Committee of the	1	-
-15'	66 = I	otal Cover	Percent of Dominant S That Are OBL, FACW	or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size: 15	20 1	, ,,,,,	Prevalence Index wo		
1. Cytisus Scoperius	02 Y		Total % Cover of:	Multipl	y by:
2. Mahis fusca		FAC	OBL species	x1=	7
3. Maccinium oughum 4. Vaccinium Parvitolium		FACE	FACW species	x2=	
5. Franguia Porshiqua	3	FAC	FAC species	×3=	
A CONTRACTOR OF THE PARTY OF TH	79 -	otal Cover	FACU species	x4=	
Herb Stratum (Plot size: 5'		otal Cover	UPL species	x5=	
1 CANA ASSOCIATE	20	Y OBL	Column Totals:	(A)	(B)
2. Polystichum munitum		FACE	Prevalence Inde	ex = B/A =	
30			Hydrophytic Vegetat		
4			1 - Rapid Test for	Hydrophytic Vege	tation
5			2 - Dominance Te	est is >50%	
6			3 - Prevalence In	dex is ≤3.0 ¹	
7				Adaptations (Prov	
8				ks or on a separate	sheet)
9			5 - Wetland Non-		Carrow C
10				rophytic Vegetation	A
11	-21-		¹ Indicators of hydric s be present, unless dis	oil and wetland hyd	rology must
Woody Vine Stratum (Plot size: 15)	= To	otal Cover	20 process, among an	starboa or problem	
1.			moissacture.		
1	0		Hydrophytic Vegetation		
4	D = To	otal Cover	Present? Y	res X No_	
% Bare Ground in Herb Stratum					
76 Baro Great					

Profile Description: (Describe Depth Matrix	A PARTY OF		Feature	S				
(inches) Color (moist)	%	Color (moist)	%	Type ¹	Loc2	Texture	Remarks	
1-0						Lidder		
- 10 7 1-11/3	ion	-	_		_	LFS		
0-10 239912	07	2544/3	3	-	10	150		
10-18 6,54 4/	27/	ENY 1/3	-0			LFS	-	
, ,		311					- 4	
				-				
- 1				-	_		-	
	-		-	_		-	-	
			_	-	-		Contract Con	ow it or
Type: C=Concentration, D=De					ed Sand G		ocation: PL=Pore Lining, M=M	
lydric Soil Indicators: (Appli	cable to all			led.)			ators for Problematic Hydric S	ons .
Histosol (A1)		Sandy Redox (S					cm Muck (A10)	
Histic Epipedon (A2)		Stripped Matrix		4) (ed Parent Material (TF2) ery Shallow Dark Surface (TF12	2)
Black Histic (A3)		Loamy Mucky M			WLRA 1		ther (Explain in Remarks)	-/
 Hydrogen Sulfide (A4) Depleted Below Dark Surfa 	ce (A11)	Loamy Gleyed Matrix	Maria San San San San San San San San San Sa	2)		-	and (Explain in Normana)	
Thick Dark Surface (A12)	CC (A11)	Redox Dark Sur	The state of the state of)		3Indic	ators of hydrophytic vegetation a	and
Sandy Mucky Mineral (S1)		Depleted Dark S		C. Property			tland hydrology must be presen	
Sandy Gleyed Matrix (S4)	-	_ Redox Depressi		1			less disturbed or problematic.	
Restrictive Layer (if present):								
Type:					-	100		
Depth (inches):				·		Hydric S	oil Present? Yes N	O K.
enars.		-			-			
YDROLOGY		-1						
YDROLOGY Wetland Hydrology Indicators		od: check all that apply	v)			Se	condary Indicators (2 or more re	equired)
YDROLOGY Wetland Hydrology Indicators Primary Indicators (minimum of				ves (RO) /	excent	Se	condary Indicators (2 or more re	
YDROLOGY Wetland Hydrology Indicators Primary Indicators (minimum of Surface Water (A1)		Water-Stai	ned Leav		except	Se	Water-Stained Leaves (B9) (M	
YDROLOGY Wetland Hydrology Indicators Primary Indicators (minimum of Surface Water (A1) High Water Table (A2)		Water-Stai	ned Leav 1, 2, 4A,	ves (B9) (and 4B)	except	Se	Water-Stained Leaves (B9) (M 4A, and 4B)	
Wetland Hydrology Indicators Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3)		Water-Stai MLRA Salt Crust	ned Leav 1, 2, 4A, (B11)	and 4B)	except	<u>Se</u>	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10)	LRA 1, 2
Wetland Hydrology Indicators Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)		Water-Stai MLRA Salt Crust Aquatic Inv	ned Leav 1, 2, 4A, (B11) vertebrate	and 4B) es (B13)	except	<u>Se</u>	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)	LRA 1, 2
Wetland Hydrology Indicators Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O	and 4B) es (B13) odor (C1)		- E	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im	LRA 1, 2
Wetland Hydrology Indicators Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)		Water-Stai MLRA Salt Crust Aquatic Int Hydrogen Oxidized R	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O	es (B13) Odor (C1) eres along	ı Living Ro	- E	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2)	LRA 1, 2
Wetland Hydrology Indicators 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-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence	ned Leaven, 2, 4A, (B11) vertebrate Sulfide Othizosphe of Reduce	es (B13) Odor (C1) eres along ed Iron (C	ı Living Ro	ots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3)	LRA 1, 2
Wetland Hydrology Indicators 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-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O Rhizosphe of Reduct	es (B13) Odor (C1) eres along ed Iron (C	J Living Ro (4) ed Soils (C	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)	LRA 1, 2,
Wetland Hydrology Indicators 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-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O thizosphe of Reduct n Reduct Stressed	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I	J Living Ro (4) ed Soils (C	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LR	LRA 1, 2,
Wetland Hydrology Indicators 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	one require	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 thizosphe of Reduct n Reduct Stressed	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I	J Living Ro (4) ed Soils (C	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)	LRA 1, 2
Wetland Hydrology Indicators 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	one require	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 thizosphe of Reduct n Reduct Stressed	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I	J Living Ro (4) ed Soils (C	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LR	LRA 1, 2,
Wetland Hydrology Indicators 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	I Imagery (E ve Surface (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 Reduct Stressed	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I	J Living Ro (4) ed Soils (C	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LR	LRA 1, 2,
Wetland Hydrology Indicators 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 Field Observations: Surface Water Present?	I Imagery (Eve Surface	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp (B8)	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O thizosphe of Reduct n Reduct Stressed olain in Reduct	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I	J Living Ro (4) ed Soils (C	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LR	LRA 1, 2,
Wetland Hydrology Indicators 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 Field Observations: Surface Water Present? Water Table Present?	I Imagery (Eve Surface (Yes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Stunted or Other (Exp (B8)	ned Leav 1, 2, 4A, (B11) vertebrate Sulfide O thizosphe of Reduct n Reduct Stressed olain in Reduct ches):	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I	Living Ro (4) ed Soils (C O1) (LRR /	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRF Frost-Heave Hummocks (D7)	agery (CS
Wetland Hydrology Indicators 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 Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	I Imagery (Eve Surface (YesYesYes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Stunted or Other (Exp (B8) No Depth (inc	ned Leaving 1, 2, 4A, (B11) vertebrate Sulfide Othizosphe of Reduct Reduct Stressecolain in Reduct	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I emarks)	Living Ro (4) ed Soils (C (5) (1) (LRR /	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRF Frost-Heave Hummocks (D7)	LRA 1, 2
Wetland Hydrology Indicators 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 Field Observations: Surface Water Present? Water Table Present?	I Imagery (Eve Surface (YesYesYes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Stunted or Other (Exp (B8) No Depth (inc	ned Leaving 1, 2, 4A, (B11) vertebrate Sulfide Othizosphe of Reduct Reduct Stressecolain in Reduct	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I emarks)	Living Ro (4) ed Soils (C (5) (1) (LRR /	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRF Frost-Heave Hummocks (D7)	agery (CS
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Wetland Hydrology Indicators 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 Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (strea	I Imagery (Eve Surface (YesYesYes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Stunted or Other (Exp (B8) No Depth (inc	ned Leaving AA, (B11) vertebrate Sulfide Othizosphe of Reduct Reduct Stressecolain in Reduct Stressecolain in Reduct Ches):	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I emarks)	Living Ro (4) ed Soils (C (5) (1) (LRR /	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRF Frost-Heave Hummocks (D7)	agery (CS
Wetland Hydrology Indicators 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 Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (strea	I Imagery (Eve Surface (YesYesYes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Stunted or Other (Exp (B8) No Depth (inc	ned Leaving AA, (B11) vertebrate Sulfide Othizosphe of Reduct Reduct Stressecolain in Reduct Stressecolain in Reduct Ches):	es (B13) Odor (C1) eres along ed Iron (C tion in Tille d Plants (I emarks)	Living Ro (4) ed Soils (C (5) (1) (LRR /	oots (C3)	Water-Stained Leaves (B9) (M 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Im Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRF Frost-Heave Hummocks (D7)	agery (CS

WETLAND DETERMINATION DA	ATA FOR	W - Western Mc	ountains, Valleys, and Coast Region
Project/Site: Westport 5.P	(6	City/County: W	97 POST Sampling Date: 4/27/2
Applicant/Owner: WA State Parks			State: WA Sampling Point: T13-1
nvestigator(s): B. Fletcher			Range:
andform (hillslope, terrace, etc.): Interdunal			er convex, none): Slope (%):
Subregion (LRR): A			Long: Datum:
Soil Map Unit Name: DUNE Land	Lat		NWI classification: PF0 / S5
		A sales de	and a company of the
Are climatic / hydrologic conditions on the site typical for the			
Are Vegetation, Soil, or Hydrology			
Are Vegetation, Soil, or Hydrology	naturally pro	blematic? N (If	needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map	showing	sampling point	t locations, transects, important features, etc
Hydric Soil Present? Yes	No No	Is the Sampl within a Wet	
Remarks: Slightly below normal	Drec D		
	15.2.2.1	8	
Photos 7004-5			
VEGETATION – Use scientific names of pla	nts.		
Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Indicato Species? Status	
1. Salix hookerigna	7	X FACT	Number of Dominant Species That Are OBL, FACW, or FAC:(A)
2. Pincs contorta	25	X FAC	
3. Alnus rubra	_ 5	X FAC	Total Number of Dominant Species Across All Strata: (B)
4			
Sapling/Shrub Stratum (Plot size: 15)	3.0	= Total Cover	Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
1. Salix hookeriang	90	X FACY	Prevalence Index worksheet:
2. Vaccinium Bratum		FACU	Total Of Course of
3			OBL species x 1 =
4			FACW species x 2 =
5			FAC species x 3 =
· · · · · · · · · · · · · · · · · · ·	95	= Total Cover	FACU species x 4 = UPL species x 5 =
1. Carex of rept 9	95	X OBL	Column Totals: (A) (B)
2			
3.			Prevalence Index = B/A = Hydrophytic Vegetation Indicators:
4			1 - Rapid Test for Hydrophytic Vegetation
5			_ \(\sum_2 \) - Dominance Test is >50%
6			3 - Prevalence Index is ≤3.0¹
7			4 - Morphological Adaptations¹ (Provide supporting
8			data in Remarks or on a separate sheet)
9			5 - Wetland Non-Vascular Plants1
10.	-		Problematic Hydrophytic Vegetation¹ (Explain)
11	95	= Total Cover	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 5)			- Hydrophytic
2			Vegetation
		= Total Cover	Present? Yes No
% Bare Ground in Herb Stratum			
Actualis.			

Depth Matrix	Redox	Feature	S			
(inches) Color (moist) %	Color (moist)	- %	Type ¹	_Loc ²	Texture	Remarks
7-5 2.543/1 100	2				6059	
5-18) 5/9/1 91	104R3/6	2	C	M	4050	
3	7 5 VA3//	7	C	-	-	
	1.3 1K 1/2			IM	_	
				-		
		-	-		_	
		-		_		
		-				
Type: C=Concentration, D=Depletion, F				d Sand G		² Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to	. /		ted.)		India	cators for Problematic Hydric Soils ³ :
Histosol (A1)	X Sandy Redox (S					2 cm Muck (A10)
Histic Epipedon (A2)	Stripped Matrix			76320		Red Parent Material (TF2)
Black Histic (A3)	Loamy Mucky N	and the same of th	The latest and the same	MLRA 1)		Very Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	Loamy Gleyed I		2)		-	Other (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix	12 146			-	CALL TAXABLE AND STREET AND STREET
Thick Dark Surface (A12)	Redox Dark Sur					cators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark S					retland hydrology must be present,
Sandy Gleyed Matrix (S4) Restrictive Layer (if present):	Redox Depress	ions (F8)			u	nless disturbed or problematic.
Type:					San Land	Soil Present? Yes X No
Marin Rougest						Soil Prosont/ Yos /\ No
Depth (inches):Remarks:					Hydric	Son Present Pes NO
Remarks:					Hydric	Son Prosont
Remarks:					Hydric :	Son Prosont
Depth (inches):	vired; check all that appl	y)				econdary Indicators (2 or more required)
Remarks: YDROLOGY Wetland Hydrology Indicators:	vired; check all that appl Water-Sta		ves (B9) (e	xcept		
Remarks: IYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requ	Water-Sta			xcept		econdary Indicators (2 or more required)
Remarks: HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requ Surface Water (A1)	Water-Sta	ined Leav 1, 2, 4A,		xcept		econdary Indicators (2 or more required) _ Water-Stained Leaves (B9) (MLRA 1, 2,
Remarks: IYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requesting Surface Water (A1) High Water Table (A2)	Water-Sta	ined Leav 1, 2, 4A, (B11)	and 4B)	xcept		econdary Indicators (2 or more required) _ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) _ Drainage Patterns (B10)
Remarks: IYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requ Surface Water (A1) High Water Table (A2) Saturation (A3)	Water-Sta MLRA Salt Crust	ined Leav 1, 2, 4A, (B11) vertebrate	and 4B) es (B13)	xcept		econdary Indicators (2 or more required) _ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Remarks: IYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one requested and the control of the contro	Water-Stai MLRA Salt Crust Aquatic In Hydrogen	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide C	and 4B) es (B13)		Si	econdary 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 Indicators: Primary Indicators (minimum of one requestrated Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	Water-State MLRA Salt Crust Aquatic In Hydrogen Oxidized F	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe	and 4B) es (B13) odor (C1)	Living Ro	Si	econdary 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 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)	Water-State MLRA Salt Crust Aquatic In Hydrogen Oxidized F	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduc	es (B13) odor (C1) eres along ed Iron (C4	Living Ro	oots (C3)	econdary 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 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)	Water-State MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro	ined Leave 1, 2, 4A, (B11) vertebrate Sulfide C Rhizospho of Reduct n Reduct	es (B13) Odor (C1) eres along ed Iron (C4	Living Ro 1) d Soils (C		econdary 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 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)	Water-Stat MLRA Salt Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Stunted or	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduce n Reduce Stressee	es (B13) dor (C1) eres along ed Iron (C4) tion in Tille d Plants (D	Living Ro 1) d Soils (C		econdary 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 requested in the second in	Water-Stat MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Stunted or (B7) Other (Exp	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduce n Reduce Stressee	es (B13) dor (C1) eres along ed Iron (C4) tion in Tille d Plants (D	Living Ro 1) d Soils (C		econdary 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 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	Water-Stat MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Stunted or (B7) Other (Exp	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduce n Reduce Stressee	es (B13) dor (C1) eres along ed Iron (C4) tion in Tille d Plants (D	Living Ro 1) d Soils (C		econdary 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 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 Field Observations:	Water-State MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Stunted or (B7) Other (Exp	ined Leav 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduct n Reduct Stressed plain in Re	es (B13) dor (C1) eres along ed Iron (C4) tion in Tille d Plants (D	Living Ro 1) d Soils (C		econdary 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 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 Field Observations:	Water-State MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Stunted or Stunted or (B7) Other (Expect (B8)	ined Lead 1, 2, 4A, (B11) vertebrate Sulfide C Rhizospho of Reduct of Reduct Stressed blain in Reduct	es (B13) dor (C1) eres along ed Iron (C4) tion in Tille d Plants (D	Living Ro 1) d Soils (C		econdary 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: Remarks: Remarks: 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 Field Observations: Surface Water Present? Yes Water Table Present?	Water-Stai MLRA Salt Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Stunted or Other (Exp De (B8) Depth (inc	ned Leavent 1, 2, 4A, (B11) vertebrate Sulfide CRhizosphoof Reduction Reduct	es (B13) dor (C1) eres along ed Iron (C4) tion in Tille d Plants (D	Living Ro	oots (C3) 2	econdary 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: Remarks: Remarks: 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 Field Observations: Surface Water Present? Yes Water Table Present? Yes Saturation Present?	Water-State MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Stunted or Stunted or (B7) Other (Expect (B8)	ned Leavent 1, 2, 4A, (B11) vertebrate Sulfide CRhizosphoof Reduction Reduct	es (B13) dor (C1) eres along ed Iron (C4) tion in Tille d Plants (D	Living Ro	oots (C3) 2	econdary 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: Remarks: Remarks: 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 Field Observations: Surface Water Present? Yes Water Table Present?	Water-Stai MLRA Salt Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Stunted or (B7) Other (Expect (B8) No Depth (inc	ined Lean 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduce n Reduce stressee plain in Reduce ches): ches): ches): ches):	es (B13) Door (C1) eres along ed Iron (C4 tion in Tille d Plants (D emarks)	Living Ro	oots (C3)	econdary 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 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 Field Observations: Surface Water Present? Water Table Present? Yes Vater Table Present? Yes Saturation Present? Yes (includes capillary fringe)	Water-Stai MLRA Salt Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Stunted or (B7) Other (Expect (B8) No Depth (inc	ined Lean 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduce n Reduce stressee plain in Reduce ches): ches): ches): ches):	es (B13) Door (C1) eres along ed Iron (C4 tion in Tille d Plants (D emarks)	Living Ro	oots (C3)	econdary 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)
Primary Indicators (minimum of one requester 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 Table Present? Yes (includes capillary fringe) Describe Recorded Data (stream gauge,	Water-Stai MLRA Salt Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Stunted or (B7) Other (Expect (B8) No Depth (inc	ined Lean 1, 2, 4A, (B11) vertebrate Sulfide C Rhizosphe of Reduce n Reduce stressee plain in Reduce ches): ches): ches): ches):	es (B13) Door (C1) eres along ed Iron (C4 tion in Tille d Plants (D emarks)	Living Ro	oots (C3)	econdary 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

roject/Site: West part S. P.) (City/Count	y: <u>4e</u>	ST POTT Sampling Date: 4/27/2
pplicant/Owner: WA State Parks				State: WA Sampling Point: T/2-2
vestigator(s): B. Fletcher		Section, To	ownship, Ra	inge:
andform (hillslope, terrace, etc.): /n+erduna	1	Local relie	f (concave	convex-none): Slope (%):
ubregion (LRR):	Lat:			Long: Datum:
oil Map Unit Name: Dune Land				NWI classification: Upland
re climatic / hydrologic conditions on the site typical for	r this time of ve	ar? Yes	No	
re Vegetation, Soil, or Hydrology	A STATE OF THE PARTY OF THE PAR		75 77 11 1	
re Vegetation, Soil, or Hydrology				
	The Land of			eeded, explain any answers in Remarks.)
UMMARY OF FINDINGS - Attach site m	ap showing	sampli	ng point l	ocations, transects, important features, etc
	No_×	11 (87)		rios.
Hydric Soil Present? Yes		1000	he Sampled	
Wetland Hydrology Present? Yes			hin a Wetlar	ndr fesNo
Remarks: Slightly below norm	nal frec	: P.		
Photos 7006-7				
EGETATION - Use scientific names of p	lants.			
Tree Stratum (Plot size: 20 *)	Absolute	THE PARTY OF THE P	t Indicator	Dominance Test worksheet:
1. Pinus conterta	% Cover	Species?		Number of Dominant Species
2			FAC	That Are OBL, FACW, or FAC: (A)
3				Total Number of Dominant
4		-	_	Species Across All Strata: (B)
16-	70	= Total C	over	Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)
Sapling/Shrub Stratum (Plot size: 15	1.0	10	MPL	Prevalence Index worksheet:
1. Cytisus scoparius	-10	_X	EALL	Total % Cover of: Multiply by:
2. Waccinium Diatum			FACU	OBL species x 1 =
3				FACW species x 2 =
4		-		FAC species x 3 =
*		= Total C	over	FACU species x 4 =
Herb Stratum (Plot size: 5		_ Total C		UPL species x 5 =
1. Carex obnuta	30	X	DBT	Column Totals: (A) (B)
2. Hypochaeris radicata	5		FACU	Prevalence Index = B/A =
3. Schedanorus arundinaceus			FAC	Hydrophytic Vegetation Indicators:
4				1 - Rapid Test for Hydrophytic Vegetation
5				2 - Dominance Test is >50%
6				3 - Prevalence Index is ≤3.01
7				4 - Morphological Adaptations¹ (Provide supporting
8			_	data in Remarks or on a separate sheet)
9				5 - Wetland Non-Vascular Plants ¹
10			-	Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must
11				be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 5	-	= Total Co	ver	i a san
1				Hydrophytic
2				Vegetation
	40	= Total Co	ver	Present? Yes No
% Bare Ground in Herb Stratum		1		
x flot size reduced due to s,	. 11 1	1 1	1	

	-	1	1
Sampling Point:		12-	d

Depth	Matrix		Redox Features		
	r (moist)	%		oc ² Textur	e Remarks
0-18 2.5	Y4/5	100		Losa	
	11/4				
					_
+					
	_				
				7.55	
Type: C=Concentrati	ion, D=Dep	letion, RM=R	educed Matrix, CS=Covered or Coated S	and Grains.	² Location: PL=Pore Lining, M=Matrix.
	s: (Applic	able to all Li	RRs, unless otherwise noted.)	Indi	cators for Problematic Hydric Soils ³ :
Histosol (A1)		-	_ Sandy Redox (S5)	0-	2 cm Muck (A10)
Histic Epipedon (/	A2)	-	_ Stripped Matrix (S6)	SVe P	Red Parent Material (TF2)
Black Histic (A3)	/A N	-	Loamy Mucky Mineral (F1) (except ML		Very Shallow Dark Surface (TF12)
Hydrogen Sulfide			_ Loamy Gleyed Matrix (F2)	-	Other (Explain in Remarks)
Depleted Below D		e (A11) _	_ Depleted Matrix (F3)	3	
Thick Dark Surface	and the second second	-	_ Redox Dark Surface (F6)		icators of hydrophytic vegetation and
Sandy Mucky Min Sandy Gleyed Ma	and the same and the same	4	_ Depleted Dark Surface (F7)		vetland hydrology must be present,
Restrictive Layer (if	and the second second second second	-	_ Redox Depressions (F8)	-	inless disturbed or problematic.
The second secon	presenty.				
Type:			-	74028	V
Depth (inches):				Hydric	Soil Present? Yes No
IYDROLOGY Wetland Hydrology I	Indicators:				
and the second s					
Primary Indicators (mi			check all that apply)	<u>s</u>	econdary Indicators (2 or more required)
Primary Indicators (mi Surface Water (A	inimum of o		check all that apply) Water-Stained Leaves (B9) (exce		econdary Indicators (2 or more required) _ Water-Stained Leaves (B9) (MLRA 1, 2,
	inimum of o		A CONTRACT OF STREET ASSESSMENT OF STREET ASSESSMEN		
Surface Water (A	inimum of o		Water-Stained Leaves (B9) (exce		_ Water-Stained Leaves (B9) (MLRA 1, 2,
Surface Water (A High Water Table	inimum of o		Water-Stained Leaves (B9) (exce MLRA 1, 2, 4A, and 4B)		Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Surface Water (A High Water Table Saturation (A3) Water Marks (B1)	inimum of c (1) (A2)		Water-Stained Leaves (B9) (exce MLRA 1, 2, 4A, and 4B) Salt Crust (B11)		Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
Surface Water (A High Water Table Saturation (A3)	inimum of c (1) (A2)) tts (B2)		Water-Stained Leaves (B9) (exce 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)
Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposit	inimum of c (1) (A2) tts (B2)		Water-Stained Leaves (B9) (exce MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	ept _	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9)
Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposit Drift Deposits (B3	inimum of c (1) (A2)) ts (B2) (3) (st (B4)		Water-Stained Leaves (B9) (excellent MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Livit	ept ng Roots (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)
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WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: WestASTA 5.P. City/County: 4est port Sampling Date: 4 Applicant/Owner: WA State Parks State: WA Sampling Point: T Investigator(s): B Flotcher Section, Township, Range: Landform (hillslope, terrace, etc.): Interdunal Local relief (concave, convex, none): Subregion (LRR): A Soil Map Unit Name: DUNE Land ___ NWI classification: PFo/ = M 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 _____ 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? Is the Sampled Area Hydric Soil Present? within a Wetland? Wetland Hydrology Present? Yes Remarks: Stahtly below normal 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 CONTOCTA That Are OBL, FACW, or FAC: (A) Total Number of Dominant Species Across All Strata: (B) Percent of Dominant Species 2 0 = Total Cover That Are OBL, FACW, or FAC: (A/B) Prevalence Index worksheet: 1. Salix hooker and Total % Cover of: Multiply by: 2. Spirata douglasii OBL species _____ x 1 = ____ FACW species _____ x 2 = ____ FAC species _____ x 3 = _____ FACU species = Total Cover x 5 = Herb Stratum (Plot size: Column Totals: (A) 1. Carex objusta 2. Agrostis Stoloni Fora 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 (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants Problematic Hydrophytic Vegetation¹ (Explain) 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

Remarks:

% Bare Ground in Herb Stratum

Sampling Point: ## 13-/

Depth Matrix	Redox Features	-		
(inches) Color (moist) %	Color (moist) % Type ¹	Loc ²	Texture	Remarks
2-6 2.544/1 100	5		6059	
-18 2.574/1 93	10/R 4/6 7 C	M	6 5 g	
		=		
Type: C=Concentration, D=Depletion, lydric Soil Indicators: (Applicable to Histosol (A1)	RM=Reduced Matrix, CS=Covered or Coate all LRRs, unless otherwise noted.) Sandy Redox (S5)	ed Sand Gr	Indicators	on: PL=Pore Lining, M=Matrix. for Problematic Hydric Soils ³ : luck (A10)
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12)	 Stripped Matrix (S6) Loamy Mucky Mineral (F1) (exception of the composition of the	t MLRA 1)	Red Pa Very S Other (arent Material (TF2) hallow Dark Surface (TF12) Explain in Remarks) of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (F7)			hydrology must be present,
Sandy Gleyed Matrix (S4) Restrictive Layer (if present):	Redox Depressions (F8)		uniess d	isturbed or problematic.
PATRICIA DE MEDICA DE PATRICIA CANDEN				
Type:			w.i.e. 2.u2	· · · · · · · · · · · · · · · · · · ·
Depth (inches):			Hydric Soil Pr	esent? Yes X No
Vetland Hydrology Indicators:				
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one req				ry Indicators (2 or more required)
Netland Hydrology Indicators:	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 Roo 4) d Soils (C6	Wate Drain Dry Satu ats (C3) Shal ats (C3) Shal b) Rais	ny Indicators (2 or more required) er-Stained Leaves (B9) (MLRA 1, 2, A, and 4B) nage Patterns (B10) Season Water Table (C2) ration Visible on Aerial Imagery (C9 morphic Position (D2) low Aquitard (D3) -Neutral Test (D5) ed Ant Mounds (D6) (LRR A) t-Heave Hummocks (D7)
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Vetland Hydrology Indicators: Primary Indicators (minimum of one reg 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 Imagen Sparsely Vegetated Concave Surfa Field Observations: Surface Water Present? Ves Saturation Present? Yes Saturation Present? Yes Saturation Present? Yes Saturation Present? Yes Saturation Present?	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- y (B7) Ce (B8) Depth (inches):	Living Roo 4) d Soils (C6 01) (LRR A	Wate A Drain Dry Satu Shal Shal FAC Rais Fros	er-Stained Leaves (B9) (MLRA 1, 2, A, and 4B) nage Patterns (B10) Season Water Table (C2) ration Visible on Aerial Imagery (C9 morphic Position (D2) low Aquitard (D3) -Neutral Test (D5) ed Ant Mounds (D6) (LRR A) t-Heave Hummocks (D7)
Primary Indicators (minimum of one requirement Indicators (minimum of one requirement Indicators) Water 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 Imagent Sparsely Vegetated Concave Surfated Observations: Surface Water Present? Water Table Present? Yes Water Table Present? Yes Saturation Present? Yes Saturation Present? Yes Sincludes capillary fringe) Describe Recorded Data (stream gauge	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 V (B7) Other (Explain in Remarks) Ce (B8) Depth (inches): No Depth (inches):	Living Roo 4) d Soils (C6 01) (LRR A	Wate A Drain Dry Satu Shal Shal FAC Rais Fros	er-Stained Leaves (B9) (MLRA 1, 2, A, and 4B) nage Patterns (B10) Season Water Table (C2) ration Visible on Aerial Imagery (C9 morphic Position (D2) low Aquitard (D3) -Neutral Test (D5) ed Ant Mounds (D6) (LRR A) t-Heave Hummocks (D7)
Primary Indicators (minimum of one requirement Indicators (minimum of one requirement Indicators) Water 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 Imagenty Sparsely Vegetated Concave Surfative Indicators Field Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes Saturation Present? Yes Saturation Present? Yes Saturation Present? Yes	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 V (B7) Other (Explain in Remarks) ce (B8) No Depth (inches): No Depth (inches): No Depth (inches):	Living Roo 4) d Soils (C6 01) (LRR A) Wetla spections),	Wate 4 — Drain — Dry- — Satu Its (C3) — Geo — Shal — Rais — Fros — Fros	er-Stained Leaves (B9) (MLRA 1, 2 A, and 4B) nage Patterns (B10) Season Water Table (C2) ration Visible on Aerial Imagery (C9 morphic Position (D2) low Aquitard (D3) -Neutral Test (D5) ed Ant Mounds (D6) (LRR A) t-Heave Hummocks (D7)

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: West port 5 f City/County: WEST PART Sampling Date: 4/2) Applicant/Owner: U/A Sampling Point: _ Investigator(s): B. Fletcher Section, Township, Range: _ Landform (hillslope, terrace, etc.): Done 5 Local relief (concave, convex, none): Slope (%): Subregion (LRR): Lat: Datum: Soil Map Unit Name: DUNE LAND ___ NWI classification: UPIQUE 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 _____, 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 Hydric Soil Present? Is the Sampled Area Yes within a Wetland? Wetland Hydrology Present? No Remarks: Slightly below VEGETATION - Use scientific names of plants. Tree Stratum (Plot size: 36 Absolute Dominant Indicator Dominance Test worksheet: % 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: Sapling/Shrub Stratum (Plot size: 15 Prevalence Index worksheet: 1. Cy+15/13 Scoparius Total % Cover of: Multiply by: OBL species _____ x 1 = _____ FACW species ____ x 2 = FAC species x3= FACU species = Total Cover UPL species _____ x 5 = ____ Herb Stratum (Plot size: _ 30 OBL Column Totals: __ 1. Carex somupta __ (A) _____ (B) 2. Hypochaeris radicata 10 FACU Prevalence Index = B/A = FAC 3. Schedonoius orundinaceus 10 **Hydrophytic Vegetation Indicators:** FAC 4. Holeus lanatus 1 - Rapid Test for Hydrophytic Vegetation FACU 5. Plantago lanceplata 2 - Dominance Test is >50% 6. JUNCUS SP 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. __ ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. F = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Present? = Total Cover % Bare Ground in Herb Stratum

Remarks:

Profile Description: (Describe to the	he depth needed to docur	ment the indicator	or confirm	the absence	of indicato	ors.)
Depth Matrix		x Features				- Christian
1 1 2 2 2 1 1 1	% Color (moist)		_Loc2	Texture	-	Remarks
0-18 2.57 4/2 1	00			Losa	50.1	relatively loss
			Ξ			
Type: C=Concentration, D=Depletio	on, RM=Reduced Matrix, CS a to all LRRs, unless other	S=Covered or Coat	ed Sand Gr	rains. ² Loc		Pore Lining, M=Matrix.
Histosol (A1)	Sandy Redox (n Muck (A10	Charles and the contract of th
Histic Epipedon (A2)	Stripped Matrix	A CONTRACTOR OF THE PARTY OF TH		-	Parent Mat	
Black Histic (A3) Hydrogen Sulfide (A4)	Loamy Mucky N	Mineral (F1) (excep	MLRA 1)			ark Surface (TF12) n Remarks)
Depleted Below Dark Surface (A	11) Depleted Matrix				C. (Explain)	it i tomaino)
Thick Dark Surface (A12)	Redox Dark Su			3Indicate	ors of hydrop	phytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark			wetla	nd hydrolog	y must be present,
Sandy Gleyed Matrix (S4)	Redox Depress	sions (F8)		unles	s disturbed	or problematic.
Postrictivo aver/if present).						
Type:						X
Type:	s pile/bera	~		Hydric Soil	Present?	Yes No
Type:	s pile/bera	n		Hydric Soil	Present?	Yes No
Type:	pile/bera	~		Hydric Soil	Present?	Yes No <u>X</u>
Depth (inches):						
Type:	required; check all that app	ly)	excent	Secon	ndary Indica	ntors (2 or more required)
Type:	required; check all that app	ly) ined Leaves (B9) (except	Secon	ndary Indica Vater-Staine	ntors (2 or more required) ad Leaves (89) (MLRA 1,
Type:	required; check all that app Water-Sta MLRA	ly) ined Leaves (B9) (1, 2, 4A, and 4B)	except	Secon	ndary Indica Vater-Staine 4A, and 4	etors (2 or more required) ed Leaves (B9) (MLRA 1,
Type:	required; check all that app Water-Sta MLRA Salt Crust	ly) sined Leaves (B9) (1, 2, 4A, and 4B) (B11)	except	<u>Seco</u> i	ndary Indica Vater-Staine 4A, and 4 Prainage Pal	etors (2 or more required) ed Leaves (B9) (MLRA 1, eB) etterns (B10)
Type:	required; check all that app Water-Sta MLRA Salt Crust Aquatic In	ly) ined Leaves (B9) (1, 2, 4A, and 4B)	except	Secon	ndary Indica Vater-Staine 4A, and 4 Vrainage Pal	etors (2 or more required) ed Leaves (B9) (MLRA 1, B) tterns (B10) Water Table (C2)
Type:	required; check all that appl Water-Sta MLRA Salt Crust Aquatic In Hydrogen	ly) nined Leaves (B9) (1, 2, 4A, and 4B) (B11) nvertebrates (B13)		Secon V D D D D D D D S S	ndary Indica Vater-Staine 4A, and 4 Orainage Pat Ory-Season Vi Saturation Vi	etors (2 or more required) ed Leaves (B9) (MLRA 1, eB) etterns (B10)
Type:	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) (B11) (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C	g Living Roo (24)	Secon V E Sots (C3) S	ndary Indica Vater-Staine 4A, and 4 Orainage Pat Ory-Season Vi Saturation Vi	etors (2 or more required) ed Leaves (B9) (MLRA 1, 18) etterns (B10) Water Table (C2) esible on Aerial Imagery (C
Type: Depth (inches): Remarks: Potential opsil YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one in the continum of one in the con	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) (vertebrates (B13) Sulfide Odor (C1) Rhizospheres along	g Living Roo (24)	Secon V E Sots (C3) C Sot Sot F	ndary Indica Vater-Staine 4A, and 4 Orainage Pat Ory-Season Vi Saturation Vi Seomorphic Shallow Aqui	etors (2 or more required) ed Leaves (B9) (MLRA 1, 18) etterns (B10) Water Table (C2) esible on Aerial Imagery (C) Position (D2) etterns (D3) Test (D5)
Type:	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted o	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) Invertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Till or Stressed Plants (g Living Roo (4) ed Soils (C6	Secon — V — E — E — E — E — E — E — E — E — E — E	ndary Indica Vater-Staine 4A, and 4 Orainage Pal Ory-Season V Saturation Vi Seomorphic Shallow Aqui FAC-Neutral Raised Ant M	etors (2 or more required) and Leaves (B9) (MLRA 1, 18) Atterns (B10) Water Table (C2) Atterns (D2) Atterns (D3) Test (D5) Mounds (D6) (LRR A)
Type:	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted or gery (B7) Owder-Sta	ly) ained Leaves (B9) (1, 2, 4A, and 4B) (B11) avertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Till	g Living Roo (4) ed Soils (C6	Secon — V — E — E — E — E — E — E — E — E — E — E	ndary Indica Vater-Staine 4A, and 4 Orainage Pal Ory-Season V Saturation Vi Seomorphic Shallow Aqui FAC-Neutral Raised Ant M	etors (2 or more required) ed Leaves (B9) (MLRA 1, 18) etterns (B10) Water Table (C2) esible on Aerial Imagery (C) Position (D2) etterns (D3) Test (D5)
Type: Depth (inches): Remarks: Potential opoil YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one of the content of	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted or gery (B7) Owder-Sta	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) Invertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Till or Stressed Plants (g Living Roo (4) ed Soils (C6	Secon — V — E — E — E — E — E — E — E — E — E — E	ndary Indica Vater-Staine 4A, and 4 Orainage Pal Ory-Season V Saturation Vi Seomorphic Shallow Aqui FAC-Neutral Raised Ant M	etors (2 or more required) and Leaves (B9) (MLRA 1, 18) Atterns (B10) Water Table (C2) Atterns (D2) Atterns (D3) Test (D5) Mounds (D6) (LRR A)
Type: Depth (inches): Remarks: Potential opsil YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one of the content	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted or gery (B7) Other (Ex	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) Invertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Till or Stressed Plants (I	g Living Roo (4) ed Soils (C6	Secon — V — E — E — E — E — E — E — E — E — E — E	ndary Indica Vater-Staine 4A, and 4 Orainage Pal Ory-Season V Saturation Vi Seomorphic Shallow Aqui FAC-Neutral Raised Ant M	etors (2 or more required) and Leaves (B9) (MLRA 1, 18) Atterns (B10) Water Table (C2) Atterns (D2) Atterns (D3) Test (D5) Mounds (D6) (LRR A)
Type:	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted or gery (B7) No Depth (in	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) Invertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduced Iron in Till or Stressed Plants (Iplain in Remarks)	g Living Roo (4) ed Soils (C6	Secon — V — E — E — E — E — E — E — E — E — E — E	ndary Indica Vater-Staine 4A, and 4 Orainage Pal Ory-Season V Saturation Vi Seomorphic Shallow Aqui FAC-Neutral Raised Ant M	etors (2 or more required) and Leaves (B9) (MLRA 1, 18) Atterns (B10) Water Table (C2) Atterns (D2) Atterns (D3) Test (D5) Mounds (D6) (LRR A)
Type: Depth (inches): Remarks: Potential opolic Wetland Hydrology Indicators: Primary Indicators (minimum of one of	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted or gery (B7) Urface (B8) No Depth (in	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) Evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reducetion in Tille or Stressed Plants (I plain in Remarks) Exches):	g Living Roo (4) ed Soils (CE D1) (LRR A	Secon V Solts (C3) Solts (C3) F F	ndary Indica Vater-Staine 4A, and 4 Orainage Pal Ory-Season V Seaturation Vi Geomorphic Shallow Aqui FAC-Neutral Raised Ant M	etors (2 or more required) ad Leaves (B9) (MLRA 1, 1B) tterns (B10) Water Table (C2) isible on Aerial Imagery (C Position (D2) itard (D3) Test (D5) Mounds (D6) (LRR A) Hummocks (D7)
Type:	required; check all that app Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Stunted or gery (B7) Other (Exurface (B8) No Depth (in	ined Leaves (B9) (1, 2, 4A, and 4B) (B11) Exertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduced Iron (Con Reduction in Till or Stressed Plants (Iplain in Remarks) Exches): Exches):	g Living Roo (4) ed Soils (C6 D1) (LRR A	Secon — V — C — C — S obs (C3) — C — S) — F and Hydrolog	ndary Indica Vater-Staine 4A, and 4 Orainage Pal Ory-Season V Seaturation Vi Geomorphic Shallow Aqui FAC-Neutral Raised Ant M	etors (2 or more required) ad Leaves (B9) (MLRA 1, 1B) tterns (B10) Water Table (C2) isible on Aerial Imagery (C Position (D2) itard (D3) Test (D5) Mounds (D6) (LRR A) Hummocks (D7)

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Uzzat Post Light SP city/county: West Port Applicant/Owner: Hamidi Section, Township, Range: Investigator(s): Local relief (concave, convex, none): Con Cour Landform (hillslope, terrace, etc.): Long: Subregion (LRR): Lat: NWI classification: Soil Map Unit Name: 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.) __, Soil ___ ___, or Hydrology ____ naturally problematic? Are Vegetation ____ 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? within a Wetland? Wetland Hydrology Present? No Remarks: to ditten on FOR ditte VEGETATION - Use scientific names of plants. **Dominance Test worksheet:** Absolute Dominant Indicator Tree Stratum (Plot size: 30 % Cover Species? Status Number of Dominant Species lous rubra That Are OBL, FACW, or FAC: (A) **Total Number of Dominant** Species Across All Strata: (B) **Percent of Dominant Species** 100 = Total Cover That Are OBL, FACW, or FAC: (A/B) Sapling/Shrub Stratum (Plot size: _ Prevalence Index worksheet: rgeg dougla Total % Cover of: OBL species ____ x 1 = ____ FACW species _ x2= _ x3=_ FACU species **Total Cover UPL** species Herb Stratum (Plot size: 1. Carch Obnieta Column Totals: 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 Vegetation¹ (Explain) ¹Indicators 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:

Sampling Point: SP-7/4-1

	depth needed to docume	in the mulcati	or or commi	the absence of	maioators.)
Depth Matrix		Features		Tarabase	Remarks
(inches) Color (moist) %	Color (moist)	% Type	Loc²	Texture	Remarks
P 5 14 42,5 P-0	7 2,544/4	3 C	M	LPS_	
9-18 2,5441 90		10 C	M	LFS	200
W12		70 -			Open to the second of the seco
			7 7 7		
	<u> </u>				
				- 2	
¹ Type: C=Concentration, D=Depletion,	RM=Reduced Matrix, CS=	Covered or Co	ated Sand Gr		on: PL=Pore Lining, M=Matrix. for Problematic Hydric Soils ³ :
Hydric Soil Indicators: (Applicable to					fuck (A10)
Histosol (A1)	Sandy Redox (S5				arent Material (TF2)
Histic Epipedon (A2) Black Histic (A3)	Loamy Mucky Mir		ept MLRA 1)		hallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	Loamy Gleyed M		Par land		(Explain in Remarks)
Depleted Below Dark Surface (A11					
Thick Dark Surface (A12)	Redox Dark Surfa	ace (F6)			of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark St				hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox Depression	ns (F8)		unless	listurbed or problematic.
Restrictive Layer (if present):					
Type:					esent? Yes K No
Depth (inches):			456 4 35	Hydric Soil Pr	esent? Tes_V=_NO
YDROLOGY Wetland Hydrology Indicators:			01	100	
Primary Indicators (minimum of one re-	quired; check all that apply)			Capacity Commission Commission	ry Indicators (2 or more required)
Surface Water (A1)	The second secon	ed Leaves (B9)	(except	NA IAI-A	er-Stained Leaves (B9) (MLRA 1, 2,
High Water Table (A2)	MIRA 1	2 44 and 4D			
		2, 4A, and 4B		4	A, and 4B)
Saturation (A3)	Salt Crust (E	311))	Drai	A, and 4B) nage Patterns (B10)
Water Marks (B1)	Salt Crust (I	B11) ertebrates (B13))	Drai Dry-	A, and 4B) nage Patterns (B10) Season Water Table (C2)
Water Marks (B1) Sediment Deposits (B2)	Salt Crust (I Aquatic Inve	311) ertebrates (B13) ulfide Odor (C1		Drai	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9)
Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh	B11) ertebrates (B13) ulfide Odor (C1 izospheres alo)) ng Living Roo	Drai Dry- Satu	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2)
Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of	B11) ertebrates (B13) ulfide Odor (C1 izospheres alor Reduced Iron)) ng Living Roo (C4)	Drai Dry- Satu Sha	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3)
Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron	811) ertebrates (B13) ulfide Odor (C1 izospheres alo Reduced Iron Reduction in T)) ng Living Roo (C4) illed Soils (C6	Drai Dry- Satu Sha X FAC	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) C-Neutral Test (D5)
Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6)	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S	at 1) retebrates (B13) ulfide Odor (C1 izospheres alou Reduced Iron Reduction in Totressed Plants) ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	Drai Dry Satu sts (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) C-Neutral Test (D5) sed Ant Mounds (D6) (LRR A)
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	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S ry (B7) Salt Crust (I	811) ertebrates (B13) ulfide Odor (C1 izospheres alo Reduced Iron Reduction in T) ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	Drai Dry Satu sts (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) C-Neutral Test (D5)
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 Sparsely Vegetated Concave Surf	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S ry (B7) Salt Crust (I	at 1) retebrates (B13) ulfide Odor (C1 izospheres alou Reduced Iron Reduction in Totressed Plants) ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	Drai Dry Satu sts (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) C-Neutral Test (D5) sed Ant Mounds (D6) (LRR A)
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 Sparsely Vegetated Concave Surf	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S ry (B7) Other (Explanaec (B8)	at1) retebrates (B13) ulfide Odor (C1 izospheres alor Reduced Iron Reduction in Totressed Plants ain in Remarks)) ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	Drai Dry Satu sts (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) C-Neutral Test (D5) sed Ant Mounds (D6) (LRR A)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Yes	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S ry (B7) Other (Explanace (B8)	at1) Intebrates (B13) Intebrates (B13) Intebrates (B13) Intebrates (B13) Interpretation (C1) Interpretatio	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	Drai Dry Satu sts (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) C-Neutral Test (D5) sed Ant Mounds (D6) (LRR A)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S ry (B7) Other (Explanaec (B8)	at1) retebrates (B13) ulfide Odor (C1 izospheres alor Reduced Iron Reduction in To stressed Plants ain in Remarks) hes): hes):	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	Drai Dry- Satu Sha Sha Rais Fros	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) C-Neutral Test (D5) sed Ant Mounds (D6) (LRR A)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes (includes capillary fringe)	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S Ty (B7) Other (Explanace (B8) No Depth (inch No Depth (inch	at1) Intebrates (B13) Interpretation (B13) Interpretati	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	— Drai — Dry- — Satu its (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) S-Neutral Test (D5) sed Ant Mounds (D6) (LRR A) st-Heave Hummocks (D7)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Yes Water Table Present?	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S Ty (B7) Other (Explanace (B8) No Depth (inch No Depth (inch	at1) Intebrates (B13) Interpretation (B13) Interpretati	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	— Drai — Dry- — Satu its (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) S-Neutral Test (D5) sed Ant Mounds (D6) (LRR A) st-Heave Hummocks (D7)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes (includes capillary fringe) Describe Recorded Data (stream gaug	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S Other (Explanace (B8) No Depth (inch No Depth (inch No Depth (inch No Depth (inch e, monitoring well, aerial ph	at1) Intebrates (B13) Interpretation (B13) Interpretati	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	— Drai — Dry- — Satu its (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) S-Neutral Test (D5) sed Ant Mounds (D6) (LRR A) st-Heave Hummocks (D7)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes (includes capillary fringe) Describe Recorded Data (stream gaug	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S Other (Explanace (B8) No Depth (inch No Depth (inch No Depth (inch No Depth (inch e, monitoring well, aerial ph	at1) Intebrates (B13) Interpretation (B13) Interpretati	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	— Drai — Dry- — Satu its (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) S-Neutral Test (D5) sed Ant Mounds (D6) (LRR A) st-Heave Hummocks (D7)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes (includes capillary fringe) Describe Recorded Data (stream gaug	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S Other (Explanace (B8) No Depth (inch No Depth (inch No Depth (inch No Depth (inch e, monitoring well, aerial ph	at1) Intebrates (B13) Interpretation (B13) Interpretati	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	— Drai — Dry- — Satu its (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) S-Neutral Test (D5) sed Ant Mounds (D6) (LRR A) st-Heave Hummocks (D7)
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 Sparsely Vegetated Concave Surf Field Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes (includes capillary fringe) Describe Recorded Data (stream gaug	Salt Crust (I Aquatic Inve Hydrogen S Oxidized Rh Presence of Recent Iron Stunted or S Other (Explanace (B8) No Depth (inch No Depth (inch No Depth (inch No Depth (inch e, monitoring well, aerial ph	at1) Intebrates (B13) Interpretation (B13) Interpretati	ng Living Roo (C4) illed Soils (C6 (D1) (LRR A)	— Drai — Dry- — Satu its (C3)	A, and 4B) nage Patterns (B10) Season Water Table (C2) uration Visible on Aerial Imagery (C9) morphic Position (D2) Illow Aquitard (D3) S-Neutral Test (D5) sed Ant Mounds (D6) (LRR A) st-Heave Hummocks (D7)

			intains, Valleys, and Coast Region
Project/Site: WEST PORT		City/County:	25 T PO T + Sampling Date: 4/16/6
Applicant/Owner. 4 A State Park			
Investigator(s): B. Fletcher	1.	Section, Township, Ra	ange:
Landform (hillslope, terrace, etc.): At Dune la	185	Local relief (concave,	convex, (one)? Slope (%):
Subregion (LRR):	Lat:		Long: Datum:
Soil Map Unit Name: Ustfort Fine	Sand		NWI classification: PFO 6
Are climatic / hydrologic conditions on the site typical for	this time of ye	ar? YesX No _	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	_significantly	disturbed? MAre	"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology	_naturally pro	blematic? V (If no	eeded, explain any answers in Remarks.)
			locations, transects, important features, etc.
	No		
Hydrophytic Vegetation Present? Hydric Soil Present? Yes Yes Yes	No	Is the Sampleo	d Area
Wetland Hydrology Present? Yes	No	within a Wetla	nd? Yes No
Remarks:	443.0 mg	A STREET	prompt to with the second of the second of
A STATE OF THE STA			
Photos 9P1-3			
VEGETATION - Use scientific names of plants	ants.		
Tree Stratum (Plot size: 30	Absolute	Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:	% Cover	Species? Status FAC	Number of Dominant Species That Are OBL. FACW, or FAC: (A)
1. Alnus redia		7 17	That Are OBL, FACW, or FAC:(A)
2.			Total Number of Dominant Species Across All Strata: (B)
3			
	70	= Total Cover	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size:	11 7 11		Prevalence Index worksheet:
1. RUNCY Armenia CUS		-FAC	Total % Cover of: Multiply by:
2			OBL species x 1 =
3	_	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FACW species x 2 =
4			FAC species x 3 =
5.		= Total Cover	FACU species x 4 =
Herb Stratum (Plot size:	-		UPL species x 5 =
1. Carex objusta	106	X OBL	Column Totals: (A) (B)
2.			Prevalence Index = B/A =
3.	April 100	THE STREET	Hydrophytic Vegetation Indicators:
4			1 - Rapid Test for Hydrophytic Vegetation
5.	A COLOR TORK		2 - Dominance Test is >50%
6.		The American	3 - Prevalence Index is ≤3.01
7			4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
8.			5 - Wetland Non-Vascular Plants ¹
9			Problematic Hydrophytic Vegetation ¹ (Explain)
10			¹ Indicators of hydric soil and wetland hydrology must
11	100	= Total Cover	be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size:	1 1 1		the state of the state of the state of
1.			Hydrophytic
2. N/H	200		Vegetation Present? Yes No
as a second in black Start	1 - 1 - 1	= Total Cover	i leaeitti lea ito
% Bare Ground in Herb Stratum	-		
	0		
very lage, dense population	Of CA	015	

^	_	

Sampling Point: 14-16

(inches) Co - 6 (0) - 20 10	Polor (moist) PR2/1		alar (maci-4)	x Features		. 2		
	YR2/1		olor (moist)	%	Type ¹	_Loc ²	Texture _	Remarks
-70 10	482/1		/ .	7		_	32059	
40		90 10	YR 5/6	10		<u>M</u>	<u>Losa</u>	
	19				1	200	14,2 -1-	white I
					-	-	-	
Type: C=Concent	ration, D=Deple	etion, RM=Red	uced Matrix C.	S=Covered	or Coate		rains ² l ocati	ion: PL=Pore Lining, M=Matrix.
ydric Soil Indica	tors: (Applica	ole to all LRR	s, unless othe	rwise note	d.)	u Saiki G		for Problematic Hydric Soils ³ :
Histosol (A1)			Sandy Redox (/			fluck (A10)
Histic Epipedor	n (A2)		Stripped Matrix					arent Material (TF2)
Black Histic (A	3)		Loamy Mucky I) (excen	MI RA 1		hallow Dark Surface (TF12)
_ Hydrogen Sulfi		_	Loamy Gleyed Depleted Matrix	Matrix (F2)		(MERA I)		(Explain in Remarks)
Thick Dark Sur			Redox Dark Su				3Indicators	of hydrophytic vegetation and
_ Sandy Mucky I			Depleted Dark		7)			hydrology must be present,
_ Sandy Gleyed	Matrix (S4)		Redox Depress		10 10			disturbed or problematic.
estrictive Layer	(if present):	1 2 4	dien y la de	Service of the service of	100	27		CONTROL ON THE PARTY
Type: Depth (inches):		the House						resent? Yes X No
emarks:							Hydric Soil Pi	esent? Yes X No No
DROLOGY etland Hydrolog			Laski oʻr Agaz Jota (+	4	
rimary Indicators	and the second of the second	e required; che			(DO) (7.7	ary Indicators (2 or more required)
_ Surface Water	. ,			ained Leave		except		er-Stained Leaves (B9) (MLRA 1, 2
High Water Ta				1, 2, 4A, a	nd 4B)			IA, and 4B)
Saturation (A3)	하는 경험이 많은 사람이 하였다.		Salt Crust					inage Patterns (B10)
_ Water Marks (wertebrates				-Season Water Table (C2)
_ Sediment Dep	osits (B2)			Sulfide Od				uration Visible on Aerial Imagery (C
_ Drift Deposits	(B3)	ARIG THE	Oxidized	Rhizospher	res along	Living Ro	ots (C3) Geo	emorphic Position (D2)
_ Algal Mat or C	rust (B4)		Presence	of Reduce	d Iron (C	4)	Sha	llow Aquitard (D3)
_ Iron Deposits (B5)		Recent Iro	on Reduction	on in Tille	ed Soils (C	6) X FAC	C-Neutral Test (D5)
Surface Soil C	racks (B6)		Stunted o	r Stressed	Plants (D)1) (LRR A	A) Rai	sed Ant Mounds (D6) (LRR A)
_ Inundation Vis	ble on Aerial In	nagery (B7)	✓ Other (Ex.)	plain in Re	marks)		From	st-Heave Hummocks (D7)
Sparsely Vege	tated Concave	Surface (B8)						
	s:	Frie et	\$ 1		-	-		7
	sent? Ye	s No	X Depth (in	iches):				
ield Observation		s X No	Depth (in		16	A		
ield Observation Surface Water Pres	nt? Ye	-			15	- Mot	Hand Hudralagu	Present? Yes X No
ield Observation Surface Water Prese Vater Table Prese		S / NO	Deptri (in	icnes):	12	_ wet	tiand Hydrology	Present? Yes X No
ield Observation Surface Water Presovater Table Prese Saturation Present includes capillary	? Ye	and the same of	ing!!				if annilation	
Field Observation Surface Water Prese Vater Table Prese Saturation Present	? Ye	and the same of	ing well, aerial	photos, pre	evious in	spections)	, if available:	
Field Observation Surface Water Present Vater Table Present Saturation Present Includes capillary Describe Recorded	? Ye fringe) I Data (stream g	gauge, monitor						
Field Observation Surface Water Present Vater Table Present Saturation Present Includes capillary Describe Recorded	? Ye fringe) I Data (stream g	gauge, monitor						10 Trating Sant
Field Observation Surface Water Present Vater Table Present Saturation Present Includes capillary Describe Recorded	? Ye fringe) I Data (stream g	gauge, monitor						in growing seaso

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

Project/Site: West Port	(City)	Daniel Viest	+ POSA Sampling Date: 4/14/2
Applicant/Owner: WA State Park			State: WA Sampling Point: 715 - 1
		A SECOND SECOND	
Investigator(s): B. Fletcher			ange:
Landform (hillslope, terrace, etc.): Intendena	Loc	al relief (concave,	convex, none): Slope (%):
Subregion (LRR):	Lat:		_ Long: Datum:
Soil Map Unit Name: Done Lond			NWI classification: PFOA
Are climatic / hydrologic conditions on the site typical for	this time of year?	Yes Y No_	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology			
Are Vegetation, Soil, or Hydrology			
SUMMARY OF FINDINGS – Attach site ma		mpling point i	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No	Is the Sampled	1 Area
Hydric Soil Present? Yes	No	within a Wetlan	nd? Yes No
	No		2 1 1 1 1 1
Remarks: Plot in narrow swale/	depression.	Represent	rative of many others.
Photo 973			이번째에 보고 생기 전혀 나는 회사 때
VEGETATION – Use scientific names of pl	lante		
VEGETATION – Use scientific frames of pr		minant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:		ecies? Status	Number of Dominant Species 4
1. Alnus ryora	30	X FAC	That Are OBL, FACW, or FAC:(A)
2. Pinus Contorta	30	X FAC	Total Number of Dominant
3.	4.9.24		Species Across All Strata: (B)
4.			Percent of Dominant Species
15	60 =T	otal Cover	That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size:	25	Y ENG	Prevalence Index worksheet:
1. Vaccinium pratum	15	V FA h	Total % Cover of: Multiply by:
2. Morella californica		1760	OBL species x 1 =
3.			FACW species x 2 =
4.			FAC species x 3 =
5.	40 =7	otal Cover	FACU species x 4 =
Herb Stratum (Plot size:		otal Cover	UPL species x 5 =
1. Carex ponupta	75	X OBL	Column Totals: (A) (B)
2.			Prevalence Index = B/A =
3.	San Maria	Sales of the second	Hydrophytic Vegetation Indicators:
4	A CONTRACTOR OF THE		1 - Rapid Test for Hydrophytic Vegetation
5.		100000000000000000000000000000000000000	✓ 2 - Dominance Test is >50%
6.		AS 100 AS 100 AS 1	3 - Prevalence Index is ≤3.0¹
7.			4 - Morphological Adaptations ¹ (Provide supporting
8			data in Remarks or on a separate sheet)
9.			5 - Wetland Non-Vascular Plants ¹
10	4.00		Problematic Hydrophytic Vegetation¹ (Explain)
11.	7.		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 5	=T	otal Cover	
1. A A			
1. 1.		4	Hydrophytic Vegetation
4.		otal Cover	Present? Yes No
% Bare Ground in Herb Stratum	100	otal Covel	
Remarks:			/ /
* Tree size plat size relu	ced due	to small	finer ased
moss = 30%			
10/1 - 10/6			

Profile Description: (Describe to the depth	n needed to document to	he indicator	or confirm	the absence of indicators.)
Depth Matrix	Redox Feat		. 2	
(inches) Color (moist) %	Color (moist) %	Type ¹	_Loc²	Texture Remarks
0-1 Juff 100				
2-6 2.574/1 100	- , _			1059
6-18 2.544/1 97	2.5Y4/4_	L_C	M	L059
1.40	101R4/4 2	(M	to some some some some some some some som
		3 10 775	1	
			-	
		A Property		
	and the same of th	A Company	-	
¹ Type: C=Concentration, D=Depletion, RM=F	Reduced Matrix, CS=Cov	ered or Coate	d Sand Gr	ains. ² Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all L	RRs, unless otherwise	noted.)		Indicators for Problematic Hydric Soils ³ :
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		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)	F 0\		3t-diseases of budges budge vesselation and
Thick Dark Surface (A12)	Redox Dark Surface (³ Indicators of hydrophytic vegetation and wetland hydrology must be present,
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)	Depleted Dark Surface Redox Depressions (F			unless disturbed or problematic.
Restrictive Layer (if present):	Nedox Depressions (I	0)	1	diffess distarbed of problematic.
Type:				
Depth (inches):				Hydric Soil Present? Yes X No
Remarks;			1 1 10	Tryuno don't redent.
HYDROLOGY Wetland Hydrology Indicators:				
Primary Indicators (minimum of one required;	check all that apply)			Secondary Indicators (2 or more required)
Surface Water (A1)	X Water-Stained Le	eaves (B9) (e	xcept	Water-Stained Leaves (B9) (MLRA 1, 2,
High Water Table (A2)	MLRA 1, 2, 4	A, and 4B)	No.	4A, and 4B)
Saturation (A3)	Salt Crust (B11)	1000		Drainage Patterns (B10)
Water Marks (B1)	Aquatic Invertebr	. ,		Dry-Season Water Table (C2)
Sediment Deposits (B2)	Hydrogen Sulfide			Saturation Visible on Aerial Imagery (C9)
Drift Deposits (B3)	Oxidized Rhizosp			
Algal Mat or Crust (B4)	Presence of Red		THE PERSON N	Shallow Aquitard (D3)
Iron Deposits (B5)	Recent Iron Redu			
Surface Soil Cracks (B6)	Stunted or Stress		1) (LRR A)	
Inundation Visible on Aerial Imagery (B7)	TO SECURE A SECURE AND ADDRESS OF THE PARTY	Remarks)		Frost-Heave Hummocks (D7)
Sparsely Vegetated Concave Surface (B8	3)			
Field Observations:	V			
Surface Water Present? Yes No	Depth (inches):	12	-	
Water Table Present? Yes X	Depth (inches):	1/		
Saturation Present? Yes X No (includes capillary fringe)	Depth (inches):	16	_ Wetla	and Hydrology Present? Yes X No No
Describe Recorded Data (stream gauge, mon	itoring well, aerial photos,	, previous ins	pections), i	f available:
Remarks:			7	
water table expect	ed to be	at lea	5+ 9	higher earlier in the
graving season (ased on vi	1:+ 2	arel	5 "higher earlier in the es ago).
				<i>J</i> .

			untains, valleys, and coast Region
Project/Site: West fort			STPORT Sampling Date:
Applicant/Owner. 4 A State Parks			State: VA Sampling Point: 15-3
Investigator(s): B. Fletcher			
Landform (hillslope, terrace, etc.): Dune land		Local relief (concave,	,conve), none): Slope (%):
Subregion (LRR): A	Lat:		Long: Datum:
Soil Map Unit Name: Dore Lard			NWI classification:
Are climatic / hydrologic conditions on the site typical for	this time of year	ar? Yes X No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	_ significantly	disturbed? V Are	"Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	naturally pro	blematic? N (If n	needed, explain any answers in Remarks.)
			locations, transects, important features, etc
Hydrophytic Vegetation Present? Yes			
Hydric Soil Present? Yes	No X	Is the Sample within a Wetla	
	No X	Widili a West	
Photos 971-72		No.	
VEGETATION – Use scientific names of pl		Contract of the second	Dominance Test worksheet:
Tree Stratum (Plot size: 30)		Species? Status	Number of Dominant Species
1. Pinus contorta	40	X FAC	That Are OBL, FACW, or FAC: (A)
2.			Total Number of Dominant
3.	the state of		Species Across All Strata: (B)
4	40	= Total Cover	Percent of Dominant Species
Sapling/Shrub Stratum (Plot size: 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_= Total Cover	That Are OBL, FACW, or FAC: (A/B)
1. Vaccinium ovatum		X FACY	Prevalence Index worksheet:
2. CytiSus SIGPATIUS	10	X FACU	Total % Cover of: Multiply by:
3. Morella californica		FACh	OBL species x 1 = FACW species x 2 =
4.			FAC species x 3 =
5.	40	Market A. Calledon	FACU species x 4 =
Herb Stratum (Plot size; 5	73	= Total Cover	UPL species x 5 =
1. Carex of nunta	10	X OBL	Column Totals: (A) (B)
2.			Prevalence Index = B/A =
3.		2797 704 04 74	Hydrophytic Vegetation Indicators:
4.			1 - Rapid Test for Hydrophytic Vegetation
5.	80, 100 p. 61	The same of the sa	2 - Dominance Test is >50%
6.	SV DIRW		3 - Prevalence Index is ≤3.0¹
7.			4 - Morphological Adaptations (Provide supporting
8.			data in Remarks or on a separate sheet)
9.			5 - Wetland Non-Vascular Plants ¹ Problematic Hydrophytic Vegetation ¹ (Explain)
10			¹Indicators of hydric soil and wetland hydrology must
11.	10		be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 5		= Total Cover	
1. N/A		100 1 1000	Hydrophytic
2.	- A-4	and the same of the same	Vegetation
2		= Total Cover	Present? Yes No
% Bare Ground in Herb Stratum			
Remarks: $M051 = 60\%$			
And the same of th			

Type: C=Concentrate Hydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below	7 4/2 1 7 4/2 1 9 4/2 ion, D=Depletio	79 2	S74/4	x Features %	Type¹	Loc²	Losa Losa	Remarks
Type: C=Concentrate lydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below	y 4/2 1/2 / 4/2 ion, D=Depletio	30	574/4					2010
Type: C=Concentratydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below	y 4/2	19 2	574/4		<u> </u>			2.1.3149
Type: C=Concentratydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below	ion, D=Depletio		574/4				Losa	Tent stud
Type: C=Concentrat ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below	ion, D=Depletio							and some
ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below		n PM=Redu					-	and some
ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below		n PM=Redu						
ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below		p PM=Pedu		-	-5 T.3		The state of the last	The state of the s
ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below		n PM=Pedu						
ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below		n PM=Redu				The same		1
ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below		n PM=Pedu				-	-	-
ydric Soil Indicator Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below		n RM=Redu		-	Will the same		. 2.	
Histosol (A1) Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below	s: (Applicable					ed Sand G		ocation: PL=Pore Lining, M=Matrix. ors for Problematic Hydric Soils ³ :
Histic Epipedon (Black Histic (A3) Hydrogen Sulfide Depleted Below					ea.)			
Black Histic (A3) Hydrogen Sulfide Depleted Below	401		Sandy Redox (m Muck (A10) d Parent Material (TF2)
Hydrogen Sulfide Depleted Below	A2)		Stripped Matrix Loamy Mucky		1) (eveen	+ MI DA 1		ry Shallow Dark Surface (TF12)
Depleted Below	(84)		Loamy Gleyed			I WILKA I	,	her (Explain in Remarks)
The same of the sa			Depleted Matri		-/		_ 50	
Thick Dark Surfa			Redox Dark Si)		3Indicat	tors of hydrophytic vegetation and
Sandy Mucky Mi		_	Depleted Dark		,		wetl	land hydrology must be present,
Sandy Gleyed M		distribution of	Redox Depres	sions (F8)	mar.	La Salt	unle	ess disturbed or problematic.
lestrictive Layer (if	present):		A SHIP IN SHIP	4.7. 19	HOW !	19/11/	111111111111111111111111111111111111111	
Туре:	100	30.8					and the same	×
Depth (inches): _	535.0						Hydric So	il Present? Yes No
YDROLOGY Vetland Hydrology			and the			-		
Primary Indicators (n	ninimum of one	required; ch			- 7			condary Indicators (2 or more required)
Surface Water (A1)			tained Lea				Water-Stained Leaves (B9) (MLRA 1, 2,
High Water Tab	le (A2)		MLR	A 1, 2, 4A,	and 4B)			4A, and 4B)
Saturation (A3)			Salt Crus					Drainage Patterns (B10)
Water Marks (B	1)			Invertebrat				Dry-Season Water Table (C2)
Sediment Depos	sits (B2)			en Sulfide (-1.7-20-	Saturation Visible on Aerial Imagery (CS
Drift Deposits (E				Rhizosph		-	loots (C3)	Geomorphic Position (D2)
Algal Mat or Cru	ıst (B4)		The second second	e of Reduc				Shallow Aquitard (D3)
Iron Deposits (E				Iron Reduc				FAC-Neutral Test (D5)
Surface Soil Cra			the second secon	or Stresse			(A)	Raised Ant Mounds (D6) (LRR A)
Inundation Visit			Other (E	explain in F	Remarks)			Frost-Heave Hummocks (D7)
Sparsely Veget	ated Concave S	urface (B8)	or profession		m 5 8			,
Field Observations			. /					
Surface Water Pres	ent? Yes	No_	Depth ((inches): _				Part of the same of the
Water Table Presen	t? Yes	No _	Depth ((inches): _	-	_		V
Saturation Present?	Yes	No	X Depth	(inches): _	1000	w	letland Hydrol	logy Present? Yes No
(includes capillary fr Describe Recorded	inge) Data (stream g	auge, monito	oring well, aeri	al photos,	previous	inspection	ns), if available:	
	and hear		2004		white the	-	-	- Color Barbara
Remarks:					-			

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region (City/Pounty: West Port Sampling Date: 4/29 State: WA Sampling Point: T15 Investigator(s): B. Fletcher Section, Township, Range: ____ Landform (hillslope, terrace, etc.): Interduna Local relief (concave, convex, none): ___ Subregion (LRR): Long: Soil Map Unit Name: DUNZ Land NWI classification: No X (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 _ Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? N (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? X No_ Wetland Hydrology Present? Remarks: Slightly VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: % Cover Species? Status **Number of Dominant Species** That Are OBL, FACW, or FAC: Total Number of Dominant (B) Species Across All Strata: Percent of Dominant Species Sapling/Shrub Stratum (Plot size: 15 = Total Cover That Are OBL, FACW, or FAC: (A/B) Prevalence Index worksheet: 1. Pinus contorta Total % Cover of: Multiply by: 2. Spiraea daralasii OBL species _____ x 1 = ___ FACW species x2= FAC species _____ x 3 = ___ FACU species 5 / = Total Cover UPL species x 5 = Herb Stratum (Plot size: _ Column Totals: ___ 1. Carex nonvata 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 (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants1 Problematic Hydrophytic Vegetation¹ (Explain) 10. Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Woody Vine Stratum (Plot size: Hydrophytic Vegetation Present? = Total Cover % Bare Ground in Herb Stratum Remarks:

SOIL		Sampling Point: 156-/
Profile Description: (Describe to the described of the description) Depth Matrix Color (moist) % 3.574/1 100	Redox Features Color (moist) % Type Loc2	Texture Remarks
5-18 2.574/1 99		1089
Hydric Soil Indicators: (Applicable to		Indicators for Problematic Hydric Soils ³ :
Histosol (A1) 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)	Sandy Redox (S5) 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)	2 cm Muck (A10) 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.
Restrictive Layer (if present): Type: Depth (inches):		Hydric Soil Present? Yes No
Remarks: Hydric indicators From boundar	Stronger rouad century.	of wetland, away
HYDROLOGY	ý.	
Wetland Hydrology Indicators:	nired: check all that apply)	Secondary Indicators (2 or more required)

Wetland Hydrology Indicators: Primary Indicators (minimum of one required)	; check all that apply)	Secondary Indicators (2 or more 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 (B7) Sparsely Vegetated Concave Surface (B	And the second s	AA, and 4B) — Drainage Patterns (B10) — Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Ing Roots (C3) — Shallow Aquitard (D3) FAC-Neutral Test (D5)
Water Table Present? Yes N Saturation Present? Yes N (includes capillary fringe)	Depth (inches): Depth (inches): Depth (inches):	Wetland Hydrology Present? Yes No
Describe Recorded Data (stream gauge, mor	litoring well, aerial photos, previous inspe	ctions), if available:
Remarks: water table/saturate early growing sea	ion known to be	at least 6" higher in

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: West Part S.P. Cityleounty: West past Sampling Date: 4/29 Applicant/Owner: W 4 Sampling Point: 7 Investigator(s): B. Fletcher Section, Township, Range: Landform (hillslope, terrace, etc.): Local relief (concave, convex) none): Subregion (LRR): A Soil Map Unit Name: DUNK LAND NWI classification: UPland 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 _ 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___ Hydric Soil Present? Is the Sampled Area Yes ___ Wetland Hydrology Present? within a Wetland? No Remarks: Below normal 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: Sapling/Shrub Stratum (Plot size: Prevalence Index worksheet: 1. Cytisus scoparius Total % Cover of: 2. Pinus contacto OBL species _____ x 1 = ____ FACW species _____ x 2 = FAC species x3= FACU species = Total Cover UPL species __ x5= Herb Stratum (Plot size: 1. Holcus lantus Column Totals: 2. Carex oboutta OBL Prevalence Index = B/A = FACU fochaeris radicata Hydrophytic Vegetation Indicators: _ 1 - Rapid Test for Hydrophytic Vegetation PACW 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 (Explain) 10. ¹Indicators 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:

Color (moist) % Color (moist) % Type Loc	Profile Description: (Describe to the Depth Matrix		ox Feature				A CONTRACTOR OF THE PROPERTY O
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Total Capital Statistics (A1) Histosci (A1) Sandy Mucy Mineral (S1) Depleticed Each Surface (F6) Sandy Mucy Mineral (S1) Sandy Mucy Mineral (S1) Depleticed Each Surface (F6) Sandy Mucy Mineral (S1) Sandy Mucy Mineral (S1) Depleticed Each Surface (F6) Sandy Mucy Mineral (S1) Persent? Type: Depleticed Each Surface (F6) Surface Vater (A1) Water Marks (B1) Aquabic invertebrates (B3) Aquabic invertebrates (B3) Aquabic invertebrates (B3) Dirit Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Sediment Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Surface Vater (A1) Sandy Mucy Mineral (S1) Dirit Deposits (B3) Surface Vater (B4) Presence of Reduced Iron (C4) Sandy Mucy Mineral (S1) Prost-Heave Hummocks (D7) Spansely Vegetated Concave Surface (B8) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Frost-Heave Hummocks (D7) Wettand Hydrology Present? Yes No Depth (inches): Wettand Hydrology Present? Yes No Depth (inches): Depth (inches): No Mineral	(inches) Color (moist) 9	6 Color (moist)		Type	Loc ²	Texture	Remarks
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Thick of Carlot (Applicable to all LRRs, unless otherwise noted.) Indicators for Poterbematic Hydric Solis*: Indicators for Poter Solias*: Indicators for Poter Sol	0-8 12.54 4/2 16	0				L054	
Pype: C=Concentration, D=Deptetion, RM=Reduced Matrix, CS=Covered or Coaled Sand Grains. Cocation: PL=Pore Lining, M=Matrix, Vydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*	2-18 2-544/2 9	18 10 YA 4/C	1	-	M	1.50	
Pype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ^2Location: PL=Pore Lining, M=Matrix, vdric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*;	10 0-2 / 110 1		1/	-		6039	
Histosol (Ar) Sandy Redox (SS) Care Problematic Hydric Soils*: Landicators (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*: Agent Parent Material (TF2) Learny Mucky Mineral (F1) (except MLRA 1) Learny Mucky Mineral (F2) Other (Explain in Remarks) Other (Explain in Remarks		1.57R7/6	14				
Histosol (Ar) Sandy Redox (SS) Care Problematic Hydric Soils*: Landicators (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*: Agent Parent Material (TF2) Learny Mucky Mineral (F1) (except MLRA 1) Learny Mucky Mineral (F2) Other (Explain in Remarks) Other (Explain in Remarks							1
Histosol (Ar) Sandy Redox (SS) Care Problematic Hydric Soils*: Landicators (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*: Agent Parent Material (TF2) Learny Mucky Mineral (F1) (except MLRA 1) Learny Mucky Mineral (F2) Other (Explain in Remarks) Other (Explain in Remarks							
Histosol (A1)							
Histosol (A1)			-				·
Indicators (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*:							
Histos (A) Care C							
Indicators (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*:	Type: C=Concentration, D=Depletion	, RM=Reduced Matrix, C	S=Covere	d or Coate	d Sand G	rains. ² Lo	cation: PL=Pore Lining, M=Matrix.
Histic Epipedon (A2) Stripped Matrix (S6) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Using Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Using Red Matrix (F2) Other (Explain in Remarks) Depleted Below Dark Surface (A12) Redox Dark Surface (F6) Parent Material (S1) Depleted Matrix (F2) Peripeted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) Parent Material (S1) Depleted Dark Surface (F6) Parent Material (S1) Peripeted Dark Surface (F6) Parent Material (S1) Peripeted Dark Surface (F7) Parent Material (S1) Parent Parent Material (S1) Parent Parent Parent Material (S1) Parent P	ydric Soil Indicators: (Applicable	to all LRRs, unless other	rwise not	ed.)			ors for Problematic Hydric Soils ³ :
Histic Epipedon (A2) Stripped Matrix (S6) — Red Parent Material (TF2) High Vergen Sulfide (A4) — Loamy Mucky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A12) — Redox Dark Surface (F6) Sandy Mucky Mineral (S1) — Depleted Matrix (F2) Sandy Mucky Mineral (S1) — Depleted Dark Surface (F6) Sandy Mucky Mineral (S1) — Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) — Redox Dark Surface (F7) Redox Dark Surface (A12) — Redox Dark Surface (F8) Sandy Mucky Mineral (S1) — Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F8) — Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Popth (inches): — Hydric Soil Present? Yes No	_ Histosol (A1)	Sandy Redox	(S5)			2 cr	m Muck (A10)
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Depleted Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Sandy Mucky Mineral (S1) Septimary Indicators (F8) Wotland Hydrology Indicators: Indicators (Minimum of one required: check all that apply) Secondary Indicators (2 or more required) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Surface Water (A1) High Water Table (A2) MLRA 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B1) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imagery (C2) Drift Deposits (B3) Oxidized Rhitzospheres along Living Roots (C3) Geomorphic Position (D2) Iron Deposits (B3) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B3) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B3) Ieid Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrolog						Rec	Parent Material (TF2)
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): Wetland Hydrology Indicators: Permarks: WYDROLOGY Wetland Hydrology Indicators: Permarks: Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Saturation (A3) Saturation (A3) Saturation (A3) Saturation (A3) Saturation (A3) 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 Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Surface Soil Cracks (B8) Surface Soil Cracks (B8) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Surface Observations: Surface Soil Cracks (B6) Surface Cyber (Pack) Surface (B8) Surface (B8) Surface (B8) Surface (B6) Sur		Loamy Mucky	Mineral (F	1) (except	MLRA 1)	Ver	y Shallow Dark Surface (TF12)
Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Redox Depressions (F8) Redox Depressions (F8) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Indicators (S4) Redox Depressions (F8) Indicators (F7) Redox Depressions (F8) Indicators (F7) Unless disturbed or problematic. Indicators (If present): Type:				2)		Oth	er (Explain in Remarks)
Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) wetland hydrology must be present, unless disturbed or problematic. Readox Depressions (F8) Unless disturbed or problematic. Remarks: Hydric Soil Present? Yes No No No No No No No No		The second secon					
Sandy Gleyed Matrix (S4)							
Restrictive Layer (if present): Type:							요즘 이 경투를 걸으면 구구를 가지 않는데 하는데 가게 되어 하는데 없었다.
Type:		Redox Depres	sions (F8)			unles	ss disturbed or problematic.
Depth (inches):							
VPROLOGY Vetland 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 High Water Table (A2) MLRA 1, 2, 4A, and 4B) Saturation (A3) Water Marks (B1) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Coxidized Rhizospheres along Living Roots (C3) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Dry-Season Water Table (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Sparsely Vegetated Concave Surface (B8) Frost-Heave Hummocks (D7) Depth (inches): Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:						A Company	· · · · · · · · · · · · · · · · · · ·
Vertand 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 High Water Table (A2) MLRA 1, 2, 4A, and 4B) Saturation (A3) Water Marks (B1) Dorainage Patterns (B10) Presence of Reduced Iron (C1) Saturation (Visible on Aerial Imagery (C1) Saturation (Present) Yes No Dorainage Patterns (B10) Dorainage Patterns (B10) Dorainage Patterns (B10) Presence of Reduced Iron (C1) Saturation (Present) Yes No Dorainage Patterns (B10) Presence of Reduced Iron (C1) Saturation (Present) Yes No Dorainage Patterns (B10) Dorainage Patterns (B10) Presence of Reduced Iron (C1) Saturation (Pattern) Saturation (Pattern) Patterns (B10) Presence of Reduced Iron	Depth (inches):					Hydric Soil	Present? Yes No
Secondary Indicators (2 or more required) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Aquatic Invertebrates (B13) Drift Deposits (B3) Algal Mat or Crust (B4) Innudation Visible on Aerial Imagery (B7) Surface Soil Cracks (B6) Inudation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Secondary Indicators (2 or more required) Water Marks (B9) (except Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Ad, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Saturation Visible on Aerial Imagery (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Sparsely Vegetated Concave Surface (B8) Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No No Depth (inches): Secondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Ad, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C2) Saturation Visible on Aerial Imagery (C2) Saturation Visible on Aerial Imagery (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7) Frost-Heave Hummocks (D7) Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No No No Preservious inspections), if available:							
Surface Water (A1)							
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WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region west post light SP city/county: West Post Sampling Point: SP-7 Applicant/Owner: Hamidi Investigator(s): Section, Township, Range: Landform (hillslope, terrace, etc.): | Net do pal Local relief (concave, convex, none): Concave Slope (%): Subregion (LRR): Lat: Long: NWI classification: PFO 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 Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes __X__ (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 K No Is the Sampled Area Hydric Soil Present? within a Wetland? Yes X No_ Wetland Hydrology Present? Remarks: Transect The Photos 57-60 VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 38 % Cover Species? Status **Number of Dominant Species** Pinus contorta That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: (B) Percent of Dominant Species O = Total Cover That Are OBL, FACW, or FAC: (A/B) Sapling/Shrub Stratum (Plot size: Prevalence Index worksheet: 1. Lonicera involve Total % Cover of: Multiply by: 2. 58, 1429 ____ x1= OBL species FACW species ____ ____ x 2 = ___ FAC species ____ x 3 = FACU species 25 = Total Cover x 5 = Herb Stratum (Plot size: _ 1. Carex Obnupte Column Totals: 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 Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 70 = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Yes Z No____ Present? = Total Cover % Bare Ground in Herb Stratum Remarks:

Sampling Point: SP-T/6-1

Depth Matr (inches) Color (moist		Redo:	x Feature		. 3			-	l
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Type: C=Concentration, D=	Depletion, RM:	=Reduced Matrix, CS	S=Covered	d or Coate	ed Sand Gr	ains a	Location: PL	=Pore Linin	g. M=Matrix.
lydric Soil Indicators: (Ap	plicable to all	LRRs, unless other	wise not	ted.)	a cana cr				ydric Soils ³ :
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_ Histic Epipedon (A2)		Stripped Matrix					Red Parent M		
_ Black Histic (A3)		Loamy Mucky N	Aineral (F	1) (except	MLRA 1)		ery Shallow		
Hydrogen Sulfide (A4)		Loamy Gleyed I	Matrix (F2				Other (Explain		
Depleted Below Dark Su		Depleted Matrix							
_ Thick Dark Surface (A12		Redox Dark Su					ators of hydr		
Sandy Mucky Mineral (S		Depleted Dark					etland hydrolo		
Sandy Gleyed Matrix (S	*	Redox Depress	ions (F8)			ur	less disturbe	d or problem	natic.
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YDROLOGY Wetland Hydrology Indicat		ed; check all that apply	v)					r	more required)
YDROLOGY Wetland Hydrology Indicate				res (B9) (e	xcept	Se	condary India	cators (2 or n	more required)
YDROLOGY Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1)		Water-Stai	ined Leav	, , ,	xcept	Se	condary India Water-Stair	cators (2 or r	1
YDROLOGY Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2)		Water-Stai	ined Leav 1, 2, 4A, a	, , ,	xcept	Se	condary India Water-Stair	cators (2 or r ned Leaves (more required) (B9) (MLRA 1,
YDROLOGY Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3)		Water-Stai MLRA Salt Crust	ined Leav 1, 2, 4A, a (B11)	and 4B)	xcept	Se	condary India Water-Stain 4A, and Drainage P	cators (2 or rened Leaves (4B)	more required) (B9) (MLRA 1,
YDROLOGY Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)		Water-Stai MLRA Salt Crust Aquatic Inv	ined Leav 1, 2, 4A, a (B11) vertebrate	and 4B)	xcept	Se	condary India Water-Stair 4A, and Drainage P	cators (2 or med Leaves (48) ratterns (B10 n Water Tab	more required) (B9) (MLRA 1,
YDROLOGY Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide O	and 4B) es (B13) dor (C1)			condary India Water-Stain 4A, and Drainage P Dry-Season Saturation	cators (2 or rened Leaves (448) latterns (B10 in Water Tab Visible on Ai	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C
YDROLOGY Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)		Water-Stai MLRA Salt Crust Aquatic Inv	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizosphe	es (B13) dor (C1) eres along	Living Roo		Condary India Water-Stain 4A, and Drainage P Dry-Season Saturation Geomorphi	cators (2 or red Leaves (48) ratterns (B10 or Water Tab Visible on Arc Position (D	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C
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)		Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized F	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Oo Rhizosphe of Reduce	es (B13) dor (C1) eres along ed Iron (C4	Living Roo 4)	Se V	Condary India Water-Stair 4A, and Drainage P Dry-Seasor Saturation Geomorphi Shallow Ad	cators (2 or rened Leaves (4B) latterns (B10) latte	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C
Print Deposits (B3)	of one require	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide Or Rhizosphe of Reduce n Reducti	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille	Living Roo 4) d Soils (C6	Set (C3) >	Condary India Water-Stain 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Ac	cators (2 or rened Leaves (4B) latterns (B10) latte	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C
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)	of one require	MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence of Recent Iro Stunted or	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Roo 4) d Soils (C6	Set (C3) >	Condary India Water-Stair 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Ad FAC-Neutr Raised Ant	cators (2 or rened Leaves (4 4B) ratterns (B10 in Water Tab Visible on Artic Position (Duitard (D3) al Test (D5)	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02)
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	of one require . rial Imagery (B	Water-Stai MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence of Recent Iro Stunted or Other (Exp	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Roo 4) d Soils (C6	Set (C3) >	Condary India Water-Stair 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Ad FAC-Neutr Raised Ant	cators (2 or rened Leaves (4 4B) ratterns (B10 in Water Tab Visible on Aid C Position (Diuitard (D3) in Test (D5) in Mounds (D6)	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02)
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	of one require . rial Imagery (B	Water-Stai MLRA Salt Crust Aquatic Int Hydrogen Oxidized F Presence of Recent Iro Stunted or Other (Exp	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Roo 4) d Soils (C6	Set (C3) >	Condary India Water-Stair 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Ad FAC-Neutr Raised Ant	cators (2 or rened Leaves (4 4B) ratterns (B10 in Water Tab Visible on Aid C Position (Diuitard (D3) in Test (D5) in Mounds (D6)	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02)
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:	of one require	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp.	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti Stressed olain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Roo 4) d Soils (C6	Set (C3) >	Condary India Water-Stair 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Ad FAC-Neutr Raised Ant	cators (2 or rened Leaves (4 4B) ratterns (B10 in Water Tab Visible on Aid C Position (Diuitard (D3) in Test (D5) in Mounds (D6)	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02)
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?	of one require	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti Stressed blain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Roo 4) d Soils (C6	Set (C3) >	Condary India Water-Stair 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Ad FAC-Neutr Raised Ant	cators (2 or rened Leaves (4 4B) ratterns (B10 in Water Tab Visible on Aid C Position (Diuitard (D3) in Test (D5) in Mounds (D6)	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02)
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?	rial Imagery (B	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp (B8)	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Ochizosphe of Reduce n Reducti Stressed blain in Re ches):	es (B13) dor (C1) eres along ed Iron (C4 ion in Tilled I Plants (D	Living Roo 4) d Soils (C6 1) (LRR A)	sts (C3)	Condary India Water-Stair 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Act FAC-Neutr Raised Ant Frost-Heav	cators (2 or need Leaves (2 4B) ratterns (B10 n Water Tab Visible on Artic Position (Dialitard (D3) al Test (D5) Mounds (D6) re Hummock	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02) 6) (LRR A) s (D7)
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? Nater Table Present? Saturation Present? Includes capillary fringe)	rial Imagery (B cave Surface (Yes Yes Yes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp (B8) No Depth (inc No Depth (inc	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Ochizosphe 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 Roo 4) d Soils (C6 1) (LRR A)	sts (C3) 2	Condary India Water-Stain 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Act FAC-Neutr Raised Ant Frost-Heav	cators (2 or need Leaves (2 4B) ratterns (B10 n Water Tab Visible on Artic Position (Dialitard (D3) al Test (D5) Mounds (D6) re Hummock	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02) 6) (LRR A) s (D7)
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? Nater Table Present? Saturation Present? Includes capillary fringe)	rial Imagery (B cave Surface (Yes Yes Yes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp (B8) No Depth (inc No Depth (inc	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Ochizosphe 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 Roo 4) d Soils (C6 1) (LRR A)	sts (C3) 2	Condary India Water-Stain 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Act FAC-Neutr Raised Ant Frost-Heav	cators (2 or need Leaves (2 4B) ratterns (B10 n Water Tab Visible on Artic Position (Dialitard (D3) al Test (D5) Mounds (D6) re Hummock	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02) 6) (LRR A) s (D7)
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? Water Table Present? Saturation Present? Includes capillary fringe) Describe Recorded Data (str	rial Imagery (B cave Surface (Yes Yes Yes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp (B8) No Depth (inc No Depth (inc	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Ochizosphe 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 Roo 4) d Soils (C6 1) (LRR A)	sts (C3) 2	Condary India Water-Stain 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Act FAC-Neutr Raised Ant Frost-Heav	cators (2 or need Leaves (2 4B) ratterns (B10 n Water Tab Visible on Artic Position (Dialitard (D3) al Test (D5) Mounds (D6) re Hummock	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02) 6) (LRR A) s (D7)
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? Water Table Present?	rial Imagery (B cave Surface (Yes Yes Yes	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Stunted or Other (Exp (B8) No Depth (inc No Depth (inc	ined Leav 1, 2, 4A, a (B11) vertebrate Sulfide Ochizosphe 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 Roo 4) d Soils (C6 1) (LRR A)	sts (C3) 2	Condary India Water-Stain 4A, and Drainage P Dry-Season Saturation Geomorphi Shallow Act FAC-Neutr Raised Ant Frost-Heav	cators (2 or need Leaves (2 4B) ratterns (B10 n Water Tab Visible on Artic Position (Dialitard (D3) al Test (D5) Mounds (D6) re Hummock	more required) (B9) (MLRA 1, 0) le (C2) erial Imagery (C02) 6) (LRR A) s (D7)

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

	The state of the s	City/Coun	ty: WEST	Port Sampling Date: 4-14-2
Applicant/Owner: State PoxKS				State: WA Sampling Point: SR-716-
nvestigator(s): P. Hamidi				nge:
andform (hillstone terrace etc.): 1 wtw do.pe				convex, none): CONVEX Slope (%): 2.
				Long: Datum:
Soil Map Unit Name: DUNE Laud	Lat	la company		MAA classification: 120k And
Soli Map Unit Name: Done Date Date			V	NWI classification: UPKNO
Are climatic / hydrologic conditions on the site typical for				
Are Vegetation, Soil, or Hydrology	_ significantly	disturbed'		Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology	_ naturally pro	blematic?	(If ne	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site ma	p showing	sampli	ng point l	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No	18	1400	
Hydric Soil Present? Yes			the Sampled	//
Wetland Hydrology Present? Yes		wit	thin a Wetlan	nd? Yes No
Remarks:	PER EE	1 1 1		
Photos 61-63				
VEGETATION – Use scientific names of plants	ants.			
Tree Stratum (Plot size: 30')	Absolute		nt Indicator	Dominance Test worksheet:
	80	Species	? Status	Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2. Picza Sit-Chensis	10	7	EAC	That Are OBL, FACW, or FAC: (A)
2. + 1024 = 1. 013		10000	1110	Total Number of Dominant Species Across All Strata: (B)
4		9.000		Species Across All Strata: (B)
111	90	= Total C	Cover	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size: 15'	75	11	EACH	Prevalence Index worksheet:
1. Vaccinium ovatum		7	10100	Total % Cover of: Multiply by:
2.			0.0	OBL species x 1 =
3.				FACW species x 2 =
4.	546	2 - 1	The Laboratory	FAC species x 3 =
5	75	= Total C	Cover	FACU species x 4 =
Herb Stratum (Plot size:	1000			UPL species x 5 =
1. Carex Obnopos	20	4	06-	Column Totals: (A) (B)
2. Goodyera Oblangifolis		100	FACU	.Prevalence Index = B/A =
3				Hydrophytic Vegetation Indicators:
4.				1 - Rapid Test for Hydrophytic Vegetation
5		-		№ 2 - Dominance Test is >50%
6			<u> </u>	3 - Prevalence Index is ≤3.0¹
7				4 - Morphological Adaptations ¹ (Provide supporting
8				data in Remarks or on a separate sheet)
9	. //4		No. of Contract of	5 - Wetland Non-Vascular Plants ¹
10				Problematic Hydrophytic Vegetation¹ (Explain)
11		10000		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 15	20	= Total C	over	
voody vine Stratum (Flot size.				
1		- 100		Hydrophytic Vegetation
	0	= Total C	over	Present? Yes No No
% Bare Ground in Herb Stratum		_ Total C	ovei	
Remarks:				

Profile Description: (Describe to the depth needed to document the	indicators \
Depth Matrix Redox Feature (inches) Color (moist) % Color (moist) %	Type ¹ Loc ² Texture Remarks
0-7 loye 4/2,5 100	IK
7-12 2544/2 100	I fx
	13 1 iz
12-18 2,54 4/15 100	
The second secon	
	the state of the s
¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covere	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise no	요즘 하는 것이 있는 경기에서 살아보는 것이 되었다면 그 것이 하는 것이 되었다. 그는 그는 그는 그를 모르는 것이 되었다.
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 (F	
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F Depleted Below Dark Surface (A11) Depleted Matrix (F3)	2) Other (Explain in Remarks)
Depleted below bark Surface (A11) Redox Dark Surface (F6	³ Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1) Depleted Dark Surface (
Sandy Gleyed Matrix (S4) Redox Depressions (F8	
Restrictive Layer (if present):	
Type:	
Depth (inches):	Hydric Soil Present? Yes No
HYDROLOGY	
Wetland Hydrology Indicators:	
Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
Surface Water (A1) Water-Stained Lea	
High Water Table (A2) MLRA 1, 2, 4A,	
Saturation (A3) Salt Crust (B11)	Drainage Patterns (B10)
Water Marks (B1) Aquatic Invertebrat	그렇게 되는 뭐 하는 살아왔다. 그는 사이에 가고싶다고 그녀를 그는 얼마나 그렇게 하는 것이라고 말하는 하고 되어 있다.
Sediment Deposits (B2) Hydrogen Sulfide (
	eres along Living Roots (C3) Geomorphic Position (D2)
Algal Mat or Crust (B4) Presence of Reduc	
	ion in Tilled Soils (C6) FAC-Neutral Test (D5)
	Plants (D1) (LRR A) Raised Ant Mounds (D6) (LRR A)
 Inundation Visible on Aerial Imagery (B7) Other (Explain in R Sparsely Vegetated Concave Surface (B8)	emarks) Frost-Heave Hummocks (D7)
Field Observations:	
Surface Water Present? Yes No _X Depth (inches):	Con the state of t
	The last of the la
Saturation Present? Yes No Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes No 🖔
Describe Recorded Data (stream gauge, monitoring well, aerial photos, p	revious inspections), if available:
and the second second	<u> </u>
Remarks:	
The state of the s	2 × 60

WETLAND DETERMINATION DA				intains, valleys, and Coast Region	1
Project/Site: Westfort	(0	City/County:	wes	Sampling Date: 4/14/	9
Applicant/Owner wA State Parks			40 100 10	State: WA Sampling Point: T17-1	1
Investigator(s): B. Fletches				nge:	- 1.0
Landform (hillslope, terrace, etc.): Interdual		Local relief	(concave,	convex, (none): Slope (%):	_
Subregion (LRR):	_ Lat:			Long: Datum:	_
Soil Map Unit Name: DUNZ LAND				NWI classification: PFO b	_
Are climatic / hydrologic conditions on the site typical for thi	s time of yea	ar? Yes	<u>×</u> No_	(If no, explain in Remarks.)	
Are Vegetation, Soil, or Hydrologys	significantly of	disturbed?	✓ Are *	"Normal Circumstances" present? Yes X No	_
Are Vegetation, Soil, or Hydrologyr	naturally pro	blematic?	√ (If ne	eeded, explain any answers in Remarks.)	
SUMMARY OF FINDINGS - Attach site map	showing	samplin	g point l	ocations, transects, important features, etc	c.
Hydric Soil Present? Yes N	lo lo lo		e Sampled in a Wetlar	V	
Photos 96P-9			404000		
VEGETATION – Use scientific names of plan			18 8	and the second second second second	4
Tree Stratum (Plot size: 30)	Absolute % Cover	Dominant Species?	Status FA (Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: (A)	
1. Pinus contorta			307.3	Total Number of Dominant	
3.				Species Across All Strata: (B)	
4	55	= Total Co	ver	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B))
Sapling/Shrub Stratum (Plot size: 15	STORY IN			Prevalence Index worksheet:	_
1. Pinus Contorta	- ~		FA (Total % Cover of: Multiply by:	
2. Lonicera involverata			176	OBL species x 1 =	
3.			-	FACW species x 2 =	
4		11111	No.	FAC species x 3 =	
	3	= Total Co	ver	FACU species x 4 =	
Herb Stratum (Plot size:	80	1	OBL	UPL species x 5 =	
1. Carex obrupta	_ 00	_X_	002	Column Totals: (A) (B)	
3.				Prevalence Index = B/A =	1
		70.00		Hydrophytic Vegetation Indicators:	
5	De fraction	The state of	0.0	1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50%	
6.	HISTORY	温明等	585 -B	3 - Prevalence Index is ≤3.0¹	
7.		frage &	6 4-1	4 - Morphological Adaptations¹ (Provide supporting	a
8.				data in Remarks or on a separate sheet)	•
9.		18.00	There	5 - Wetland Non-Vascular Plants ¹	
10.	1000	200		Problematic Hydrophytic Vegetation¹ (Explain)	
11.	- 00	100 100 16	_	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
Woody Vine Stratum (Plot size: 5	40	_= Total Co	ver	A STATE OF THE STA	_
1				Hydrophytic	
2	Street Help		1	Vanatation	
	9 5 17	= Total Co	ver	Present? Yes No	
% Bare Ground in Herb Stratum		6 18	, ,		_
Remarks: Remaining groundcor Shrub cover too low to include	er mo	33 0.	d lea	+ litter.	
THILD COVER too low to enclude	c as	nom. 79	MT.		

Profile Description: (Describe to the Depth Matrix		Redox	<u>Feature</u>	S			
(inches) Color (moist) 9	6 Color (m			Type	Loc2	Texture	Remarks
2-0.5 Doff							
E S ANYRL					70.70		
5 5 (V/K)	^	-	-		100	100	
	0	<u> </u>					حمد المستعيد المراز في مستفيليوني
5-18 3.544/1 9	6 10YR	3/4	2		M	Losa	a later to the same of the sam
	1048	3/6	2	(M	Lasa	
	10 111	1-					
	1. 60 m 18. 700	the state of		The same	2 - Ch - Ch		
The Management of the Name	Carlo Carlo	monto.			-		
Type: C=Concentration, D=Depletion	RM=Reduced M	latrix CS=	Covere	d or Coate	d Sand G	raine ² l oc	ation: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable					u Saiki S		rs for Problematic Hydric Soils ³ :
Histosol (A1)	V	Redox (S5	A 11/2	,			Muck (A10)
Histic Epipedon (A2)	16.52	ed Matrix (S	-				Parent Material (TF2)
Black Histic (A3)	the second secon			1) (04000	MI DA 4	State of the state	Shallow Dark Surface (TF12)
		Mucky Mi			(MLRA 1)		
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A1)		Gleyed M		4)		Othe	er (Explain in Remarks)
		ed Matrix (31-41-4-	rs of hydrophytic vegetation and
Thick Dark Surface (A12)	The state of the s	Dark Surfa					
Sandy Mucky Mineral (S1)		ed Dark Su					nd hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox	Depressio	ons (F8)	7 97 4		unies	s disturbed or problematic.
Restrictive Layer (if present):							
Type:		1.50					V
Depth (inches):						Hydric Soil	Present? Yes No
But the state of	, in the American		d .				
YDROLOGY Wetland Hydrology Indicators:							
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re						The second second	dary Indicators (2 or more required)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re Surface Water (A1)		later-Stain	ed Leav		xcept	The second second	ater-Stained Leaves (B9) (MLRA 1, 2
YDROLOGY Netland Hydrology Indicators: Primary Indicators (minimum of one re Surface Water (A1) ✓ High Water Table (A2) ★	_ v	Vater-Stain	ed Leav		xcept	The second second	
YDROLOGY Netland Hydrology Indicators: Primary Indicators (minimum of one re Surface Water (A1) ✓ High Water Table (A2) ★	_ v	later-Stain	ed Leav		xcept	_ w	ater-Stained Leaves (B9) (MLRA 1, 2
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re Surface Water (A1) ✓ High Water Table (A2) ★	_ v	Vater-Stain	ed Leav , 2, 4A, : B11)	and 4B)	xcept	_ w	dater-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	_ v _ s _ A	Vater-Stain MLRA 1, alt Crust (E	ed Leav , 2, 4A, a B11) ertebrate	and 4B) es (B13)	xcept	_ w	dater-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) rainage Patterns (B10)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3)	_ v _ s _ a _ H	Water-Stain MLRA 1, alt Crust (E quatic Inve	ed Leav , 2, 4A, B11) ertebrate sulfide O	es (B13) dor (C1)		W D S	fater-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 re Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) ✓ Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	w s a H	Mater-Stain MLRA 1, alt Crust (E quatic Invel ydrogen S)xidized Rh	ed Leav , 2, 4A, B11) ertebrate sulfide O nizosphe	es (B13) dor (C1) eres along	Living Ro	W D S St ots (C3) G	dater-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C eomorphic Position (D2)
VDROLOGY Netland Hydrology Indicators: Primary Indicators (minimum of one re Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	W s A H C	Mater-Stain MLRA 1, alt Crust (E quatic Inve lydrogen S exidized Rh resence of	ed Leave , 2, 4A, a B11) ertebrate sulfide O nizosphe f Reduce	es (B13) dor (C1) eres along ed Iron (C	Living Root)	W D S S ots (C3) G S	rater-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) raturation Visible on Aerial Imagery (C eomorphic Position (D2) hallow Aquitard (D3)
VDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re 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)	W s A H C P	Mater-Stain MLRA 1, alt Crust (E quatic Inve lydrogen S exidized Rh resence of ecent Iron	ed Leave, 2, 4A, 3 B11) ertebrate sulfide Onizosphe f Reduce Reduce	es (B13) dor (C1) eres along ed Iron (Ca ion in Tille	Living Root) 4) d Soils (Co	W Di Di Si Si Si Si Si	Atter-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) aturation Visible on Aerial Imagery (C eomorphic Position (D2) hallow Aquitard (D3) AC-Neutral Test (D5)
YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re 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)	W S A H P R T	MLRA 1, alt Crust (E quatic Inve lydrogen S exidized Rh resence of ecent Iron tunted or S	ed Leave , 2, 4A, B11) ertebrate sulfide O nizosphe f Reduct Reduct Stressed	es (B13) dor (C1) eres along ed Iron (Cdion in Tille I Plants (D	Living Root) 4) d Soils (Co	W D D Si Si Si Si Si Si R	rater-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) raturation Visible on Aerial Imagery (Caeomorphic Position (D2) rhallow Aquitard (D3) AC-Neutral Test (D5) raised Ant Mounds (D6) (LRR A)
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YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one re 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 Sparsely Vegetated Concave Surficield Observations: Surface Water Present? Water Table Present? Yes Saturation Present? Yes Saturation Present?	- V - S - A - H - C - P - R S ery (B7) - C face (B8)	MLRA 1, alt Crust (E quatic Inve lydrogen S exidized Rh resence of ecent Iron tunted or S other (Explain	ed Leave, 2, 4A, 2, 4A, 311) ertebrate culfide Onizosphe f Reduct Reduct Stressed ain in Reductes):	and 4B) es (B13) dor (C1) eres along ed Iron (C4) ion in Tille I Plants (D4) emarks)	Living Root 4) d Soils (CO 1) (LRR A	W Di Di Si Si Si Si Fi Fi	rater-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) rainage Patterns (B10) ry-Season Water Table (C2) raturation Visible on Aerial Imagery (C eomorphic Position (D2) hallow Aquitard (D3) AC-Neutral Test (D5) raised Ant Mounds (D6) (LRR A) rost-Heave Hummocks (D7)
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WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region City/County: West part Sampling Date: 4/ Project/Site: WestforT State: 4 Sampling Point: T17 Applicant/Owner: WA State Investigator(s): B. Fletcher Section, Township, Range: ____ Landform (hillslope, terrace, etc.): Done lands Local relief (concave, convex, none): Datum: Subregion (LRR): Dune Land NWI classification: Soil Map Unit Name: 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? N Are "Normal Circumstances" present? Yes Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? $\,^{\mathcal{N}}\,$ (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Yes Hydrophytic Vegetation Present? Is the Sampled Area Hydric Soil Present? within a Wetland? Wetland Hydrology Present? Remarks: VEGETATION - Use scientific names of plants. **Dominance Test worksheet:** Absolute Dominant Indicator Tree Stratum (Plot size: 30 % Cover Species? Status **Number of Dominant Species** 1. Pinus contorta That Are OBL, FACW, or FAC: **Total Number of Dominant** (B) Species Across All Strata: **Percent of Dominant Species** 60 = Total Cover That Are OBL, FACW, or FAC: Sapling/Shrub Stratum (Plot size: Prevalence Index worksheet: A EW 1. CYTISUS SLOPATIUS Total % Cover of: 2. Vaccinium ovatum ____ x 1 = OBL species FACW species ___ x 2 = __ FAC species FACU species __ = Total Cover UPL species _____ x 5 = ____ Herb Stratum (Plot size: _ Column Totals: _____ (A) _____ (B) 1. Carex sonupta 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 Vegetation¹ (Explain) ¹Indicators 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: Remaining ground cover moss + needles

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coaled Sand Grains.	tureRemarks
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicators: (Appl	/
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Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Surface Water Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hy includes capillary fringe)	FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Staturation Present? Yes No Depth (inches): Staturation Present? Yes No Depth (inches): Staturation Present? Yes No Depth (inches):	Frost-Heave Hummocks (D7)
Field Observations: Surface Water Present? Ves No Depth (inches): Vater Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hy includes capillary fringe)	Host-Heave Hullindocks (D1)
Surface Water Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Yes No Depth (inches): Wetland Hy Includes capillary fringe)	
Vater Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hy includes capillary fringe)	
saturation Present? Yes No Depth (inches): Wetland Hy	
includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available	drology Present? Yes No _X_
Consider Para forearing and intering their bileton brande mehanning in atom	able:
	the special of the second second
Remarks:	
	The same and
	1

10.1 141.43	0 1.10	40.1
	T, City/County: W28	Sampling Date: 4-16-21
Applicant/Owner: State Parks		State: WA Sampling Point: SP-T/8-
Investigator(s): R. Hamidi	Section, Township, Ra	-
Landform (hillslope, terrace, etc.): Therdur	Local relief (concave,	convex, none): Con (Cou)e Slope (%):
		Long: Datum:
Soil Map Unit Name: Du Ne Land		NWI classification: PEMIC
Are climatic / hydrologic conditions on the site typical for the		
		"Normal Circumstances" present? Yes 🔏 No
Are Vegetation, Soil, or Hydrology		
Are Vegetation, Soil, or Hydrology	naturally problematic? (If ne	eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing sampling point l	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes		
Hydric Soil Present? Yes	No Is the Sampled within a Wetlan	
Wetland Hydrology Present? Yes	No Within a Wetiai	idr ies
Remarks:	TID 11.11	
	718-Wef1	
A SECTION OF THE PROPERTY OF T	eet 18	
VEGETATION – Use scientific names of pla	nts.	
Tree Stratum (Plot size: 30)	Absolute Dominant Indicator	Dominance Test worksheet:
	% Cover Species? Status	Number of Dominant Species That Are OBL, FACW, or FAC: (A)
	<u> </u>	That Ale OBL, FACW, of FAC.
2		Total Number of Dominant Species Across All Strata: (B)
4		Species Across Air Strata.
15'	5 = Total Cover	Percent of Dominant Species That Are OBL, FACW, or FAC: [A/B]
Sapling/Shrub Stratum (Plot size: 15'		Prevalence Index worksheet:
1.		Total % Cover of: Multiply by:
2		OBL species x 1 =
3.		FACW species x 2 =
4		FAC species x 3 =
5	- T-t-l C	FACU species x 4 =
Herb Stratum (Plot size:	= Total Cover	UPL species x 5 =
1. Carex Obruptes	10 V OBC	Column Totals: (A) (B)
2. Juncos falcatus	15 4 RACU	Prevalence Index = B/A =
3. Agrostis Stolon/fera	5 FAC	Hydrophytic Vegetation Indicators:
4.		1 - Rapid Test for Hydrophytic Vegetation
5.		✓ 2 - Dominance Test is >50%
6.		3 - Prevalence Index is ≤3.01
7.		4 - Morphological Adaptations¹ (Provide supporting
8.		data in Remarks or on a separate sheet)
9		5 - Wetland Non-Vascular Plants ¹
10		Problematic Hydrophytic Vegetation ¹ (Explain)
11		¹ Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 15	Total Cover	be present, unless disturbed or problematic.
1.		Hydrophytic
2	= Total Cover	Vegetation Present? Yes No
% Bare Ground in Herb Stratum	= Total Cover	
Remarks:		. 10,100
		and the second second

Depth Matrix		D. I.					
Depth Matrix (inches) Color (moist)	%	Redox I	<u>-eature</u> %	Type ¹	Loc²	Texture	Remarks
	41297	2.54 4/3,4/4			m.PL	1	
	- 00	2 15 115	-		11176	18	
-18 677 1111	5 99	C59 4/3			371	LFS	
							_
				S. C.	LAU.		
		-		7.6	2 2 7 79	150 W. IS	
				-		1	
the second			-				-
				-		. 2	D. D. Harris
Type: C=Concentration, D=Delydric Soil Indicators: (Appl	epletion, RM=R	educed Matrix, CS=	Covere	d or Coate	ed Sand Gra		Location: PL=Pore Lining, M=Matrix. ators for Problematic Hydric Soils ³ :
				eu.,			2 cm Muck (A10)
_ Histosol (A1)	^	Sandy Redox (S5 Stripped Matrix (S					Red Parent Material (TF2)
Histic Epipedon (A2) Black Histic (A3)	-	Loamy Mucky Mir		1) (excen	MIRA 1)		/ery Shallow Dark Surface (TF12)
_ Hydrogen Sulfide (A4)	_	Loamy Gleyed Ma					Other (Explain in Remarks)
Depleted Below Dark Surfa	ace (A11)	Depleted Matrix (I		-/			
Thick Dark Surface (A12)	(****)	Redox Dark Surfa)		3Indic	ators of hydrophytic vegetation and
Sandy Mucky Mineral (S1)		Depleted Dark Su					etland hydrology must be present,
Sandy Gleyed Matrix (S4)	-	_ Redox Depression	ns (F8)			un	lless disturbed or problematic.
Restrictive Layer (if present)			A HAT	Jack By	Egypair E.		
Type:						- A - 10	1
Depth (inches):						Hydric S	oil Present? Yes _ K No
in pot	<u>i,</u>						
IYDROLOGY Wetland Hydrology Indicator	rs:						
IYDROLOGY Wetland Hydrology Indicator		check all that apply)				<u>Se</u>	condary Indicators (2 or more required)
IYDROLOGY Wetland Hydrology Indicator		check all that apply)	ed Leav	ves (B9) (e	xcept	Se	condary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2
IYDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1)					xcept	Se	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2)		Water-Staine	2, 4A,		xcept	<u>Se</u>	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10)
IYDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1)		Water-Stains MLRA 1,	2, 4A, (and 4B)	xcept	<u>Se</u>	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
Wetland Hydrology Indicator Primary Indicators (minimum of the control of the con		Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St	2, 4A, a 11) rtebrate ulfide O	es (B13) dor (C1)			Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10)
Wetland Hydrology Indicator Primary Indicators (minimum of the control of the con		Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen Su Oxidized Rhi	2, 4A, a 111) rtebrate ulfide O izosphe	es (B13) dor (C1) eres along	Living Root		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)
Wetland Hydrology Indicator Primary Indicators (minimum of the surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)		Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St	2, 4A, a 111) rtebrate ulfide O izosphe	es (B13) dor (C1) eres along	Living Root	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 (C 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)		Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen Su Oxidized Rhi	2, 4A, and a state of the control of	es (B13) dor (C1) eres along ed Iron (C4	Living Root	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 (C 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)	f one required;	Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi Presence of Recent Iron Stunted or S	2, 4A, and a state of the state	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille	Living Room 4) d Soils (C6)	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 (C 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 Aeric	one required;	Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi Presence of Recent Iron Stunted or S Other (Expla	2, 4A, and a state of the state	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille	Living Room 4) d Soils (C6)	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 (C 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 Aeric	one required;	Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi Presence of Recent Iron Stunted or S Other (Expla	2, 4A, and a state of the state	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille	Living Room 4) d Soils (C6)	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 (C 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 Aeric	al Imagery (B7) ave Surface (B8	Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi Presence of Recent Iron Stunted or S Other (Explain)	2, 4A, and a second sec	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille i Plants (D emarks)	Living Roof 4) 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 (C 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 Aeric Sparsely Vegetated Concified Observations:	al Imagery (B7) ave Surface (B8	Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi Presence of Recent Iron Stunted or S Other (Expla	2, 4A, and a second sec	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille i Plants (D emarks)	Living Roof 4) 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 (C 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 Aeric Sparsely Vegetated Concertications: Surface Water Present?	al Imagery (B7) ave Surface (B8	Water-Staine MLRA 1, Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi Presence of Recent Iron Stunted or S Other (Explain)	2, 4A, and a second sec	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille I Plants (D emarks)	Living Root 4) 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 (C 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 Aeric Sparsely Vegetated Concertications: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	al Imagery (B7) ave Surface (B8 Yes No Yes No	Water-Staine MLRA 1, Salt Crust (B Aquatic Invented on Stained or	2, 4A, and a state of the state	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille id Plants (Demarks)	Living Root 4) 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 (C 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 Aeric Sparsely Vegetated Concertications: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	al Imagery (B7) ave Surface (B8 Yes No Yes No	Water-Staine MLRA 1, Salt Crust (B Aquatic Invented on Stained or	2, 4A, and a state of the state	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille id Plants (Demarks)	Living Root 4) 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 (C 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 Aeric Sparsely Vegetated Concertication Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (streat	al Imagery (B7) ave Surface (B8 Yes No Yes No	Water-Staine MLRA 1, Salt Crust (B Aquatic Invented on Stained or	2, 4A, and a state of the state	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille id Plants (Demarks)	Living Root 4) 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 (C 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 Aeric Sparsely Vegetated Concertication Field Observations: Surface Water Present? Water Table Present? Saturation Present?	al Imagery (B7) ave Surface (B8 Yes No Yes No	Water-Staine MLRA 1, Salt Crust (B Aquatic Invented on Stained or	2, 4A, and a state of the state	es (B13) dor (C1) eres along ed Iron (C4) ion in Tille id Plants (Demarks)	Living Root 4) 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 (C Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

		intains, Valleys, and Coast Region
Project/Site: WestPost Light S, Applicant/Owner: State Parks	P. City/County: Wes	Fort Sampling Date: 4-18-21
Applicant/Owner: State Pasks		State: WA Sampling Point: 57-718-3
Investigator(s): P. Hamidi	Section, Township, Ra	inge:
Landform (hillslope, terrace, etc.): DUNCS		
		Long: Datum:
Soil Map Unit Name: DUNG Land		NWI classification: Upland
Are climatic / hydrologic conditions on the site typical for this	s time of year? Yes 😾 No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology s		"Normal Circumstances" present? Yes _X No
Are Vegetation, Soil, or Hydrology r		eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map	showing sampling point I	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes N	0	a detaile some of the last of the state of the
Hydric Soil Present? Yes N	Is the Sampled	nd? Yes No_K
Wetland Hydrology Present? Yes N	o Within a Wetiai	ndr Tes No
Photos 142-145 Transect	18	
VEGETATION – Use scientific names of plan		
Tree Stratum (Plot size: 30	Absolute Dominant Indicator <u>% Cover Species? Status</u>	Dominance Test worksheet:
1		Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2.		TALIN AND ADDRESS OF THE PARTY
3		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. PiNUS Contexts	5 FAC	Prevalence Index worksheet:
2. Cytisus SCOParius	20 Y UPL	Total % Cover of: Multiply by:
3.	- 20	OBL species x 1 =
4.		FACW species x 2 =
5.		FAC species x 3 =
-1	25 = Total Cover	FACU species x 4 =
Herb Stratum (Plot size:	80 V FACU	UPL species x 5 =
1. Ammarhola armaria		Column Totals: (A) (B)
2. Carex obnupta	5 081	Prevalence Index = B/A =
3. Holcus langtus	5 FAC	Hydrophytic Vegetation Indicators:
4		1 - Rapid Test for Hydrophytic Vegetation
5		2 - Dominance Test is >50%
6. 7.		3 - Prevalence Index is ≤3.0¹
8.		4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
9		5 - Wetland Non-Vascular Plants ¹
10.		Problematic Hydrophytic Vegetation ¹ (Explain) .
11.		¹ Indicators of hydric soil and wetland hydrology must
Woody Vine Stratum (Plot size: 15"	= Total Cover	be present, unless disturbed or problematic.
1		Hydrophytic Vegetation
	= Total Cover	Present? Yes NoX_
% Bare Ground in Herb Stratum	1000 00101	The second secon
Remarks:		*

	pth needed to document the	indicator (or commi	the absence	of indicators.)
Depth Matrix	Redox Feature				
(inches) Color (moist) %	Color (moist) %	_Type ¹	_Loc ²	Texture	Remarks
0-5 104R 3/2 10		_	2_	LPS	
5-18 love 4/2 99	104R4/31	C	m	2F5	
7, 7					
				-	-
					· · · · · · · · · · · · · · · · · · ·
The same of the sa					Land to the state of the state
				7 17	
				-	The state of the s
¹ Type: C=Concentration, D=Depletion, RM			d Sand Gr		cation: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to al		ted.)			ors for Problematic Hydric Soils ³ :
Histosol (A1)	Sandy Redox (S5)			_	m Muck (A10)
Histic Epipedon (A2)	Stripped Matrix (S6)			_	Parent Material (TF2)
Black Histic (A3)	Loamy Mucky Mineral (F		MLRA 1)		y Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	Loamy Gleyed Matrix (F:	2).		Oth	er (Explain in Remarks)
Depleted Below Dark Surface (A11)	Depleted Matrix (F3)			31-4:4	as of hudsonhudia vagatation and
Thick Dark Surface (A12)	Redox Dark Surface (F6				ors of hydrophytic vegetation and
Sandy Mucky Mineral (S1)	Depleted Dark Surface (and hydrology must be present, as disturbed or problematic.
Sandy Gleyed Matrix (S4) Restrictive Layer (if present):	Redox Depressions (F8)	100		unies	is disturbed of problematic.
Type:				Undela Call	Brosset2 Vos No V
Depth (inches):		1997		Hydric Soil	Present? Yes No _X
Delining The State of the State					
HYDROLOGY Wetland Hydrology Indicators:	and shock all that apply			Soco	adany Indicators (2 or more required)
Wetland Hydrology Indicators: Primary Indicators (minimum of one require		(D0) (co.			ndary Indicators (2 or more required)
Wetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1)	Water-Stained Leav		ccept		Vater-Stained Leaves (B9) (MLRA 1, 2,
Wetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1) High Water Table (A2)	Water-Stained Leav MLRA 1, 2, 4A,		ccept	_ v	Vater-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)	Water-Stained Leav MLRA 1, 2, 4A, Salt Crust (B11)	and 4B)	cept	_ v	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rrainage Patterns (B10)
Wetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	Water-Stained Leav MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate	and 4B)	ccept	_ v	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Prainage Patterns (B10) Pry-Season Water Table (C2)
Wetland Hydrology Indicators: Primary Indicators (minimum of one require Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	Water-Stained Leav MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate Hydrogen Sulfide O	and 4B) es (B13) dor (C1)		_ v	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Prainage Patterns (B10) Pry-Season Water Table (C2) Paturation Visible on Aerial Imagery (C9)
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 Leav MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate Hydrogen Sulfide O Oxidized Rhizosphe	es (B13) dor (C1) eres along L	iving Root	V D S ss (C3) G	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Irrainage Patterns (B10) Irry-Season Water Table (C2) Irraturation Visible on Aerial Imagery (C9) Irrainage Patterns (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)	MLRA 1, 2, 4A, MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate Hydrogen Sulfide O Oxidized Rhizosphe Presence of Reduce	es (B13) dor (C1) eres along L ed Iron (C4)	Living Root	V D S s (C3) G	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Irrainage Patterns (B10) Irry-Season Water Table (C2) Interval of the state of the
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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)	MLRA 1, 2, 4A, MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate Hydrogen Sulfide O Oxidized Rhizosphe Presence of Reduct Recent Iron Reduct Stunted or Stressed	es (B13) dor (C1) eres along L ed Iron (C4) ion in Tilled I Plants (D1	.iving Root) Soils (C6)	V D S S S S S F R	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) rainage Patterns (B10) ray-Season Water Table (C2) raturation Visible on Aerial Imagery (C9) recomorphic Position (D2) rhallow Aquitard (D3) recomorphic Position (D5) raised Ant Mounds (D6) (LRR A)
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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 (Based of Concave Surface) Field Observations:	Water-Stained Leav MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate Hydrogen Sulfide O Oxidized Rhizosphe Presence of Reduce Recent Iron Reduct Stunted or Stressed 37) Other (Explain in Red	es (B13) dor (C1) eres along L ed Iron (C4) ion in Tilled I Plants (D1 emarks)	Living Root) Soils (C6)) (LRR A)	V D S S S S S F R	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Irainage Patterns (B10) Iry-Season Water Table (C2) Instruction Visible on Aerial Imagery (C9) Ideomorphic Position (D2) Inhallow Aquitard (D3) IAC-Neutral Test (D5) Itaised Ant Mounds (D6) (LRR A)
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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 of the control of the c	Water-Stained Leav MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate Hydrogen Sulfide O Oxidized Rhizosphe Presence of Reduct Recent Iron Reduct Stunted or Stressed Other (Explain in Ref	es (B13) dor (C1) eres along L ed Iron (C4) ion in Tilled I Plants (D1 emarks)	Living Root) Soils (C6)) (LRR A)	V D S is (C3) G F F	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Irainage Patterns (B10) Iry-Season Water Table (C2) Instruction Visible on Aerial Imagery (C9) Ideomorphic Position (D2) Inhallow Aquitard (D3) IAC-Neutral Test (D5) Itaised Ant Mounds (D6) (LRR A)
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Wetland Hydrology Indicators: Primary Indicators (minimum of one required and 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 (Based of the control of the contro	Water-Stained Leav MLRA 1, 2, 4A, Salt Crust (B11) Aquatic Invertebrate Hydrogen Sulfide O Oxidized Rhizosphe Presence of Reduct Recent Iron Reduct Stunted or Stressed Other (Explain in Re (B8) No Depth (inches): No Depth (inches):	es (B13) dor (C1) eres along L ed Iron (C4) ion in Tilled I Plants (D1 emarks)	Living Root) Soils (C6)) (LRR A)	V D S S S F F	Vater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Irrainage Patterns (B10) Irry-Season Water Table (C2) Instruction Visible on Aerial Imagery (C9) Ideomorphic Position (D2) Inhallow Aquitard (D3) IAC-Neutral Test (D5) Iaised Ant Mounds (D6) (LRR A) Irrost-Heave Hummocks (D7)
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Project/Site: West port	0) (City/County:	: We	Stroft Sampling	y Date.	15/2
Applicant/Owner: 4/A State	Parks	-	35 22		State: 4 Sampling	Point:	1-1
nvestigator(s): B. Fletch	2	8	Section, To	wnship, Ra	nge:		STATE OF
andform (hillslope, terrace, etc.):	erdunal		Local relief	(eoncave	convex, none):	Slope (%)):
Subregion (LRR):		at:			Long:	Datum:	36
n . /			100			PSSC	
on wap offic rearrie.		7.7		· ·			
re climatic / hydrologic conditions on the s							40
are Vegetation, Soil, or Hyd							No
re Vegetation, Soil, or Hyd	rology natur	ally prob	blematic?	N (If ne	eded, explain any answers in Rem	arks.)	
SUMMARY OF FINDINGS - Atta	ch site map sho	wing	samplin	g point k	ocations, transects, impor	tant featur	es, etc.
Hydrophytic Vegetation Present?	Yes No	100	10 70	may no los	are the first of a factor	a malbert	
Hydric Soil Present?	Yes No	-		e Sampled	\/		
Wetland Hydrology Present?	Yes X No _		with	in a Wetlan	id? Yes No	- A	24
Remarks:	194	AC S	Andrew .	4 / 1/4		M. A. Salah	
보고하다 나는 바람이 되었습니다.							
Photos 975-7		19-39	14 - 4	ST. ALT. ST.			A Three
EGETATION - Use scientific na	mes of plants.						
Tree Stratum (Plot size: 30	Ab		Dominant		Dominance Test worksheet:	TALL TO SEAL	
		Cover	Species?	- 1-	Number of Dominant Species	5	(4)
1. Pinus contorta		-		FAC	That Are OBL, FACW, or FAC:	-	_ (A)
			X	FAC	Total Number of Dominant	5	Gray .
3. Picea sitchensis			2000		Species Across All Strata:		_ (B)
4		10	- T. W - 10 7 7 10	-	Percent of Dominant Species	100	
Color to Color to (Diet eine)	5-, -	10	= Total Co	ver	That Are OBL, FACW, or FAC:	100	_ (A/B)
Sapling/Shrub Stratum (Plot size:		30	X	FACY	Prevalence Index worksheet:	W 1 2	7
2. morelly californic		90	X	FACW	Total % Cover of:	Multiply by:	70.
	and the same of the same of	+0	A property of	17.72.00	OBL species x		1.200.00
3.					FACW species x	2=	est of the
4.	-				FAC species x	3=	120 14
5.		50		A 1187 A 11	FACU species x	4 =	1200
Herb Stratum (Plot size:	· -	30	= Total Co	ver		5=	
1. Casex Bonupta)	00	X	OBL	Column Totals: (A		(B)
1. Carex Donop+4	18	-			Victoria de la companya del companya de la companya del companya de la companya d	(A) BOAT TO	(5)
2. 1 24 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10		F 30 3	-	-	Prevalence Index = B/A =		
3.	4 7 7 8 8 8		1 5 30 30		Hydrophytic Vegetation Indica		
4.					1 - Rapid Test for Hydrophy		
	34	19	1 12 A Sec.	Charles and the	2 - Dominance Test is >50%		
6.	And the second	S 10 10 10	21.00	-	3 - Prevalence Index is ≤3.0)*	
7		AAA		-	4 - Morphological Adaptatio		
8			-		data in Remarks or on a		t)
9					5 - Wetland Non-Vascular F		
10		-	18. dat.		Problematic Hydrophytic Ve		
11.	Add to				¹ Indicators of hydric soil and well be present, unless disturbed or		/ must
	- (00	= Total Co	ver	be present, unless disturbed or	problematic.	
Woody Vine Stratum (Plot size:							
1. N/A	<u> </u>	-		-	Hydrophytic		
are the second second second					Vegetation		
2.				-	Present? Yes	No	
	_		= Total Co	ver	Present? Yes	No	

	T	10
Sampling Point:		17-1

Depth	Matrix	94 39	Redox	Feature	s				
(inches)	Color (moist)	%	Color (moist)	%_	Type ¹	_Loc ²	Texture		Remarks
2-1	00 FF								The state of the s
5-5	+++ 2.544/s	99	104R3/3	1	(M	Losa		
5-18	2.5Y 4/1	97	10 YP 3/6	2	-	~	Losa		11
			1048 4/6	1		10	T. W.	T. P.	
6-18	2.57 4/1	85	10YR 3/6	15	-	79	Lo 59		4
b 10	4.3(// 1		1011 110				20 74		
lydric Soil I	encentration, D=Deple		LRRs, unless other	wise not		ed Sand G			re Lining, M=Matrix. matic Hydric Soils ³ :
_ Histosol	. ,		XSandy Redox (S					2 cm Muck (A10)	
	ipedon (A2)		Stripped Matrix (Red Parent Mater	
Black His			Loamy Mucky M			MLRA 1)		Very Shallow Dark	
	n Sulfide (A4)		Loamy Gleyed N		2)		_	Other (Explain in	Remarks)
	Below Dark Surface	(A11)	Depleted Matrix						
	rk Surface (A12)		Redox Dark Surf					and the second of the second o	tic vegetation and
_	ucky Mineral (S1)		Depleted Dark S		and the second second			etland hydrology	
	leyed Matrix (S4)		Redox Depressi	ons (F8)		e displain	u	nless disturbed or	problematic.
	ayer (if present):						1		
Type:			-					Soil Present?	. Y
Depth (inc	ines):	1					I Hydric !	Coll Present?	res No
Remarks:	a po						Tiyane t	Sin resemble	
YDROLOG	drology Indicators:	e required	f; check all that apply)					rs (2 or more required)
YDROLOG Vetland Hyd	drology Indicators: ators (minimum of on	e required	The second of the second		res (B9) (e	xcent		econdary Indicato	rs (2 or more required)
YDROLOO Vetland Hyd Primary Indice	drology Indicators: ators (minimum of on Water (A1)	e required	Water-Stair	ned Leav		xcept		econdary Indicato Water-Stained	Leaves (B9) (MLRA 1, 2,
YDROLOG Vetland Hyd Primary Indic Surface \ High War	drology Indicators: ators (minimum of on Water (A1) ter Table (A2)	e required	Water-Stair MLRA 1	ned Leav		xcept		econdary Indicato Water-Stained 4A, and 4B	Leaves (B9) (MLRA 1, 2,
YDROLOG Vetland Hyd Primary Indic Surface \ High War Saturatio	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3)	e required	Water-Stair MLRA 1	ned Leav , 2, 4A, (B11)	and 4B)	xcept		econdary Indicato Water-Stained 4A, and 4B Drainage Patte	Leaves (B9) (MLRA 1, 2,) ms (B10)
YDROLOG Vetland Hyd Primary Indic Surface N High Wat Saturatio Water Ma	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1)	e required	Water-Stair MLRA 1 Salt Crust (Aquatic Inv	ned Leav , 2, 4A, a B11) ertebrate	and 4B)	xcept		econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W	Leaves (B9) (MLRA 1, 2,) ms (B10) ater Table (C2)
YDROLOG Vetland Hyd Primary Indic Surface N High Wat Saturatio Water M Sedimen	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) tt Deposits (B2)	e required	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S	ned Leav , 2, 4A, a (B11) ertebrate Sulfide O	and 4B) es (B13) edor (C1)		<u>S</u>	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season Water	Leaves (B9) (MLRA 1, 2,) rms (B10) ater Table (C2) ole on Aerial Imagery (CS
YDROLOG Vetland Hyd Primary Indice Surface N High Wat Saturatio Water M Sedimen Drift Dep	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) tt Deposits (B2) oosits (B3)	e required	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S	ned Leav , 2, 4A, a (B11) ertebrate Sulfide O hizosphe	es (B13) dor (C1) eres along	Living Ro	<u>S</u>	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season Water-Stained Saturation Visil	Leaves (B9) (MLRA 1, 2, 1) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) osition (D2)
YDROLOG Vetland Hyd Surface N High Wat Saturatio Water M Sedimen Drift Dep Algal Ma	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) tt Deposits (B2) oosits (B3) tt or Crust (B4)	e required	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o	ned Leav , 2, 4A, a B11) ertebrate Sulfide O hizosphe of Reduce	es (B13) dor (C1) eres along ed Iron (C	Living Ro	<u>S</u>	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season Water-Stained Visil Saturation Visil Geomorphic Po	Leaves (B9) (MLRA 1, 2, 1) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) bition (D2) rd (D3)
YDROLOG Vetland Hyd Surface V High Wat Saturatio Water Mi Sedimen Drift Dep Algal Ma Iron Dep	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5)	e required	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror	ned Leaven, 2, 4A, 6 B11) ertebrate Sulfide O hizosphe f Reduce	es (B13) dor (C1) eres along ed Iron (C- ion in Tille	Living Ro	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visil Geomorphic Po Shallow Aquita	Leaves (B9) (MLRA 1, 2, 2) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) position (D2) rd (D3) est (D5)
YDROLOG Vetland Hyd Vetland Hyd Surface N High Wat Saturatio Water M Sedimen Drift Dep Algal Ma Iron Dep	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) cosits (B3) t or Crust (B4) cosits (B5) Soil Cracks (B6)		Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror Stunted or	ned Leaven, 2, 4A, 6 B11) ertebrate Sulfide O hizosphe of Reduce n Reducti	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	Living Ro	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visit Geomorphic Po Shallow Aquita FAC-Neutral To Raised Ant Mo	Leaves (B9) (MLRA 1, 2, 2) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) best (D3) est (D5) unds (D6) (LRR A)
/DROLOG Vetland Hyd rimary Indic Surface \ High War Saturatio Water M Sedimen Drift Dep Algal Ma Iron Dep Surface S Inundatio	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) osits (B3) t or Crust (B4) osits (B5) Soil Cracks (B6) on Visible on Aerial Im	nagery (B	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror Stunted or S Other (Expl	ned Leaven, 2, 4A, 6 B11) ertebrate Sulfide O hizosphe of Reduce n Reducti	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	Living Ro	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visil Geomorphic Po Shallow Aquita	Leaves (B9) (MLRA 1, 2, 2) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) best (D3) est (D5) unds (D6) (LRR A)
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YDROLOG Vetland Hyd Surface V High Water Mi Sedimen Drift Dep Algal Ma Iron Dep Surface S Inundation Sparsely Field Observiburface Water	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) osits (B3) t or Crust (B4) osits (B5) Soil Cracks (B6) on Visible on Aerial Im Vegetated Concave servations:	nagery (B'	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror Stunted or S Other (Expl	ned Leav 1, 2, 4A, 3 B11) ertebrate Sulfide O hizosphe of Reduct Stressed lain in Re	es (B13) electrical (C1) eres along electrical (C2) ion in Tille I Plants (D2) emarks)	Living Ro	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visit Geomorphic Po Shallow Aquita FAC-Neutral To Raised Ant Mo	Leaves (B9) (MLRA 1, 2, 1) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) best (D3) est (D5) unds (D6) (LRR A)
YDROLOG Vetland Hyd Surface \ Surface \ High Wat Sedimen Drift Dep Algal Ma Iron Dep Surface \ Inundatio Sparsely Field Observe Surface Water Vater Table Saturation Pr	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) osits (B3) ot or Crust (B4) osits (B5) Soil Cracks (B6) on Visible on Aerial Im Vegetated Concave vations: er Present? Yes Present? Yes	nagery (B' Surface (I	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iron Stunted or S Other (Expl	ned Leavened	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	Living Ro	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visit Geomorphic Po Shallow Aquita FAC-Neutral To Raised Ant Mo	Leaves (B9) (MLRA 1, 2, 2, 2) rms (B10) ater Table (C2) ble on Aerial Imagery (CS position (D2) rd (D3) est (D5) unds (D6) (LRR A) ummocks (D7)
YDROLOG Vetland Hyd Primary Indic Surface V High Wat Saturatio Water Mater Table Vater Table Saturation Princludes cap	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) osits (B3) ot or Crust (B4) osits (B5) Soil Cracks (B6) on Visible on Aerial Im Vegetated Concave vations: er Present? Yes Present? Yes	nagery (B' Surface (I	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror Stunted or S Other (Expl	ned Leaven (1, 2, 4A, 4) ertebrate Sulfide Ohizosphe of Reduction Reduction Reduction in Reducti	es (B13) eles (B13) eles (B13) eles (C1) eres along eled Iron (C- ion in Tille I Plants (Demarks)	Living Ro 4) d Soils (C 1) (LRR A	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visil Geomorphic Po Shallow Aquita FAC-Neutral To Raised Ant Mo Frost-Heave H	Leaves (B9) (MLRA 1, 2, 2) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) best (D3) est (D5) unds (D6) (LRR A) ummocks (D7)
YDROLOG Vetland Hyd Primary Indic Surface V High Wat Saturatio Water Mater Table Vater Table Saturation Princludes cap	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) sosits (B3) at or Crust (B4) sosits (B5) Soil Cracks (B6) on Visible on Aerial Im Vegetated Concave strations: er Present? Present? Yes resent? Yes resent? Yes resent? Yes	nagery (B' Surface (I	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iror Stunted or S Other (Expl	ned Leaven (1, 2, 4A, 4) ertebrate Sulfide Ohizosphe of Reduction Reduction Reduction in Reducti	es (B13) eles (B13) eles (B13) eles (C1) eres along eled Iron (C- ion in Tille I Plants (Demarks)	Living Ro 4) d Soils (C 1) (LRR A	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visil Geomorphic Po Shallow Aquita FAC-Neutral To Raised Ant Mo Frost-Heave H	Leaves (B9) (MLRA 1, 2, 2) rms (B10) ater Table (C2) ble on Aerial Imagery (CS) best (D3) est (D5) unds (D6) (LRR A) ummocks (D7)
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YDROLOG Vetland Hyd Surface V High Wat Saturatio Water M Sedimen Drift Dep Algal Ma Iron Depi Surface S Inundatio Sparsely Sield Observ Surface Water Vater Table of Saturation Pr includes cap Describe Rec	drology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5) Soil Cracks (B6) on Visible on Aerial Im Vegetated Concave vations: er Present? Present? Yes eillary fringe) corded Data (stream g	nagery (Bi Surface (I	Water-Stair MLRA 1 Salt Crust (Aquatic Inv Hydrogen S Oxidized R Presence o Recent Iron Stunted or S Other (Expl B8) No Depth (inc Depth (inc pointoring well, aerial p	ned Leaven, 2, 4A, 4 B11) ertebrate Sulfide O hizosphe f Reduct n Reduct Stressed lain in Re hes): hes): hotos, pi	es (B13) eldor (C1) eres along ed Iron (C- ion in Tille I Plants (C- emarks)	Living Ro 4) d Soils (C 1) (LRR A	ots (C3)	econdary Indicato Water-Stained 4A, and 4B Drainage Patte Dry-Season W Saturation Visil Geomorphic Po Shallow Aquita FAC-Neutral To Raised Ant Mo Frost-Heave H	Leaves (B9) (MLRA 1, 2) rms (B10) ater Table (C2) ble on Aerial Imagery (C5) best (D5) cest (D5) cummocks (D7)

Project/Site: We ST Dart	<u> </u>		Stport Sampling Date: 4/15	12
Applicant/Owner. WA State Park			State: WA Sampling Point: 19	0
Investigator(s): B. Fletcher				-
Landform (hillslope, terrace, etc.): Done land	5	Local relief (concave,	, (onyex, none): Slope (%):	2
Subregion (LRR):	Lat:	A STATE OF THE STA	Long: Datum:	
Soil Map Unit Name: DUNE Lourd			NWI classification: Upland	
Are climatic / hydrologic conditions on the site typical for	this time of ve			
Are Vegetation, Soil, or Hydrology				
Are Vegetation, Soil, or Hydrology	_ naturally pro	blematic? /v (if n	needed, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site ma	and the same	sampling point	locations, transects, important features,	, etc.
Hydrophytic Vegetation Present? Yes		Is the Sample	d Area	
Hydric Soil Present? Yes		within a Wetla	🗸	
Wetland Hydrology Present? Yes	No	William		-
Remarks:				
Photos 978-9				
	la4-	TO SECOND OF SECOND	and the second s	179
VEGETATION – Use scientific names of pl		The state of the s	I Barriera Traducada barta	9
Tree Stratum (Plot size: 36	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:	
1. Pinus contorta	40	X. FAC	Number of Dominant Species That Are OBL, FACW, or FAC:	(A)
2. Picea sitchensis	5	FAC		
3.	7	Sandon H. J. State S.	Total Number of Dominant Species Across All Strata:	(B)
4.			D	
11-	45	= Total Cover	Percent of Dominant Species That Are OBL, FACW, or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size:	10	X FACW	Prevalence Index worksheet:	
1. Morella Californica			Total % Cover of: Multiply by:	o A
2. 1Cytisus scoparius	10	X FACU X FACU	OBL species x 1 =	27
3. Viccinium ovatum		- X Fully	FACW species x 2 =	
4.		The Prince of the Control	FAC species x 3 =	
5.	75	= Total Cover	FACU species x 4 =	
Herb Stratum (Plot size:	1 3 21 3	The American	UPL species x 5 =	
1. Carex Bunipta	92	X OBL	Column Totals: (A)	(B)
2.		Carlo Sales and	Prevalence Index = B/A =	
3.	age to Colonia in	Carried St.	Hydrophytic Vegetation Indicators:	
4.		1 100 at 16 5 400	1 - Rapid Test for Hydrophytic Vegetation	
5	1.00		2 - Dominance Test is >50%	
6.	11 Am 1 115		3 - Prevalence Index is ≤3.0¹	
7.	Survive 0		4 - Morphological Adaptations (Provide suppo	orting
8			data in Remarks or on a separate sheet)	
9			5 - Wetland Non-Vascular Plants Problematic Hydrophytic Vegetation (Explain)	
10		12900000	¹Indicators of hydric soil and wetland hydrology mu	
11.	7.5		be present, unless disturbed or problematic.	151
Woody Vine Stratum (Plot size: 5	92	= Total Cover		
1. A A			- Hydrophytic	
2.		The state of the same	Vegetation	
		= Total Cover	Present? Yes X No	
				6
% Bare Ground in Herb Stratum		- 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
% Bare Ground in Herb Stratum Remarks:				

Depth (inches)	Matrix		Redo	x Features	5			
	Color (moist)	<u>%</u>	Color (moist)	%		Loc ²	Texture	Remarks
	d. 37 1/0	100				-	1. C	
70	2.544/2	(00		-	-		Losa	
	um 40	<u> </u>		-	_		T.	USA TAND
	-				3 7 2			
	a disability of the same		and the second		200			
						-		
Type: C=Co	ncentration, D=Depl	etion RM=F	Reduced Matrix CS	S=Covered	d or Coate	d Sand G	rains. ² L	ocation: PL=Pore Lining, M=Matrix.
	ndicators: (Applica							tors for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy Redox (S5)			20	cm Muck (A10)
	ipedon (A2)		_ Stripped Matrix					ed Parent Material (TF2)
Black His			Loamy Mucky I		1) (except	MLRA 1)	_	ery Shallow Dark Surface (TF12)
_	n Sulfide (A4)		_ Loamy Gleyed					ther (Explain in Remarks)
	Below Dark Surface	(A11)	_ Depleted Matrix		1		ALEX DE	
Thick Da	rk Surface (A12)	100	Redox Dark Su				3Indica	tors of hydrophytic vegetation and
	ucky Mineral (S1)		Depleted Dark					land hydrology must be present,
_ Sandy G	leyed Matrix (S4)		Redox Depress	sions (F8)			unle	ess disturbed or problematic.
Restrictive L	ayer (if present):	3	Washington A	44-11	£40	The Target	110 95	
Туре:		1-27/5	WHA BUD				100	
Depth (inc	hes):						Hydric So	il Present? Yes No X
	7							
YDROLOG	GY Irology Indicators:							
		ne required;	check all that app	(y)			Sec	ondary Indicators (2 or more required)
YDROLOG Wetland Hyd	Irology Indicators:	ne required;	check all that app		es (B9) (e	xcept		ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2
YDROLOG Wetland Hyd Primary Indica	Irology Indicators: ators (minimum of o	ne required;	Water-Sta			xcept		
YDROLOG Wetland Hyd Primary Indica	Irology Indicators: ators (minimum of o Water (A1) ter Table (A2)	ne required;	Water-Sta	ined Leav 1, 2, 4A, a		xcept		Water-Stained Leaves (B9) (MLRA 1, 2
YDROLOG Vetland Hyd Primary Indica Surface N	Irology Indicators: ators (minimum of or Water (A1) ter Table (A2) on (A3)	ne required;	Water-Sta MLRA Salt Crust	ined Leav 1, 2, 4A, a	and 4B)	xcept		Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
YDROLOG Wetland Hyd Primary Indice Surface N High Wat Saturatio Water Ma	Irology Indicators: ators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1)	ne required;	Water-Sta MLRA Salt Crust Aquatic In	ined Leave 1, 2, 4A, a (B11) wertebrate	and 4B)	xcept	 	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)
YDROLOG Wetland Hyd Primary Indica Surface N High Wat Saturatio Water Ma	Irology Indicators: ators (minimum of or Nater (A1) ter Table (A2) on (A3) arks (B1) tt Deposits (B2)	ne required;	Water-Sta MLRA Salt Crust	ined Leave 1, 2, 4A, a (B11) wertebrate Sulfide O	es (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 (CS
YDROLOG Wetland Hyd Primary Indica Surface N High Wat Saturatio Water Mater Ma	Irology Indicators: ators (minimum of on Water (A1) ter Table (A2) on (A3) arks (B1) tt Deposits (B2) oosits (B3)	ne required;	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized	ined Leave 1, 2, 4A, a (B11) wertebrate Sulfide O	es (B13) dor (C1) eres 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 (CS Geomorphic Position (D2)
YDROLOG Wetland Hyd Primary Indica Surface N High Wat Saturatio Water Mater Ma	Irology Indicators: ators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) oosits (B3) t or Crust (B4)	ne required;	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I	ined Leave 1, 2, 4A, a (B11) wertebrate Sulfide Oc Rhizosphe of Reduce	es (B13) dor (C1) eres along ed Iron (C4	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 (CS Geomorphic Position (D2) Shallow Aquitard (D3)
YDROLOG Wetland Hyd Primary Indica Surface N High Wat Saturatio Water Mater Ma	Irology Indicators: ators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) ot Deposits (B2) oosits (B3) t or Crust (B4) oosits (B5)	ne required;	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	ined Leave 1, 2, 4A, a (B11) wertebrate Sulfide Or Rhizosphe of Reduce on Reducti	es (B13) dor (C1) eres along ed Iron (C4 on in Tille	Living Roo b) d Soils (CG	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 (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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YDROLOG Wetland Hyd Primary Indica Surface N High Wat Saturatio Water M Sedimen Drift Dep Algal Ma Iron Dep Surface S Inundation	Irology Indicators: ators (minimum of or Nater (A1) ter Table (A2) on (A3) arks (B1) at Deposits (B2) osits (B3) t or Crust (B4) osits (B5) Soil Cracks (B6) on Visible on Aerial In	magery (B7	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized Presence Recent Irc Stunted on Other (Ex	ined Leave 1, 2, 4A, a (B11) wertebrate Sulfide Oo Rhizosphe of Reduce on Reducti r Stressed	es (B13) dor (C1) res along ed Iron (C4 fon in Tiller Plants (D	Living Roo b) d Soils (CG	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 (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: West Port Light S,P, city/County: West Post Sampling Point: SP-720-1 Applicant/Owner: State Investigator(s): P, Amid; Section, Township, Range: Landform (hillslope, terrace, etc.): 12 trydungl Local relief (concave, convex, none): Con Call Slope (%): Subregion (LRR): Long: Soil Map Unit Name: Dune Land NWI classification: Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No K (If no, explain in Remarks.) ___, Soil _____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes 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 N No Is the Sampled Area Hydric Soil Present? within a Wetland? Wetland Hydrology Present? Yes X No Remarks: below Normal Pricip Photos 227-238 VEGETATION - Use scientific names of plants. Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: 30 % Cover Species? Status **Number of Dominant Species** FAC 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: Sapling/Shrub Stratum (Plot size: 15 Prevalence Index worksheet: 1. Almus Vubra Total % Cover of: Multiply by: OBL species FACW species ___ x3= FAC species **FACU** species = Total Cover UPL species Herb Stratum (Plot size: 1. Carek obnusts Column Totals: ___ 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 (Explain) 10. Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. >U = Total Cover Woody Vine Stratum (Plot size: Hydrophytic Vegetation Present? = Total Cover % Bare Ground in Herb Stratum Remarks:

Depth Matrix	depth needed to document the indicator or	Committee absence of maloutors.
(inches) Color (moist) %	Redox Features Color (moist) % Type	Loc ² Texture Remarks
63-0		Litter
0-6 2,54 4/2 99	2,54 4/4 2 C	M LPS
6-10 2.544/1 9-		n LFS
10-18 7,545/1 80	2,54 5/4 20 C	n LPS
	4/4	
	·	
Type: C=Concentration, D=Depletion,	RM=Reduced Matrix, CS=Covered or Coated	
Hydric Soil Indicators: (Applicable to		Indicators for Problematic Hydric Soils ³ :
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 M	LRA 1) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)
 Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11 	Loamy Gleyed Matrix (F2) Depleted Matrix (F3)	Other (Explain in Remarks)
Thick Dark Surface (A12)	Redox Dark Surface (F6)	³ 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:		10
		Hydric Soil Present? Yes No
Depth (inches):		11)4110-0011110001111
Depth (inches):Remarks:	Li,	10,4110-00111100-0011111100-0011111100-00111111
Depth (inches):	4	
Depth (inches):	uired; check all that apply)	
Depth (inches): Remarks: YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one recommend)	we some in mounts of the object that words Art A. C. and Arts a some	Secondary Indicators (2 or more required)
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Depth (inches): Remarks: IYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one reg Surface Water (A1) High Water Table (A2)	Water-Stained Leaves (B9) (exc MLRA 1, 2, 4A, and 4B)	Secondary Indicators (2 or more required) ept Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
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Depth (inches):	Water-Stained Leaves (B9) (excess 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) Recent Iron Reduction in Tilled S Stunted or Stressed Plants (D1) y (B7) Other (Explain in Remarks) ce (B8) No Depth (inches): No Depth (inches):	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) (LRR A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7) Wetland Hydrology Present? Yes No
Property (inches):	Water-Stained Leaves (B9) (excess 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) Recent Iron Reduction in Tilled S Stunted or Stressed Plants (D1) y (B7) Other (Explain in Remarks) ce (B8) No Depth (inches): No Depth (inches):	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) (LRR A) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7) Wetland Hydrology Present? Yes No

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: WestBort Light S.P. city/County: WestBort Sampling Date: 4-28-21 Sampling Point: 5P- T Applicant/Owner: State Parks Investigator(s): P, Hamid; Section, Township, Range: Local relief (concave, convex, none): ___None Landform (hillslope, terrace, etc.): DUNES Subregion (LRR): Lat: _____Long: Datum: Soil Map Unit Name: Udor Hoents. NWI classification: UPlan & 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 _____ 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? Is the Sampled Area within a Wetland? Wetland Hydrology Present? below Normal Photos 231-233 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 Contorta Y FAC 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 That Are OBL, FACW, or FAC: Prevalence Index worksheet: 1. Cytisus Scorerius 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 Herb Stratum (Plot size: x5= Column Totals: 1. Anthoxanthum odoxatum 2. Hypocharis radicata Prevalence Index = B/A = 3. Ammophila avenaria Hydrophytic Vegetation Indicators: 4. JUNCUS SP, ___ 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 (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 22 = Total Cover Woody Vine Stratum (Plot size: 15 1. Rubus armeniacus Hydrophytic Vegetation Yes___ No_K Present? 5 = Total Cover % Bare Ground in Herb Stratum Remarks:

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) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S8) 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 (F7) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Type: Type: HyDROLOGY Wetland 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) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Agal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	**PS **Pore Lining, M=Matrix.** **Indicators for Problematic Hydric Soils**: **_ 2 cm Muck (A10) **_ 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. ** **Portion Soil Present** **Portion Soil P
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)	² Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils ³ : 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 Grains Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S8) 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 (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Depressions (F8) Restrictive Layer (if present): Type: Depth (inches): High Water Table (A2) MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) High Water Table (A2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Agal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	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) ¹ 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 Grains Hydric 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 (F7) Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present): Type: Depth (inches): 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) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction In Tilled Soils (C6) Surface Soil Cracks (B6) (nundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	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 Grains Hydric 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: 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) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Indicators for Problematic Hydric Soils³: 2 cm Muck (A10) 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.
Hydric 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): 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) Sait Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B3) Oxidized Rhizospheres along Living Roots (C1) Drift Deposits (B3) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Indicators for Problematic Hydric Soils³: 2 cm Muck (A10) 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.
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) 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): Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) 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 Living Roots (C1) 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) Other (Explain in Remarks)	Indicators for Problematic Hydric Soils³: 2 cm Muck (A10) 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.
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): Hydrogen Sulfide (A2) Surface Water (A1) Water Stained Leaves (B9) (except 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 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) Other (Explain in Remarks)	2 cm Muck (A10) 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.
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Black Histic (A3)	Very Shallow Dark Surface (TF12) Other (Explain in Remarks) 3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
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: 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) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C4) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	³Indicators 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) Redox Depressions (F8) Restrictive Layer (if present): Type: Depth (inches): Hti Remarks: Image: Depth (inches): Primary 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) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized 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) Other (Explain in Remarks)	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): Type: Depth (inches): Hy Remarks: IYDROLOGY Wetland 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) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C1) 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) Other (Explain in Remarks)	wetland hydrology must be present, unless disturbed or problematic.
	unless disturbed or problematic.
Restrictive Layer (if present): Type: Depth (inches): Remarks: Depth (inches):	
Type:	rdric Soil Present? Yes No 🗶
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) Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C1) 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) Other (Explain in Remarks)	rdric Soil Present? Yes No 🗶
Remarks: IYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1)	dric Soil Present? Yes No _<
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 Water (A1) 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) Iron Deposits (B5) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	
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) 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)	ATT. ALMERTA ATT.
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) MLRA 1, 2, 4A, and 4B) Salt Crust (B1) 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)	Secondary Indicators (2 or more required)
Water Marks (B1) Aquatic Invertebrates (B13) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Roots (C Algal Mat or Crust (B4) Presence of Reduced Iron (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) Other (Explain in Remarks)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) 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)	Drainage Patterns (B10)
Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) 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)	Dry-Season Water Table (C2)
Algal Mat or Crust (B4) Presence of Reduced Iron (C4)Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Saturation Visible on Aerial Imagery (C9
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	
Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Shallow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	FAC-Neutral Test (D5)
	Raised Ant Mounds (D6) (LRR A)
	Frost-Heave Hummocks (D7)
Sparsely Vegetated Concave Surface (B8) Field Observations:	
The state of the s	
Water Table Present? Yes No _X Depth (inches):	
Saturation Present? Yes No Depth (inches): Wetland (includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if av	Hydrology Present? Yes No 🗡
Remarks:	

Project/Site: West Part Light S.P.		City/County	. Wes	thort	Sampling [Date: 4-2	29-2
Applicant/Owner: State PORKS				State: WA	A Sampling F	Point: SP-7	121-
nvestigator(s): P. Hamidi		Section, To	wnship, Ra				
andform (hillslope, terrace, etc.): Inferdure				convex, none):	onca12	Slope (%):	. /
	Late			Long:		Datum:	
Subregion (LRR): A Soil Map Unit Name: DUNC 1919	Lat			NWI cla	0	EMC	
		2.50	- A.			Line	
are climatic / hydrologic conditions on the site typical for the						N	0
are Vegetation, Soil, or Hydrology	significantly	disturbed?	Are "	Normal Circumstan	ces" present? Ye	s N	10
re Vegetation, Soil, or Hydrology	naturally pro	blematic?	(If ne	eded, explain any a	nswers in Remark	ks.)	
SUMMARY OF FINDINGS - Attach site map	showing	samplin	g point l	ocations, trans	ects, importa	nt feature	s, etc.
Hydrophytic Vegetation Present? Yes	No	100		Zuver a			
	No	0.00	e Sampled	Area	X_ No_		
	No	With	in a Wetlar	iar res			
Remarks: below Normal P	recip.						
Photos 234-236							
/EGETATION – Use scientific names of pla	nts.					٥	
Tree Stratum (Plot size: 36'	Absolute % Cover	Dominant Species?		Dominance Test		100	
1.	76 COVE	Speciesr	Status	Number of Domina That Are OBL, FA		2	(A)
2.	-			1200 1200 100 100		1.67	
3.				Total Number of D Species Across Al		2	(B)
4.				I DOMESTIC OF THE PARTY OF	1000 1000	2000	
17-1	0	= Total Co	ver_	Percent of Domina That Are OBL, FA		100	(A/B)
Sapling/Shrub Stratum (Plot size: 15')	12	11	TAM	Prevalence Index	a como occione		
1. Stilled 000 21431)			HACW	Total % Cove		fultiply by:	
2. Sylix hockeriana	- 5		PACW	OBL species	1		
3. Alaus rubka		-	FAC	FACW species	1,59		
4	-			FAC species _			
5	- 14	- T-1-10-		FACU species _	x4=		1
Herb Stratum (Plot size: 5	-1-1	= Total Co	ver	UPL species _	x5=		
1. Caver Obnupta	90	y	DBL	Column Totals: _	(A)		(B)
2 Potentilla anserina	2	7	OBL	Provolence	Index = B/A =		
3.				Hydrophytic Veg		rs:	_
4.					t for Hydrophytic	27	
5.				X 2 - Dominano		2.8(20.23)	
6.				3 - Prevalenc			
7.		÷		4 - Morpholog	gical Adaptations ¹	(Provide sup	pporting
8					marks or on a se)
9					Ion-Vascular Plan		
10				the second secon	Hydrophytic Vege		
11	-			¹ Indicators of hydrobe present, unless	ric soil and wetlan	d hydrology	must
Woody Vine Stratum (Plot size: 15'	90	= Total Co	ver	De present, unless	a disturbed of pro	DiGITIANO.	
Moody Vine Stratum (Plot size: 19 1. RUDUS AYMEN ACUS	2		PAC	Section 1			
V. Tarabasa and the same of th			1100	Hydrophytic Vegetation			
2	3	= Total Co		Present?	Yes A	No	
A STATE OF THE STA	_2	- Iotal Co	vei				
% Bare Ground in Herb Stratum							

Sampling Point: SP-721-1

Depth Mat (inches) Color (mois) %	Color	Redo: (moist)	%	Type ¹	_Loc2	Texture	Remarks
1-9 7 CU 41	2 9	7 -2 :-	with	11				
9.10 511 51			44/4	4		14	LFS.	
9-18 54 5/	2 85	- loyk	(4)4	75		M	_ LES	
		_		_				
						=		
Type: C=Concentration, D= lydric Soil Indicators: (Ap	Depletion, R	RM=Reduced	Matrix, CS	=Covered	d or Coate	ed Sand Gra		ation: PL=Pore Lining, M=Matrix. s for Problematic Hydric Soils³:
_ Histosol (A1)	Piloubio to		y Redox (S		eu.,			Muck (A10)
Histic Epipedon (A2)			ped Matrix				The second secon	Parent Material (TF2)
Black Histic (A3)					1) (excep	MLRA 1)		Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)		Loam	y Gleyed I			5754.00.00		r (Explain in Remarks)
Depleted Below Dark St		The second secon	eted Matrix					
Thick Dark Surface (A12			x Dark Su					s of hydrophytic vegetation and
 Sandy Mucky Mineral (S Sandy Gleyed Matrix (S 			eted Dark S	7.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	1)			d hydrology must be present, disturbed or problematic.
Restrictive Layer (if preser		Redu	v nehiess	iona (ro)			uniess	distance of problematic.
Type:	**	-						
Depth (inches):							Hydric Soil F	Present? Yes X No
							Programmy days	
Remarks:	- N. C	- 2-			در بنود در بنود			
YDROLOGY	ors:	21-			H			
YDROLOGY Wetland Hydrology Indicat		ired; check a	II that apph	·	4		Second	dary Indicators (2 or more required)
YDROLOGY Wetland Hydrology Indicat			Il that apply Water-Stai		es (B9) (e	xcepť	200	dary Indicators (2 or more required) ater-Stained Leaves (B9) (MLRA 1, 2,
YDROLOGY Wetland Hydrology Indicators (minimum			Water-Stai			xcepť	¥ Wa	
YDROLOGY Wetland Hydrology Indicators (minimum Surface Water (A1)		-	Water-Stai MLRA Salt Crust	ned Leave 1, 2, 4A, a (B11)	and 4B)	xcept	✓ Wa	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10)
YDROLOGY Netland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)		+	Water-Stai MLRA Salt Crust Aquatic Inv	ned Leave 1, 2, 4A, a (B11) ertebrate	and 4B) s (B13)	xcept	Dra Dra	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2)
YDROLOGY Wetland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)		111	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen	ned Leave 1, 2, 4A, a (B11) rertebrate Sulfide Oc	and 4B) s (B13) dor (C1)	y)	✓ Wa Dra Dra Sa	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (CS
YDROLOGY Netland Hydrology Indicate Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)			Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen : Oxidized R	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc thizosphe	s (B13) dor (C1) res along	Living Root	Dra Dra Sa ts (C3) Ge	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2)
YDROLOGY Wetland 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)		11111	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizospher of Reduce	s (B13) dor (C1) res along	Living Root	Dra Dra Sa ts (C3) Se Sh	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3)
YDROLOGY Wetland 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)	of one requ		Mater-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc thizospher of Reduce n Reduction	s (B13) dor (C1) res along d Iron (Co	Living Root 4) d Soils (C6)	Dra Dra Sa is (C3) Se Sh Sh	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) callow Aquitard (D3) cC-Neutral Test (D5)
YDROLOGY Wetland Hydrology Indicator (minimum and 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)	of one requ		Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc thizospher of Reduce of Reduction Stressed	s (B13) dor (C1) res along ed Iron (Co on in Tille Plants (D	Living Root	Dra Dra Sa Sh Sh Ra	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) tised Ant Mounds (D6) (LRR A)
YDROLOGY Netland Hydrology Indicator (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 As	of one requ	(B7)	Mater-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc thizospher of Reduce of Reduction Stressed	s (B13) dor (C1) res along ed Iron (Co on in Tille Plants (D	Living Root 4) d Soils (C6)	Dra Dra Sa Sh Sh Ra	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) callow Aquitard (D3) cC-Neutral Test (D5)
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 requ	(B7)	Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc thizospher of Reduce of Reduction Stressed	s (B13) dor (C1) res along ed Iron (Co on in Tille Plants (D	Living Root 4) d Soils (C6)	Dra Dra Sa Sh Sh Ra	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) tised Ant Mounds (D6) (LRR A)
YDROLOGY Netland Hydrology Indicator	of one requ	(B7)	Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizospher of Reduce of Reduction Stressed	s (B13) dor (C1) res along ed Iron (Co on in Tille Plants (D	Living Root 4) d Soils (C6)	Dra Dra Sa Sh Sh Ra	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) tised Ant Mounds (D6) (LRR A)
YDROLOGY Netland Hydrology 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 Core Field Observations:	of one required in a series of the series of	(B7) e (B8)	Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc Rhizospher of Reduce of Reduction Stressed plain in Re	s (B13) dor (C1) res along ed Iron (Co on in Tille Plants (D	Living Root 4) d Soils (C6)	Dra Dra Sa Sh Sh Ra	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) tised Ant Mounds (D6) (LRR A)
YDROLOGY Netland Hydrology Indicator 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 Correlated Observations: Surface Water Present? Nater Table Present? Saturation Present? Saturation Present?	rial Imagery cave Surface Yes Yes Yes	(B7) e (B8) No × No ×	Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp Depth (inc	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc chizospher of Reduce of Reduce of Reduction Stressed plain in Re ches): ches):	s (B13) dor (C1) res along d Iron (C- on in Tille Plants (D marks)	Living Root 4) d Soils (C6) 1) (LRR A)	Wa — Dra — Dra — Sa Is (C3) — Sh — Ra — Fro and Hydrology	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) tised Ant Mounds (D6) (LRR A)
YDROLOGY Wetland Hydrology 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 Corfield Observations: Surface Water Present? Water Table Present?	rial Imagery cave Surface Yes Yes Yes	(B7) e (B8) No × No ×	Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp Depth (inc	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc chizospher of Reduce of Reduce of Reduction Stressed plain in Re ches): ches):	s (B13) dor (C1) res along d Iron (C- on in Tille Plants (D marks)	Living Root 4) d Soils (C6) 1) (LRR A)	Wa — Dra — Dra — Sa Is (C3) — Sh — Ra — Fro and Hydrology	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) ost-Heave Hummocks (D7)
YDROLOGY Netland Hydrology Indicator 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 Correlated Observations: Surface Water Present? Nater Table Present? Saturation Present? Saturation Present?	rial Imagery cave Surface Yes Yes Yes	(B7) e (B8) No × No ×	Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp Depth (inc	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc chizospher of Reduce of Reduce of Reduction Stressed plain in Re ches): ches):	s (B13) dor (C1) res along d Iron (C- on in Tille Plants (D marks)	Living Root 4) d Soils (C6) 1) (LRR A)	Wa — Dra — Dra — Sa Is (C3) — Sh — Ra — Fro and Hydrology	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) ost-Heave Hummocks (D7)
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 Cor Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present? Sincludes capillary fringe) Describe Recorded Data (str	rial Imagery cave Surface Yes Yes Yes	(B7) e (B8) No × No ×	Mater-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp Depth (inc	ned Leave 1, 2, 4A, a (B11) vertebrate Sulfide Oc chizospher of Reduce of Reduce of Reduction Stressed plain in Re ches): ches):	s (B13) dor (C1) res along d Iron (C- on in Tille Plants (D marks)	Living Root 4) d Soils (C6) 1) (LRR A)	Wa — Dra — Dra — Sa Is (C3) — Sh — Ra — Fro and Hydrology	ater-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) ainage Patterns (B10) y-Season Water Table (C2) turation Visible on Aerial Imagery (C9 comorphic Position (D2) allow Aquitard (D3) aC-Neutral Test (D5) aised Ant Mounds (D6) (LRR A) ost-Heave Hummocks (D7)

Project/Site: West Port Light S.	ri	City/County: WES	Port Sampling Date: 9-29-3
Applicant/Owner: 57472 Fax(C)			State: WA Sampling Point: 5P- 721
nvestigator(s): P, Hamidi		Section, Township, Ra	- 24
A		Committee of the commit	convex, none): CON VEX Slope (%): 2
Subregion (LRR):	Lat:		Long: Datum:
Soil Map Unit Name: DUNZ Land			NWI classification: UP LWC
Are climatic / hydrologic conditions on the site typical fo	r this time of year	r? Yes No _	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	significantly of	listurbed? Are	"Normal Circumstances" present? Yes _ X No
Are Vegetation, Soil, or Hydrology	naturally prob	olematic? (If ne	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site m	an chawing	1001	ocations, transects, important features, etc
Mark the section of t		sampling point i	ocations, transects, important reatures, etc
Hydrophytic Vegetation Present? Yes Hydric Soil Present? Yes		Is the Sampled	Area
Hydric Soil Present? Yes Wetland Hydrology Present? Yes		within a Wetlan	
Remarks: byow normal prec;	140_0-		
	P.		
Photos 237-241			
VEGETATION - Use scientific names of p	lants.		
	Absolute	Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 38'	% Cover	Species? Status	Number of Dominant Species
1			That Are OBL, FACW, or FAC:(A)
4	_:		Total Number of Dominant 3
3			Species Across All Strata: (B)
4	0	= Total Cover_	Percent of Dominant Species That-Are OBL, FACW, or FAC: 33 (A/B)
Sapling/Shrub Stratum (Plot size: 15		= Total Cover_	VID)
1. Cytisus Scoperius	25	y UPL	Prevalence Index worksheet:
2. Pinus contoita	_5	FVAC	
3			FACW species x 2 =
4			FAC species x3 =
5	-30		FACU species x 4 =
Herb Stratum (Plot size: 5'	20	= Total Cover	UPL species x 5 =
1. Anthoxavthum oderatum	20	Y FACU	Column Totals: (A) (B)
2. Holcus langtus	70	Y FAC	
3. Plantago lanceolata	10	FACU	Prevalence Index = B/A = Hydrophytic Vegetation Indicators:
4. Hypochaeris radicata	10	FACU	1 - Rapid Test for Hydrophytic Vegetation
5. JUNCUS BYEWER!	5	FACW	2 - Dominance Test is >50%
6. Rumer acatosella	2	FACU	3 - Prevalence Index is ≤3.0!
7.			4 - Morphological Adaptations ¹ (Provide supporting
8.			data in Remarks or on a separate sheet)
9.			5 - Wetland Non-Vascular Plants ¹
10		100	Problematic Hydrophytic Vegetation ¹ (Explain)
11			¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
	67	= Total Cover	be present, unless disturbed of problematic.
Woody Vine Stratum (Plot size: 15			15-32-2-3-
1			Hydrophytic Vegetation
2		= Total Cover	Present? Yes No
% Bare Ground in Herb Stratum		Total Coto.	

200	atrix	the dep	th neede		Feature		or continu	the absenc	e of indicators.)
(inches) Color (moi		%	Color	(moist)	%	Type ¹	Loc ²	Texture	Remarks
0-8 7.54		100	1111		-	-	_	LFS	
8-18 2,54 4		95	2,5	4 4/3	5	C	m	LFS	·
6-10 C159 1	16	12	613	4 1/3			1.1	LFS	•
						_			-
		_	•						4)-
Type: C=Concentration, D	=Depleti	on, RM	Reduced	Matrix, CS	=Covered	d or Coate	ed Sand Gr		ocation: PL=Pore Lining, M=Matrix.
lydric Soil Indicators: (A	ррисарі	e to all				ed.)			tors for Problematic Hydric Soils ³ :
_ Histosol (A1)				dy Redox (S					cm Muck (A10)
Histic Epipedon (A2)				ped Matrix	Committee of the commit	il Income		10000	ed Parent Material (TF2)
Black Histic (A3)				ny Mucky M			MLRA 1)		ery Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)	0			ny Gleyed N		2)		_ 0	ther (Explain in Remarks)
Depleted Below Dark S		411)		leted Matrix				4	and the second s
_ Thick Dark Surface (A				ox Dark Sur					tors of hydrophytic vegetation and
_ Sandy Mucky Mineral				leted Dark S		-7)			land hydrology must be present,
_ Sandy Gleyed Matrix (Red	ox Depressi	ions (F8)			unle	ess disturbed or problematic.
Restrictive Layer (if prese	ent):	ē.							
Type:	_		_						oil Present? Yes No_K
Depth (inches):			_					Hydric So	oil Present? Yes No K
VDROLOGY				*		~~~			
A TABLET STATE OF THE STATE OF	ators:					-			
Wetland Hydrology Indica		require	d; check a	all that apply	0			Sec	ondary Indicators (2 or more required)
Wetland Hydrology Indicators (minimu		require	d; check a		7-11-7	es (B9) (e	xcept		ondary Indicators (2 or more required) Water-Stained Leaves (89) (MLRA 1, 2
Wetland Hydrology Indica Primary Indicators (minimu Surface Water (A1)	m of one	require	d; check a	Water-Stai	ned Leav	The second second	xcept		Water-Stained Leaves (B9) (MLRA 1, 2
Wetland Hydrology Indica Primary Indicators (minimu Surface Water (A1) High Water Table (A2)	m of one	require	d; check a	Water-Stai	ned Leav 1, 2, 4A, a	The second second	xcept	7-	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B)
Vetland Hydrology Indica Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3)	m of one	require	d; check a	Water-Stair MLRA Salt Crust	ned Leav 1, 2, 4A, a (B11)	and 4B)	xcept	7-	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10)
Vetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	m of one	require	d; check a	MLRA Salt Crust	ned Leav 1, 2, 4A, a (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)
Vetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	m of one	require	d; check a	Water-Stair MLRA Salt Crust Salt Crust Aquatic Inv Hydrogen S	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O	and 4B) es (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
Vetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	m of one	require	d; check a	Water-Stair MLRA Salt Crust Aquatic Inv Hydrogen S Oxidized R	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O	es (B13) dor (C1) eres 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 (C3 Geomorphic Position (D2)
Vetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	m of one	require	d; check s	Water-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O chizosphe of Reduce	es (B13) dor (C1) eres along ed Iron (C	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 Hydrology Indicators (minimu 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)	m of one	require	d; check a	Water-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron	ned Leav 1, 2, 4A, a (B11) vertebrate Sulfide O thizosphe of Reduce n Reducti	es (B13) dor (C1) eres along ed Iron (C-	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 (CS Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicators (minimumumary Indicators (minimumary Indicators (minimumary Indicators (minimumary Indicators (Material Indicators (m of one 2) 6)		HILLINI T	Water-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide On thizosphe of Reduce in Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3)
Vetland Hydrology Indicators (minimu 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 (B Inundation Visible on A	m of one 2) 6) Aerial Ima	gery (B		Water-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide On thizosphe of Reduce in Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	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 (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Vetland Hydrology Indicators (minimumum 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 (B	m of one 2) 6) Aerial Ima	gery (B		Water-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide On thizosphe of Reduce in Reducti Stressed	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	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 (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Vetland Hydrology Indicators (minimu 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 (B	m of one 2) 6) Aerial Ima	igery (B urface (77) —	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 4 (B11) vertebrate Sulfide On thizosphe of Reduction Reduction Stressed	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	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 (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators (minimu 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 (B Inundation Visible on A Sparsely Vegetated Co	m of one 2) 6) Aerial Ima	igery (B urface (7) B88) •	Water-Stain MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide O chizosphe of Reducti Stressed plain in Re	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	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 (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Wetland Hydrology Indicators (minimu 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 (B Inundation Visible on A Sparsely Vegetated Coffield Observations:	m of one 2) 6) Aerial Ima	igery (B urface (7) No XX	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide O chizosphe of Reducti Stressed plain in Re	es (B13) dor (C1) eres along ed Iron (C- ion in Tille I Plants (D	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 (C3 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Wetland Hydrology Indica Primary Indicators (minimu 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 (B Inundation Visible on A Sparsely Vegetated Co Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present?	2) 6) Aerial Imaconcave Sorres Yes Yes	gery (B urface (7) No × No × No	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide Or chizosphe of Reduce in Reducti Stressed ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C- ion in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3) i) and Hydrolo	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)
Wetland Hydrology Indica Primary Indicators (minimu 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 (B Inundation Visible on A Sparsely Vegetated Co Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present?	2) 6) Aerial Imaconcave Sorres Yes Yes	gery (B urface (7) No × No × No	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide Or chizosphe of Reduce in Reducti Stressed ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C- ion in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3) i) and Hydrolo	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)
High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B Inundation Visible on A Sparsely Vegetated Co Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present? Saturation Present? Secribe Recorded Data (S	2) 6) Aerial Imaconcave Sorres Yes Yes	gery (B urface (7) No × No × No	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide Or chizosphe of Reduce in Reducti Stressed ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C- ion in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3) i) and Hydrolo	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 Hydrology Indica Primary Indicators (minimu 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 (B Inundation Visible on A Sparsely Vegetated Co Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present?	m of one 2) 6) Aerial Ima oncave So Yes Yes Yes	gery (B urface (7) No × No × No	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide Or chizosphe of Reduce in Reducti Stressed ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C- ion in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3) i) and Hydrolo	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 (minimu 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 (B Inundation Visible on A Sparsely Vegetated Coffield Observations: Surface Water Present? Vater Table Present? Saturation Present? Saturation Present? Saturation Present? Saturation Present? Secribe Recorded Data (S	m of one 2) 6) Aerial Ima oncave So Yes Yes Yes	gery (B urface (7) No × No × No	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide Or chizosphe of Reduce in Reducti Stressed ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C- ion in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3) i) and Hydrolo	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 (minimu 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 (B Inundation Visible on A Sparsely Vegetated Co field Observations: Surface Water Present? Vater Table Present? Saturation Present? Saturation Present? Saturation Present? Saturation Present? Secribe Recorded Data (S	m of one 2) 6) Aerial Ima oncave So Yes Yes Yes	gery (B urface (7) No × No × No	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide Or chizosphe of Reduce in Reducti Stressed ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C- ion in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3) i) and Hydrolo	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)
Vetland Hydrology Indicators (minimu 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 (B Inundation Visible on A Sparsely Vegetated Collections: Surface Water Present? Vater Table Present? Vater Table Present? Includes capillary fringe) Describe Recorded Data (Septimize Water Collections)	m of one 2) 6) Aerial Ima oncave So Yes Yes Yes	gery (B urface (7) No × No × No	Water-Stai MLRA Salt Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Stunted or Other (Exp	ned Leav 1, 2, 4A, 3 (B11) vertebrate Sulfide Or chizosphe of Reduce in Reducti Stressed ches): ches): ches): ches):	es (B13) dor (C1) eres along ed Iron (C- ion in Tille Plants (D emarks)	Living Roo 4) d Soils (C6 1) (LRR A	ots (C3) i) and Hydrolo	Water-Stained Leaves (B9) (MLRA 1, 2 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (Caemorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)

Project/Site: West Post Light 5	P City/County: West Post Sampling Date: 4-13-2
Applicant/Owner: State Carias	State: LULA Sampling Point: SP-B1
Investigator(s): B. Hamidi	Section, Township, Range:
Landform (hillslope, terrace, etc.): Intrydung	Local relief (concave, convex, none): Convey Slope (%):
Subregion (LRR):	Lat: Long: Datum:
Soil Map Unit Name: Yaqui Nq	NWI classification: PSS/PEMIC
	this time of year? Yes _ No (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	
Are Vegetation, Soil, or Hydrology	naturally problematic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site ma	p showing sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Remarks: Yes Yes X	No Is the Sampled Area
Photos 31-35 Nov	n and of Mosaic A.
VEGETATION - Use scientific names of pla	ants.
Tree Stratum (Plot size: 30	Absolute Dominant Indicator Dominance Test worksheet:
1. Pi NUS contorog	% Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
2.	Total Number of Dominant
3	Species Across All Strata: (B)
Sapling/Shrub Stratum (Plot size: 15)	= Total Cover Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
	70 Y FACW Prevalence Index worksheet:
2.	Total % Cover of: Multiply by:
3	OBL species x 1 =
4	FACVV species x 2 =
E	FAC species x3 =
Herb Stratum (Plot size: 5'	70 = Total Cover FACU species x 4 =
	UPL species x 5 =
1. Carex obnopta	
2. Nevonica scutellata	
3	— — Hydrophytic Vegetation Indicators:
4	1 - Rapid Test for Hydrophytic Vegetation
5	
6	3 - Prevalence Index is ≤3.0 ¹
7	data in Demode
8	F Wotland Non-Voscal - Distal
9	Deble of the control
10	¹Indicators of hydric soil and wetland hydrology must
11	be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: 15)	
1	Hydrophytic
2	Vegetation
2.0	O = Total Cover Present? Yes 🔀 No
% Bare Ground in Herb Stratum 20	· · · · · · · · · · · · · · · · · · ·
Remarks:	
Remarks:	

Sampling Point: SP-B1

Depth Matrix Redox Features (inches) Color (moist) % Color (moist) % Type¹ Loc² 1-0 0-3 2,54,41,5 /0	
1-0 0-3 2,54,4/15 100	
0-3 2,54,4/15 /00	Texture Remarks
3 10 17 90 1	1.Ec
3-4 254417 90 104R414 10 C M	LFS
9-18 54 45/1 90 7,544/3 10	
100000000000000000000000000000000000000	
¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Gra	rains. ² Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	Indicators for Problematic Hydric Soils ³ :
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)	
Thick Dark Surface (A12) Redox Dark Surface (F6)	³ 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:	1
Depth (inches):	Hydric Soil Present? Yes No
IYDROLOGY Wetland Hydrology Indicators:	
Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
	Water-Stained Leaves (B9) (MLRA 1, 2,
Surface Water (A1) Water-Stained Leaves (B9) (except	4A, and 4B)
High Water Table (A2) MLRA 1, 2, 4A, and 4B)	4A, allu 4b)
High Water Table (A2) Saturation (A3) MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	Drainage Patterns (B10)
High Water Table (A2) Saturation (A3) Water Marks (B1) MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13)	Drainage Patterns (B10)Dry-Season Water Table (C2)
High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	 Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9)
High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Root	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) ★ Geomorphic Position (D2)
High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Root	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) ★ Geomorphic Position (D2) □ Shallow Aquitard (D3)
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, 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)	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Second Position (D2) □ Shallow Aquitard (D3) ○ FAC-Neutral Test (D5)
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) 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)	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Second Position (D2) □ Shallow Aquitard (D3) ○ FAC-Neutral Test (D5)
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) 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) Other (Explain in Remarks)	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5)
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) 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) Other (Explain in Remarks)	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A)
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) 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) Other (Explain in Remarks)	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A)
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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 Depth (inches): Wetla	□ Drainage Patterns (B10) □ Dry-Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Shallow Aquitard (D3) □ FAC-Neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A)
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 Depth (inches): Saturation Present? Yes No Depth (inches): Wetla	Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) ts (C3)
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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 Depth (inches): Saturation Present? Yes No Depth (inches): Wetla	Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) ts (C3)

WETLAND DETERMINATION DATA	FORM – Western Mou	ntains, Valleys, and Coast Region 4 -/3-2
Project/Site: West Port 2; Sut 5P	City/County: Was	Fort Sampling Date:
Applicant/Owner: State Parks		State: WA Sampling Point: SP-BZ
0 11 100 1	Section, Township, Rar	
Landform (hillslope, terrace, etc.): INTEN JUNG	Local relief (concave of	convex none): (20 VEX Slone (%): 4
Subregion (LRR): A La	t:	Long: Datum:
Soil Map Unit Name: Yagu; Na		NWI classification: UP (aNd
Are climatic / hydrologic conditions on the site typical for this time		
Are Vegetation, Soil, or Hydrology signific		Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology natura		eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS - Attach site map sho		ocations transects important features etc
Hydrophytic Vegetation Present? Yes No		boations, transcots, important reatures, etc.
Hydric Soil Present? Yes No No	1	Area
Wetland Hydrology Present? Yes No		nd? Yes NoX
Remarks:	The second second	
Photo3 36-39		
VEGETATION – Use scientific names of plants.		
	solute Dominant Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:	Cover Species? Status	Number of Dominant Species
1. PINUS CONTORTS	3 FAC	That Are OBL, FACW, or FAC: (A)
2		Total Number of Dominant Species Across All Strata: 7 (B)
4		Species Across All Strata:(B)
1-1	3 = Total Cover	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size:		Prevalence Index worksheet:
1. Cytisus Scopenius	50 4 UPL	, Total % Cover of: Multiply by:
2 Morella Colifornia 3 Vaccinium ouatum	FACU	OBL species x 1 =
3. Vacational Diagona	5 +VKU	FACW species x 2 =
5.	2 10 10 10 10 10 10 10 10 10 10 10 10 10	FAC species x 3 =
	= Total Cover	FACU species x 4 =
Herb Stratum (Plot size: 5	40 V FACU	UPL species x 5 =
1. Ammophila avenavia	20 Y FACU	Column Totals: (A) (B)
2. Hypochaeris radicates: 3. Anthoxanthum odoratum	ID FACE	Prevalence Index = B/A = Hydrophytic Vegetation Indicators:
4.		
5.		1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50%
6.		3 - Prevalence Index is ≤3.0¹
7.		4 - Morphological Adaptations¹ (Provide supporting
8		data in Remarks or on a separate sheet)
9		5 - Wetland Non-Vascular Plants ¹
10		Problematic Hydrophytic Vegetation¹ (Explain)
11.	= Total Cover	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size:)	= Total Cover	
1		Hydrophytic
2.		Vegetation
	O= Total Cover	Present? Yes No 🕰
% Bare Ground in Herb Stratum		

Sampling Point: SP-B2

Profile Description: (Describe to the depth needed to document the indicate	r or confi	irm the absen	ce of indicators.)
Depth Redox Features	-		
(inches) Color (moist) % Color (moist) % Type	_ Loc²	Texture	Remarks
0-6 164 R 3/3/00		LIS	_ This committee in the committee of the
6-11 104R312		- LPS	
11-18 2,544/2 95 16484/3 5 C	m	1.00	
17 10 11 11 1 5 C		- 2/3	
	-		
	-		- William Brain and Brain
[19] [18] [18] [18] [18] [18] [18] [18] [18			
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coa	ted Sand	Grains. ² l	Location: PL=Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	36		ators for Problematic Hydric Soils ³ :
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) (exce	pt MLRA	1) V	ery Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)		_ 0	ther (Explain in Remarks)
Depleted Below Dark Surface (A11) Depleted Matrix (F3)			
Thick Dark Surface (A12) Redox Dark Surface (F6)			ators of hydrophytic vegetation and
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Depicted Dark Surface (F7) Redox Depressions (F8)			tland hydrology must be present,
Sandy Gleyed Matrix (S4) Redox Depressions (F8) Restrictive Layer (if present):	200	unl	ess disturbed or problematic.
Type:		1 - 1 - 9	./
		Liveleia Ca	oil Present? Yes No
Depth (inches):Remarks:		Hydric Sc	MITTESERLY TES NO
Depth (inches): Remarks: IYDROLOGY		Hydric Sc	MITTESERLY TES NO
		* 6	
Depth (inches):	except	Sec	ondary Indicators (2 or more required)
Primary Indicators (minimum of one required; check all that apply)	except	Sec	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2,
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Water-Stained Leaves (B9) (except	Sec	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
Depth (inches):	except	Sec	ondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Depth (inches): YDROLOGY Wetland Hydrology Indicators: 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)	except	Sec	ondary 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)		Sec.	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 (C9
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) WPDROLOGY Wetland Hydrology Indicators: Water All that apply) Water Apply Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	J Living Ro	Sec	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 (C9 Geomorphic Position (D2)
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Depth (inches):	g Living Ro (4) ed Soils (0	Sec — — — — — — — — — — — — — — — — — — —	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches):	g Living Ro (4) ed Soils (0	Sec ————————————————————————————————————	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 (C9 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) INDICATE OF TREE CAND STREET CONTROLL (B5) Surface Soil Cracks (B6) Secure Control (B6) Presence of Reduced Iron (C1) Surface Soil Cracks (B6) Stunted or Stressed Plants (C2) Surface Soil Cracks (B6)	g Living Ro (4) ed Soils (0	Sec ————————————————————————————————————	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches):	g Living Ro (4) ed Soils (0	Sec ————————————————————————————————————	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Property (inches): Property	g Living Ro (4) ed Soils (0	Sec ————————————————————————————————————	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
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Depth (inches): Remarks: 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) Water Table Present? Ves No Depth (inches): Water Table (A2) MLRA 1, 2, 4A, and 4B) MLRA 1, 2, 4A, and 4B) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aputation Visible Odor (C1) Presence of Reduced Iron (C) Recent Iron Reduction in Till Other (Explain in Remarks) Field Observations: Surface Water Present? Ves No Depth (inches): Depth (inches):	g Living Ro (4) ed Soils (0 (1) (LRR	Sec ————————————————————————————————————	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)
Depth (inches): Remarks: Relat that apply) Reaves (B9) MLRA 1, 2, 4A, and 4B) MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Presence of Reduced Iron (C) Recent Iron Reduction in Till Recent Iron Reduction in Till Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Recent Iron Reduction in Remarks) Surface Water Present? Recent Iron Reduction in Remarks) Depth (inches): Remarks: Reprice All that apply Rever (B1) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Replace Mica A, and 4B) Revent India Apply Revent India Ap	g Living Ro (4) ed Soils (0 (D1) (LRR)	oots (C3) C6) A)	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
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Depth (inches): Remarks: Remarks: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Vater 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? Ves No Depth (inches): Nater Table (Recent Iron Reduction in Till Deposits (B3) Depth (inches): Depth (inches):	g Living Ro (4) ed Soils (0 (D1) (LRR)	oots (C3) C6) A)	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 (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)	g Living Ro (4) ed Soils (0 (D1) (LRR)	oots (C3) C6) A)	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 (C9 Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7)