WETLAND DETERMINATION DATA FORM - Alaska Region

	ct/Site: Susitna-Watana Hydroelectric Project	Е	Borough/City:	Matanusk	ka-Susitna Borough Sampling Date: 23-Jun-12
Applic	cant/Owner: Alaska Energy Authority				Sampling Point: SW12_T10_01
	tigator(s): SLI, LMF		Landform (hill	side, terrac	ce, hummocks etc.): Floodplain
	relief (concave, convex, none): flat		Slope:		3 ° Elevation: 218
	egion : Southcentral Alaska	l at ·	62.786110000		Long.: -149.658657409 Datum: NAD83
			02.700110000		
	lap Unit Name:		0 V	No ○	NWI classification: Upland
	limatic/hydrologic conditions on the site typical for this t	•			(If no, explain in Remarks.) Iormal Circumstances" present? Yes ● No ○
			y disturbed?		iornal olloanistarioes present:
Are	Vegetation . , Soil . , or Hydrology .	naturally pi	roblematic?	(If nee	eded, explain any answers in Remarks.)
SUM	IMARY OF FINDINGS - Attach site map sho	wing san	npling point	locations	s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes No		1-	41 0	unland Auran
	Hydric Soil Present? Yes No				ıpled Area /etland? Yes ◯ No ◉
	Wetland Hydrology Present? Yes No)	WI	thin a W	retland? fes ono o
Rem	narks: dense salix-alnus community, dominated by tall,	tree-form s	salix and alnus	. pressed s	albar.
VEG	ETATION -Use scientific names of plants. L	ist all spe	ecies in the	plot.	
		Absolute			Dominance Test worksheet:
Tre	ee Stratum	% Cover		Status	Number of Dominant Species
1.	Populus balsamifera	15	✓	FACU	That are OBL, FACW, or FAC: 8 (A)
2.	Alnus viridis	15	✓	FAC	Total Number of Dominant Species Across All Strata: 10 (B)
3.		15	✓	FACW	Percent of dominant Species
4.	Salix glauca	10		FAC	That Are OBL, FACW, or FAC: 80.0% (A/B)
5.		0			Prevalence Index worksheet:
	Total Cove	r: <u>55</u>			Total % Cover of: Multiply by:
Sa	pling/Shrub Stratum 50% of Total Cover:	27.5 20%	of Total Cover:	11	OBL Species $0 \times 1 = 0$
1.	Alnus incana	10	✓	FAC	FACW Species 16 x 2 = 32
	Salix dauca	10	<u> </u>	FAC	FAC Species 75 x 3 = 225
	Odlik gladca				
3.	Salix alaxensis	10	<u></u>	FAC	FACU Species 24 x 4 = 96
3. 4.	Saliy haralayi	10			FACU Species 24 x 4 = 96 UPL Species 0 x 5 = 0
	Salix barclayi	10	✓	FAC	UPL Species 0 x 5 = 0
4.	Salix barclayi Ribes triste	10	✓	FAC FAC	UPL Species $0 \times 5 = 0$ Column Totals: $115 \times (A) \times 353 \times (B)$
4. 5.	Salix barclayi Ribes triste	10	✓	FAC FAC	UPL Species 0 x 5 = 0
4. 5. 6.	Salix barclayi Ribes triste	10 3 0	✓	FAC FAC	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B)
4. 5. 6. 7.	Salix barclayi Ribes triste	10 3 0 0	✓	FAC FAC	UPL Species $0 \times 5 = 0$ Column Totals: $115 \times (A) \times 353 \times (B)$ Prevalence Index = B/A = 3.070
4. 5. 6. 7. 8.	Salix barclayi Ribes triste	10 3 0 0	✓	FAC FAC	UPL Species $0 \times 5 = 0$ Column Totals: $115 \times (A) \times 353 \times (B)$ Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators:
4. 5. 6. 7. 8. 9.	Salix barclayi Ribes triste Total Cove	10 3 0 0 0 0 0		FAC FAC	UPL Species 0 $x = 0$ Column Totals: 115 A 353 B Prevalence Index = 115 A 353 B Hydrophytic Vegetation Indicators: Dominance Test is 115 Dominance Te
4. 5. 6. 7. 8. 9. 10.	Salix barclayi Ribes triste Total Covererb Stratum Total Cover:	10 3 0 0 0 0 0 0 43 21.5 209	✓ ✓ □ □ □	FAC FAC FAC FAC	UPL Species 0 $x = 0$ Column Totals: 115 A 353 B Prevalence Index = 115 A 353 B Hydrophytic Vegetation Indicators: Dominance Test is 115 Dominance Te
4. 5. 6. 7. 8. 9. 10.	Salix barclayi Ribes triste Total Covererb Stratum Calamagrostis canadensis	10 3 0 0 0 0 0 0 0 21.5 20%	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC FAC FAC FAC FAC	UPL Species $0 \times 5 = 0$ Column Totals: $115 \times (A) \times 353 \times (B)$ Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation 1 (Explain)
4. 5. 6. 7. 8. 9. 10. He	Salix barclayi Ribes triste Total Coverserb Stratum Calamagrostis canadensis Equisetum arvense	10 3 0 0 0 0 0 0 43 21.5 209	✓ ✓ □ □ □	FAC FAC FAC FAC FAC FAC FAC	UPL Species 0 $x = 0$ Column Totals: 115 A 353 B Prevalence Index = 0 3.070 Hydrophytic Vegetation Indicators: Dominance Test is > 50% Prevalence Index is 0 0 0 Prevalence Index is 0 0 0 Morphological Adaptations 0 (Provide supporting data in Remarks or on a separate sheet)
4. 5. 6. 7. 8. 9. 10. He	Salix barclayi Ribes triste Total Cove 50% of Total Cover: Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris	10 3 0 0 0 0 0 43 21.5 209	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC FAC FAC FAC FAC FAC FAC	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation 1 (Explain) 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4. 5. 6. 7. 8. 9. 10. He 1. 2. 3. 4.	Salix barclayi Ribes triste Total Cove 50% of Total Cover: Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris Thalictrum sparsiflorum	10 3 0 0 0 0 0 0 43 21.5 209 3 3 3 2	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC FAC FAC FAC FAC FAC	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m
4. 5. 6. 7. 8. 9. 10. He	Salix barclayi Ribes triste Total Coverserb Stratum Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris Thalictrum sparsiflorum Trientalis europaea	10 3 0 0 0 0 0 0 21.5 209 3 3 3 2 1	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC 8.6 FAC FAC FACU FACU	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation 1 (Explain) 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes
4. 5. 6. 7. 8. 9. 10. He 1. 2. 3. 4. 5.	Salix barclayi Ribes triste Total Cover 50% of Total Cover: Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris Thalictrum sparsiflorum Trientalis europaea Heracleum maximum	10 3 0 0 0 0 0 0 21.5 20% 3 3 3 2 1 1	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC 8.6 FAC FAC FACU FACU FACU	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable)
4.5.6.6.7.8.9.10	Salix barclayi Ribes triste Total Cover 50% of Total Cover: Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris Thalictrum sparsiflorum Trientalis europaea Heracleum maximum Galium triflorum	10 3 0 0 0 0 43 21.5 20% 3 3 3 2	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC 8.6 FAC FAC FACU FACU FACU FACU	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ☐ Prevalence Index is ≤ 3.0 ☐ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable) % Bare Ground 85
4. 5. 6. 7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7.	Salix barclayi Ribes triste Total Coverserb Stratum Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris Thalictrum sparsiflorum Trientalis europaea Heracleum maximum Galium triflorum Mertensia paniculata	10 3 0 0 0 0 43 21.5 20% 3 3 3 2	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC 8.6 FAC FAC FAC FACU FACU FACU FACU FACU	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ☐ Prevalence Index is ≤ 3.0 ☐ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable) % Bare Ground 85
4. 5. 6. 7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7. 8.	Salix barclayi Ribes triste Total Cove 50% of Total Cover: Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris Thalictrum sparsiflorum Trientalis europaea Heracleum maximum Galium triflorum Mertensia paniculata Matteuccia struthiopteris	10 3 0 0 0 0 43 21.5 20% 3 3 3 2	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC FAC FAC FAC FACU FACU FACU FACU	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ☐ Prevalence Index is ≤ 3.0 ☐ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable) % Bare Ground 85
4. 5. 6. 7. 8. 9. 10. 1. 2. 3. 4. 5. 6. 7. 8. 9. 9.	Salix barclayi Ribes triste Total Cove 50% of Total Cover: Calamagrostis canadensis Equisetum arvense Gymnocarpium dryopteris Thalictrum sparsiflorum Trientalis europaea Heracleum maximum Galium triflorum Mertensia paniculata Matteuccia struthiopteris	10 3 0 0 0 0 0 43 21.5 209 3 3 2 1 1 1 1 1 1	✓ ✓ □ □ □ □ • • • • • • • • • • • • • •	FAC FAC FAC FAC FACU FACU FACU FACU FACU	UPL Species 0 x 5 = 0 Column Totals: 115 (A) 353 (B) Prevalence Index = B/A = 3.070 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable) % Bare Ground 85 Total Cover of Bryophytes 10

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW12_T10_01

Celor (molet) New Year New Color (molet) New Type New Year New Y	Depth	Matrix		Re	dox Feature	nce of indicato		_	
9-18 SY 3/1 20 Sendy Clay Loam 10% roces, 20% subang gravels 9-18 SY 3/1 20 Send 80% gravels and cotbles (1-4n) 1 Type: C=Concentration. D=Depletion. RM=Reduced Matrix 2 Location: PL=Pore Lining. RC=Root Channel. M=Matrix Hydric Soil Indicators: 1 Indicators for Problematic Hydric Soils 3 Alaska Gleyed Without Hue SY or Redder Underlying Layer 1 Historol or Histed (A1) Alaska Cley Change (TA5) Alaska Cley Change (TA5) 1 Histor Explecion (A7) Alaska Redox With 2.57 Hue Other (Explain in Remarks) 1 Thick Dark Stark Car(12) 2 Alaska Gleyed (A13) 3 One indicator of hydrolytic vegetation, one primary indicator of wetland hydrology, and an appropriate learning and appropriate learning and an appropriate learning and appropriate learning and appropriate learning and appropriate learning and appropriat	,, i ,	oist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
9-18 SY 3/1 20 Send R0% graves and cotales (1-fer) 1 Type: 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 Alaska Clayed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Redox With 2-SY Hue Other (Explain in Remarks) Alaska Cleyed Without Hue SY or Redder Underlying Layer Underlying Layer (1 Present) Alaska Redox With 2-SY Hue Other (Explain in Remarks) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlying Layer (1 Present) Alaska Cleyed Without Hue SY or Redder Underlyi	0-6 5Y	3/1	80					Loamy Sand	20% roots
**Type: C=Concentration. D=Depletion. RM=Reduced Matrix **Location: PL=Fore Lining, RC=Root Channel. M=Matrix ** **Hydric Soil Indicators:	6-9 2.5Y	2.5/1	70					Sandy Clay Loam	10% roots, 20% subang gravels
Type: C=Concentration. D=Depletion. RM=Reduced Metrix **Location: PL=Pore Lining. RC=Root Channel. M=Matrix **Hydric Soil Indicators:	9-18 5Y	3/1	20					Sand	80% gravels and cobbles (1-4in)
Hydric Soil Indicators: Histosol or Histel (A1)									,
Hydric Soil Indicators: Histosoi or Histel (A1)									-
Hydric Soil Indicators: Histosol or Histel (A1)									-
Hydric Soil Indicators: Histosol or Histel (A1)									
Hydric Soil Indicators: Histosol or Histel (A1)									
Histosol or Histel (A1)	Type: C=Concentration. D=	=Depletion.				_		annel. M=Matrix	
Histic Epipedon (A2)	lydric Soil Indicators:]	_	4	4	: .	7	
Hydrogen Sulfide (A4)	Histosol or Histel (A1)		L	_					lue 5Y or Redder
Thick Dark Surface (A12) Alaska Gleyed (A13) Alaska Gleyed (Parage (A15) Alaska Gleyed Pores (A15) Alaska Gleyed (A13) Alaska Gleyed Pores (A15) Alaska Gleyed Pores (A15) Alaska Gleyed (A13) Alaska Gleyed (A15) Alaska Gleyed (A15)	Histic Epipedon (A2)		L		,			, , ,	1.3
Alaska Gieyed (A13) Alaska Redox (A14) Alaska Redox (A14) Alaska Redox (A15) Alaska Redox (A15) Alaska Redox (A15) Alaska Redox (A15) *Give details of color change in Remarks *Remarks *Remarks: *O hydric soil indicators *Primary Indicators *Primary Indicators (two or more are required) - Depth (inches): *Primary Indicators (any one is sufficient) - Grain Alaska (B1) - High Water Table (A2) - Saturation (A3) - Wettand Hydrology Saturation (A3) - Wettand (B1) - Water (B1) - W	_ ′ ´ ` ` ` ′		L	Alaska Redox	With 2.5Y Hu	ie		Other (Explain in Remar	KS)
Alaska Redox (A14) Alaska Redox (A15) Alaska Gleyed Pores (A15) Restrictive Layer (if present): Type: Depth (inches): Remarks: Remarks: Hydric Soil Present? Yes No No No No No No No No	_ ` `)		3 One indicator o	f hydronhytic	vegetation	one nrin	nary indicator of wetland	hydrology
Alaska Gleyed Pores (A15) 4 Give details of color change in Remarks testrictive Layer (if present):	_								ryurology,
Assard disyet Protes (ALS) Restrictive Layer (if present): Type: Depth (inches): Remarks: O hydric soil indicators Hydric Soil Present? Yes	_ ` ` `	->		4 Give details of o	color change i	in Remarks			
Type: Depth (inches): ### Apric Soil Present? Yes No **									
POROLOGY Vetand Hydrology Indicators: Secondary Indicators (two or more are required) Primary Indicators (any one is sufficient) Surface Water (A1) Inundation Visible on Aerial Imagery (B7) Sufface Water Table (A2) Sparsely Vegetated Concave Surface (B8) Sutrated (A1) Water Table (A2) Sparsely Vegetated Concave Surface (B8) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soll Cracks (B6) Iron Deposits (B6) Surface Soll Cracks (B6) Water Table (Pach Crust (B4) Depth (inches): Surface Soll Cracks (B6) Surface Soll C	, , , ,								0 0
Application Company	* *							Hydric Soil Present	:? Yes ○ No ●
WPROLOGY Wetland Hydrology Indicators: Water Stained Leaves (B9) Surface Water (A1) High Water Table (A2) Sparsely Vegetated Concave Surface (B8) Sutration (A3) Marl Deposits (B15) Sediment Deposits (B2) Dry-Season Water Table (C2) Stunted or Stressed Plants (D1) Dry-Season Water Table (C2) Stunted or Stressed Plants (D1) Weter (Explain in Remarks) Sediment Deposits (B3) Dry-Season Water Table (C2) Shallow Aquitard (D3) Surface Water Present? Water Stained Leaves (B9) Dryinage Patterns (B10) 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) FAC-neutral Test (D5) Feld Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Popth (inches):	Depart (meries):								
Wetland Hydrology Indicators: Secondary Indicators (two or more are required)									
Primary Indicators (any one is sufficient) Surface Water (A1) High Water Table (A2) Sparsely Vegetated Concave Surface (B8) Oxidized Rhizospheres along Living Roots (C3) Saturation (A3) Marl Deposits (B15) Sediment Deposits (B2) Dry-Season Water Table (C2) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Surface Soil Cracks (B6) Surface Soil Cracks (B6) FAC-neutral Test (D5) Saturation Present? Yes No Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Water Stained Leaves (B9) Water Stained Leaves (B9) Drainage Patterns (B10) Dxidized Rhizospheres along Living Roots (C3) Squade Rhizospheres along Living Roots (C3) Squade Rhizospheres along Living Roots (C3) Dxidized Rhizospheres along Living Roots (C3) Dxidiced Rhizospheres along Living Roots (C3)									
Surface Water (A1)	 YDROLOGY								
High Water Table (A2)		ators:						_Secondary Ind	icators (two or more are required)
Saturation (A3)	Vetland Hydrology Indica)						
Water Marks (B1)	Vetland Hydrology Indica Primary Indicators (any one)	☐ Inundation \	Visible on Aer	ial Imagery ((B7)	Water Sta	ined Leaves (B9)
Sediment Deposits (B2)	Vetland Hydrology Indica Primary Indicators (any one Surface Water (A1) High Water Table (A2))					Water Sta Drainage	ined Leaves (B9) Patterns (B10)
✓ Drift Deposits (B3) ☐ Other (Explain in Remarks) ☐ Geomorphic Position (D2) ☐ Algal Mat or Crust (B4) ☐ Shallow Aquitard (D3) ☐ Iron Deposits (B5) ☐ Microtopographic Relief (D4) ☐ Surface Soil Cracks (B6) ☐ FAC-neutral Test (D5) **Bufface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Depth (includes capillary fringe) Wetland Hydrology Present? Yes No Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3))	Sparsely Ve	getated Conca			Water Sta Drainage Oxidized F	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4)
Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Surface Soil Cracks (B6) ☐ Surface Soil Cracks (B6) ☐ FAC-neutral Test (D5) ☐ Surface Water Present? Surface Water Present? Wetland Hydrology Present? Yes ○ No ② Depth (inches): Saturation Present? Yes ○ No ② Depth (inches): Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Remarks:	Vetland Hydrology Indicators (any one Primary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)			Sparsely Ve	getated Conca ts (B15)	ave Surface (Water Sta Drainage Oxidized F Presence Salt Depo	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5)
☐ Iron Deposits (B5) ☐ Microtopographic Relief (D4) ☐ Surface Soil Cracks (B6) ☐ FAC-neutral Test (D5) ☐ FAC-neutral Test (D5	Primary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2)			Sparsely Ve	getated Conca ts (B15) ulfide Odor (C Water Table)	ave Surface (C1)		Water Sta Drainage Oxidized F Presence Salt Depo Stunted o	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1)
Surface Soil Cracks (B6)	Primary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Prift Deposits (B3)			Sparsely Ve	getated Conca ts (B15) ulfide Odor (C Water Table)	ave Surface (C1)		Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2)
Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Sescribe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Remarks:	Primary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Prift Deposits (B3) Algal Mat or Crust (B4)			Sparsely Ve	getated Conca ts (B15) ulfide Odor (C Water Table)	ave Surface (C1)		Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3)
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lrift deposits of rafted soil and organics, 1ft above ground surface	Vetland Hydrology Indical Primary Indicators (any one) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) ✓ Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Prescribe Recorded Data (strees)	Yes O Yes O	No • No • No •	Sparsely Ve	getated Conca ts (B15) ulfide Odor (C Water Table I ain in Remark es): es):	ave Surface (C1) (C2) ss)	Wetla	Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A Microtopo	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
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