WETLAND DETERMINATION DATA FORM - Alaska Region

Local relief (concave, convex, none): fight
Local relief (concave, convex, none): flat
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Subregion: Interior Alaska Mountains Lat: 62.8962999082 Long: 148.660359969 Datum: WGS84 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 Vegetation Soil Or Hydrology naturally problematic? Are Normal Circumstances present? Yes No SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrology Present? Yes No Well Step No Sumpty Step Step No Sumpty Step Step No Sumpty Step Step
Are climatichydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation
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? (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 Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Resent? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Resent? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Resent? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No No Indicator Solve Analysia Archives Archive Species And Archives Archive Sharp Prevalence Index is 3.0. Prevalence Index is 3.0. Prevalence Index is 3.0. Prevalence Index is 3.0. Prevalenc
Are Vegetation
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SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No
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State Sampled Area within a Wetland? Yes No No within a Wetland? Yes No within a Wetland? Yes No No within a Wetland? Yes No No No No No No No N
State Sampled Area within a Wetland? Yes No No within a Wetland? Yes No within a Wetland? Yes No No within a Wetland? Yes No No No No No No No N
Wetland Hydrology Present? Yes ○ No ● within a Wetland? Yes ○ No ● Remarks: Sdee w exposed boulders and sparse cover of overtopping willows, borderline to Slow VEGETATION - Use scientific names of plants. List all species in the plot. Image: Absolute % Cover Species? Species? Status Tree Stratum Absolute % Cover Species? Species? Species? Species? Species? Species? Species Plant Are OBL, FACW, or FAC:1 (A) 1 (A) 2 (A) 2 (A)
Remarks: Sdee w exposed boulders and sparse cover of overtopping willows, borderline to Slow VEGETATION - Use scientific names of plants. List all species in the plot. Tree Stratum
VEGETATION - Use scientific names of plants. List all species in the plot. Tree Stratum Absolute % Cover % Cover Dominant Species Status Indicator Status Number of Dominant Species That are OBL, FACW, or FAC: 1 (A) 1 (A) 1. 0 <
Absolute 9/2 Cover Species Indicator
Absolute 9/2 Cover Species Indicator
Absolute 9/2 Cover Species Indicator
Number of Dominant Species Number of Dom
That are OBL, FACW, or FAC:
2. 0
3.
4.
Total Cover:
Total Cover: O Sapling/Shrub Stratum 50% of Total Cover: O 20% of Total Cover: O Column Totals Salix alaxensis S S S S S S S S S
Sapling/Shrub Stratum 50% of Total Cover: 0 20% of Total Cover: 0 Column Totals: Number of Stratum 1. Salix alaxensis 15 FAC FACW Species 35 x 2 = 70 2. Salix pulchra 25 FACW FAC Species 117.1 x 3 = 351.3 3. Empetrum nigrum 70 FAC FAC US Species 40.1 x 4 = 160.4 4. Vaccinium uliginosum 25 FAC UPL Species 0 x 5 = 0 5. 0 Column Totals: 192.2 (A) 581.7 (B) 6. 0 D Prevalence Index = B/A = 3.027 3.027 8. 0 D Dominance Test is > 50% Prevalence Index is ≤3.0 9. Total Cover: 135 Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation 1 (Explain) 1. Sanguisorba canadensis 10 FACW FACW Problematic Hydrophytic vegetation 1 (Explain) 2. Mertensia paniculata 1
1. Salix alaxensis 1. Salix alaxensis 1. Salix alaxensis 1. Salix alaxensis 1. Salix pulchra 2. Salix pulchra 2. Salix pulchra 2. Empetrum nigrum 70
2. Salix pulchra 2. Salix pulchra 3. Empetrum nigrum 70
3. Empetrum nigrum 70 ✓ FAC 4. Vaccinium uliginosum 25
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5. 0 Column Totals: 192.2 (A) 581.7 (B) 6. 0 Prevalence Index = B/A = 3.027 8. 0 Hydrophytic Vegetation Indicators:
6.
7.
7.
9.
10.
Total Cover: 135 Herb Stratum 50% of Total Cover: 67.5 20% of Total Cover: 27 1. Sanguisorba canadensis 10 FACW Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet) 2. Mertensia paniculata 1 FACU 1 Indicators of hydric soil and wetland hydrology must
Herb Stratum 50% of Total Cover: 67.5 20% of Total Cover: 27 Remarks or on a separate sheet) 1. Sanguisorba canadensis 10
1. Sanguisorba canadensis 10 FACW Problematic Hydrophytic Vegetation (Explain) 2. Mertensia paniculata 1 FACU Indicators of hydric soil and wetland hydrology must
2. Mertensia paniculata 1 FACU Indicators of hydric soil and wetland hydrology must
3 Geranium erianthum 15 ✓ FACU be present, unless disturbed or problematic.
4. Corpus canadansis
5. Lupinus nootkatensis 3 Plot size (radius, or length x width) 10m
6. Chamerion angustifolium 1
Chamerian latifalium
8. Festuca rubra 5 FAC 7. Total Cover of Bryophytes 5
9. Trisetum spicatum 0.1 FAC
10. Artemisia norvegica O.1 Hydrophytic
Total Cover: 57.2 Vegetation
50% of Total Cover: 28.6 20% of Total Cover: 11.44 Present? Yes No •
Remarks: Bare ground is boulders, Bisvip, Poa sp (collected), Sweper, Luzpar = 0.1 cover

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SOIL Sampling Point: SW12_T35_08

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators) Depth										
Depth (inches) Color (moist)		ist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
0-1			100					Fibric Organics		
1-2	10YR	 2/2	85					Loamy Sand	15% roots	
2-11	10YR	 3/4	50					Sand		
	101K							Sanu	semiang-rounded gravel w coarse sand	
									-	
¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix										
Hydric Soil Indicators: Indicators for Problematic Hydric Soils: ³										
☐ Histosol or Histel (A1) ☐ Alaska Color Change (TA4) ☐								Alaska Gleyed Without H	ue 5Y or Redder	
Histic Epip	edon (A2)			Alaska Alpine swales (TA5) Underlying Layer						
Hydrogen	Sulfide (A4)			Alaska Redox V	Vith 2.5Y H	Hue		Other (Explain in Remark	(S)	
☐ Thick Dark	Surface (A12)			30						
Alaska Gle	yed (A13)			 One indicator of and an appropriat 	hydrophyl e landscar	tic vegetatio ne position r	n, one prin nust be pre	mary indicator of wetland hesent	lydrology,	
Alaska Redox (A14)										
Alaska Gleyed Pores (A15) 4 Give details of color change in Remarks										
Restrictive Laye	er (if present):									
Type:								Hydric Soil Present	? Yes ○ No •	
Depth (inch	nes):									
HYDROLOGY										
Wetland Hydi	rology Indica	tors:						Secondary Indi	cators (two or more are required)	
Primary Indica	tors (any one i	s sufficient)					Water Stained Leaves (B9)		
Surface W	/ater (A1)			☐ Inundation Visible on Aerial Imagery (B7)				Drainage Patterns (B10)		
High Wate	er Table (A2)			Sparsely Vegetated Concave Surface (B8)				Oxidized Rhizospheres along Living Roots (C3)		
Saturation	. ,			Marl Deposits (B15)				Presence of Reduced Iron (C4)		
Water Marks (B1) Hydrogen Sulfide Odor (C1)								Salt Depos	its (C5)	
Sediment Deposits (B2) Dry-Season Water Table (C2)									Stressed Plants (D1)	
☐ Drift Depo	osits (B3)			Other (Explai	n in Rema	rks)			ic Position (D2)	
	or Crust (B4)								juitard (D3)	
Iron Depo	. ,							_	graphic Relief (D4)	
Surface So	oil Cracks (B6)						1	☐ FAC-neutra	l Test (D5)	
Field Observa										
Surface Water	r Present?		No 💿	Depth (inche	s):					
Water Table P	resent?	Yes C	No 💿	Depth (inche	s):		Wetla	nd Hydrology Presen	t? Yes O No 💿	
Saturation Pre (includes capil		Yes \bigcirc	No •	Depth (inche	s):					
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:										
Remarks:										
	trology indicate	arc								
no wetland hydrology indicators										

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