WETLAND DETERMINATION DATA FORM – Alaska Region

Project/Site:	Borough/City:		Sampling Date:
Applicant/Owner:			Sampling Point:
Investigator(s):	Landform (hills	side, terrace, hummocks, etc.):	
Local relief (concave, convex, none):	Slope (%):		
Subregion: La	ət:	Long:	Datum:
Soil Map Unit Name:		NWI classifi	cation:
Are climatic / hydrologic conditions on the site typical for the	nis time of year? Yes	No (If no, explain in F	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 answe	ers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes N	No No No	Is the Sampled Area within a Wetland?	Yes	No
Remarks:					

VEGETATION – Use scientific names of plants. List all species in the plot.

	Absolute Dominant Indicator		
<u>Tree Stratum</u> 1	<u>% Cover Species? Status</u>	Number of Dominant Species That Are OBL, FACW, or FAC:	(A)
			_ (/ ()
2		Total Number of Dominant	
3		_ Species Across All Strata:	_ (B)
4		Percent of Dominant Species	
Total Cover		That Are OBL, FACW, or FAC:	_ (A/B)
	20% of total cover:	Prevalence Index worksheet:	
Sapling/Shrub Stratum		Total % Cover of: Multiply by:	
1		- OBL species x 1 =	
2		FACW species x 2 =	
3		- FAC species x 3 =	
4	· ·	- FACU species x 4 =	
5		- UPL species x 5 =	
6	·	- Column Totals: (A)	
Total Cover	:		(D)
	20% of total cover:	Prevalence Index = B/A =	
Herb Stratum		Hydrophytic Vegetation Indicators:	
1		Dominance Test is >50%	
2	·	Prevalence Index is ≤3.0	
3		 Morphological Adaptations¹ (Provide support 	ortina
4	· · ·	data in Remarks or on a separate sheet	
5		Problematic Hydrophytic Vegetation ¹ (Expl	ain)
6		_	
7		¹ Indicators of hydric soil and wetland hydrology	must
8		be present unless disturbed or problematic.	
9			
10		_	
Total Cover		-	
	20% of total cover:		
Plot size (radius, or length x width)		Hydrophytic	
% Cover of Wetland Bryophytes Total Co	· · · · · · · · · · · · · · · · · · ·		
(Where applicable)		-	
Remarks:			

Histic Epipedon (A2) Alaska Alpine Swales (TA5) Underlying Layer Hydrogen Sulfide (A4) Alaska Redox With 2.5Y Hue Other (Explain in Remarks) Thick Dark Surface (A12) Alaska Gleyed (A13) 3One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, Alaska Redox (A14) and an appropriate landscape position must be present unless disturbed or problematic. Alaska Gleyed Pores (A15) ⁴ Give details of color change in Remarks. Restrictive Layer (if present): Type: Depth (inches): Mudric Soil Present? Yes	Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ² Location: PL=Pore Lining, M=Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils ³ : Histosol or Histel (A1) Alaska Color Change (TA4) ⁴ Histosol or Histel (A1) Alaska Color Change (TA4) ⁴ Histosol or Histel (A1) Alaska Color Change (TA4) ⁴ Histosol or Histel (A1) Alaska Color Change (TA5) Underlying Layer Alaska Redox With 2.5Y Hue Hydrogen Sulfide (A4) Alaska Redox With 2.5Y Hue Thick Dark Surface (A12) Alaska Redox With 2.5Y Hue Alaska Gleyed (A13) ³ One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present unless disturbed or problematic. Alaska Gleyed Pores (A15) ⁴ Give details of color change in Remarks. Restrictive Layer (if present):	Depth	Matrix		Redo	x Features					
Hydric Soil Indicators: Indicators for Problematic Hydric Soils ³ :	Hydric Soil Indicators: Indicators for Problematic Hydric Soils ³ :	(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture		Remarks
Indicators: Indicators for Problematic Hydric Soils ³ :	Indicators: Indicators for Problematic Hydric Soils ³ :					·					
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Histosol or Histel (A1) Alaska Color Change (TA4) ⁴ Alaska Gleyed Without Hue 5Y or Redder Histic Epipedon (A2) Alaska Alpine Swales (TA5) Underlying Layer Hydrogen Sulfide (A4) Alaska Redox With 2.5Y Hue Other (Explain in Remarks) Thick Dark Surface (A12) Alaska Gleyed (A13) 3One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present unless disturbed or problematic. Alaska Gleyed Pores (A15) 4Give details of color change in Remarks. Restrictive Layer (if present):	Histosol or Histel (A1) Alaska Color Change (TA4) ⁴ Alaska Gleyed Without Hue 5Y or Redder Histic Epipedon (A2) Alaska Alpine Swales (TA5) Underlying Layer Hydrogen Sulfide (A4) Alaska Redox With 2.5Y Hue Other (Explain in Remarks) Thick Dark Surface (A12)			etion, RM				-	ains. ² Locatior	: PL=Pc	re Lining, M=Matrix.
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Hydrogen Sulfide (A4)	Hydrogen Sulfide (A4) Alaska Redox With 2.5Y Hue Other (Explain in Remarks) Thick Dark Surface (A12)					-					out Hue 5Y or Redder
Thick Dark Surface (A12) Alaska Gleyed (A13) Alaska Redox (A14) Alaska Gleyed Pores (A15) ⁴ Give details of color change in Remarks. Restrictive Layer (if present): Type: Depth (inches): Multiple Surface (A12) Hydric Soil Present? Yes No	Thick Dark Surface (A12) Alaska Gleyed (A13) Alaska Redox (A14) Alaska Gleyed Pores (A15) ⁴ Give details of color change in Remarks. Restrictive Layer (if present): Type: Depth (inches): Multiple Surface (A12) Hydric Soil Present? Yes No		• • • •				. ,		•		
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Type:	Type:	Alaska G	Gleyed Pores (A15)						·		
Depth (inches):	Depth (inches): No	Restrictive I	Layer (if present):								
Depth (inches): Hydric Soil Present? Yes No Remarks: Image: Contract of the second se		Туре:									
Remarks:	Remarks:	Depth (ind	ches):						Hydric Soil Pres	ent?	res No
		Remarks:							•		

HYDROLOGY

Wetland Hydrology Indicate	ors:		Secondary Indicators (2 or more required)
Primary Indicators (any one in	ndicator is suffi	icient)	Water-stained Leaves (B9)
 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) 	-	Inundation Visible on Aerial Imager Sparsely Vegetated Concave Surfa Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Other (Explain in Remarks)	face (B8)Oxidized Rhizospheres along Living Roots (C3) Presence of Reduced Iron (C4) Salt Deposits (C5) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4)
Surface Soil Cracks (B6)			FAC-Neutral Test (D5)
Field Observations:			
Surface Water Present?	Yes	No Depth (inches):	
Water Table Present?	Yes	No Depth (inches):	
Saturation Present? (includes capillary fringe)	Yes	No Depth (inches):	Wetland Hydrology Present? Yes No
Describe Recorded Data (stre	am gauge, mo	onitoring well, aerial photos, previous in	inspections), if available:
Remarks:			