## U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Alaska Region See ERDC/EL TR-07-24: the proponent agency is CECW-CO-R

OMB Control #: 0710-xxxx, Exp: Pending Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

Project/Site:	Borough/City:						
A							
Investigator(s):		rrace, hummocks, etc.):					
Local relief (concave, convex, none):	Slope (%	6):					
Subregion: LRR W1, MLRA 224 (Cook Inlet Lowlands)		Long: Datum:					
Soil Map Unit Name:	NWI classification:						
Are climatic / hydrologic conditions on the site typical for							
	·						
Are Vegetation, Soil, or Hydrologys		Circumstances" present? Yes No					
Are Vegetation, Soil, or Hydrologyr		plain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site ma	p showing sampling point loc	ations, transects, important features, etc					
Hydrophytic Vegetation Present? Yes No	Is the Sampled A	rea					
	within a Wetland						
Wetland Hydrology Present? Yes No							
Remarks:							
VEGETATION – Use scientific names of pl	lants.						
Tree Stratum	Absolute Dominant Indicator % Cover Species? Status	Dominance Test worksheet:					
1.	% Cover Species? Status						
2.		Number of Dominant Species That   Are OBL, FACW, or FAC: (////////////////////////////////////					
3.		Total Number of Dominant Species					
4.		Across All Strata: (I					
	=Total Cover	Percent of Dominant Species That					
50% of total cover:	20% of total cover:	Are OBL, FACW, or FAC:(/					
Sapling/Shrub Stratum							
1		Prevalence Index worksheet:					
2		Total % Cover of: Multiply by:					
3		OBL species x 1 =					
4 5.		FACW species x 2 =   FAC species x 3 =					
6.		FAC species X 3					
	=Total Cover	UPL species x 5 =					
50% of total cover:		Column Totals: (A) (B					
Herb Stratum		Prevalence Index = B/A =					
1							
2.		Hydrophytic Vegetation Indicators:					
3.		Dominance Test is >50%					
4.		Prevalence Index is ≤3.0 <sup>1</sup>					
5.		Morphological Adaptations <sup>1</sup> (Provide supporting					
6.		data in Remarks or on a separate sheet)					
7.		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)					
8		<sup>1</sup> Indicators of hydric soil and wetland hydrology mu					
9		be present, unless disturbed or problematic.					
10							
	=Total Cover						
50% of total cover:							
Plot Size (radius, or length x width)	% Bare Ground	Hydrophytic					

Total Cover of Bryophytes

Vegetation

Yes

No

Present?

Remarks:

% Cover of Wetland Bryophytes

(Where applicable)

SOIL

Sampling Point:

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)									
Depth Matrix Redox Features									
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks	
		•							
			<u> </u>						
<u> </u>									
<sup>1</sup> Type: C=Conc	entration D=Der	letion RM=	Reduced Matrix.	CS=Cov	ered or C	nated Sr	and Grains	<sup>2</sup> Location: PL=Pore Lining, M=Matrix.	
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils <sup>3</sup> :									
Histosol or H			Depleted Belo		-		Alaska (	Color Change (TA4) <sup>4</sup>	
Histic Epipe		-	Depleted Matri		Junace .	,		Alpine Swales (TA5)	
Black Histic		-	Redox Dark Si	· · /	-6)			Redox With 2.5Y Hue	
Hydrogen S		_	Depleted Dark	•	,		Alaska Gleyed Without Hue 5Y or Redder		
	Surface (A12)	_	Redox Depres		· · /		Underlying Layer		
Alaska Gley	. ,	_	Red Parent Ma		-		Other (Explain in Remarks)		
Alaska Redo		-	Very Shallow [	•	,	2)	`	, , , , , , , , , , , , , , , , , , ,	
	ved Pores (A15)	-			-		ation, one primary in	dicator of wetland hydrology,	
<u> </u>						-		resent unless disturbed or problematic.	
			<sup>4</sup> Give deta		•				
Restrictive Lav	ver (if observed)								
Type:	or (in object to a)								
Depth (inche	es):		—				Hydric Soil Prese	ent? Yes No	
Remarks:	Remarks:								
HYDROLOGY									
-	logy Indicators:							ndicators (2 or more required)	
-	ors (any one indic	ator is suffic						tained Leaves (B9)	
Surface Wat	( )	-	Inundation Vis					e Patterns (B10)	
	High Water Table (A2) Sparsely Vegetated Concave Surface				urface (E	· · · · · · · · · · · · · · · · · · ·	d Rhizospheres along Living Roots (C3)		
Saturation (A3) Marl Deposits (B15)						e of Reduced Iron (C4)			
	Water Marks (B1) Hydrogen Sulfide Odor (C1)						posits (C5)		
	Sediment Deposits (B2) Dry-Season Water Table (C2)						or Stressed Plants (D1)		
Drift Deposits (B3) Other (Explain in Remarks)					Geomorphic Position (D2)				
Algal Mat or Crust (B4)						Shallow Aquitard (D3)			
Iron Deposit								oographic Relief (D4)	
	l Cracks (B6)						FAC-INE	utral Test (D5)	
Field Observati									
Surface Water F		es	No		inches):				
Water Table Pre		es	No		inches):			· - · · ·	
Saturation Prese		es	No	Deptn (I	inches):		Wetland Hydro	logy Present? Yes No	
(includes capilla			's in a well operio	Linkataa					
Describe Record	Jed Data (stream	i gauge, moi	nitoring well, aeria	al photos	, previous	3 Inspeci	lions), if available.		
Remarks:									
Rellidiks.									