WETLAND DETERMINATION DATA FORM - Alaska Region

A P .	ct/Site: Susitna-Watana Hydroelectric Project	ь	orougri/City.	Matanusk	a-Susitna Borough Sampling Date: 09-Jul-13
чрриса	ant/Owner: Alaska Energy Authority				Sampling Point: SW13_T123_07
	igator(s): WAD, BAB		Landform (hill	side, terrac	ee, hummocks etc.): Hillside/drainage
	relief (concave, convex, none): concave		Slope:		7 ° Elevation: 101
	gion : Southcentral Alaska		62.752722621		Long.: -149.401902555 Datum: NAD83
		Lat	02.102122021	1	
	ap Unit Name:		- 1/	<u> </u>	NWI classification: PEM1E
	imatic/hydrologic conditions on the site typical for this ti Vegetation \Box , Soil \Box , or Hydrology \Box :				
		• ,	disturbed?		ionnai oii oaniotanooo procont.
Are v	Vegetation ☐ , Soil ☐ , or Hydrology ☐	naturally pr	oblematic?	(If nee	eded, explain any answers in Remarks.)
SUMI	MARY OF FINDINGS - Attach site map show	wing sam	pling point	locations	s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes No C)			
	Hydric Soil Present? Yes No C)			pled Area
	Wetland Hydrology Present? Yes ● No ○)	wi	thin a W	etland? Yes ● No ○
Rem	arks:				
	ETATION - Use scientific names of plants. Li	Absolute	Dominant	Indicator	Dominance Test worksheet: Number of Dominant Species
1.	ee Stratum	% Cover	_Species?_	Status	That are OBL, FACW, or FAC:
2.					Total Number of Dominant
3.					Species Across All Strata: 2 (B)
4.					Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
5.		0			
0.	Total Cover				Prevalence Index worksheet:
Sar	pling/Shrub Stratum 50% of Total Cover:		of Total Cover:	0	Total % Cover of: Multiply by:
	· · · · · · · · · · · · · · · · · · ·				OBL Species <u>43.1</u> x1 = <u>43.1</u> FACW Species 4 x2 = 8
	Salix fuscescens			FACW	
2.		_			
3.		_			FACU Species 0.1 x4 = 0.400 UPL Species 0 x5 = 0
4.					0 2 species 0 x s
5.					Column Totals: <u>52.2</u> (A) <u>66.5</u> (B)
6.		0			Column Totals: <u>52.2</u> (A) <u>66.5</u> (B) Prevalence Index = B/A = <u>1.274</u>
6. 7.					Prevalence Index = B/A =1.274
6. 7. 8.		0 0 0			Prevalence Index = B/A = 1.274 Hydrophytic Vegetation Indicators:
6. 7. 8. 9.		0			Prevalence Index = B/A = 1.274 Hydrophytic Vegetation Indicators: Dominance Test is > 50%
6. 7. 8. 9.	Total Cover	0 0 0 0 0 0	of Total Cover		Prevalence Index = B/A = 1.274 Hydrophytic Vegetation Indicators:
6. 7. 8. 9. 10.	Total Cover rb Stratum 50% of Total Cover:	0 0 0 0 0 0 0 2 1 20%			Prevalence Index = B/A = 1.274 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)
6. 7. 8. 9.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis	0 0 0 0 0 0	of Total Cover	:	Prevalence Index = B/A = 1.274 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)
6. 7. 8. 9. 10. Her 1. 2.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium	0 0 0 0 0 0 0 2 1 20%	✓	OBL	Prevalence Index = B/A = 1.274 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)
6. 7. 8. 9. 10. Her 1.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia Company polyetro	0 0 0 0 0 0 0 2 1 20%	✓	OBL OBL	Prevalence Index = B/A = 1.274 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.
6. 7. 8. 9. 10. Her 1. 2. 3.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia	0 0 0 0 0 0 0 2 1 20%	✓	OBL OBL FAC	Prevalence Index = B/A = 1.274 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
6. 7. 8. 9. 10. Her 1. 2. 3. 4.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia Comarum palustre	0 0 0 0 0 0 0 2 1 20% 25 15 5 3 1	✓	OBL OBL FAC OBL	Prevalence Index = B/A = 1.274 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.
6. 7. 8. 9. 10. Her 1. 2. 3. 4. 5.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia Comarum palustre Swertia perennis	0 0 0 0 0 0 0 2 1 20% 25 15 5 3 1	✓	OBL OBL FAC OBL FACW	Prevalence Index = B/A = 1.274 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) % Cover of Wetland Bryophytes
6. 7. 8. 9. 10. Her 1. 2. 3. 4. 5. 6.	Total Cover stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia Comarum palustre Swertia perennis Carex atrofusca	0 0 0 0 0 0 2 1 20% 25 15 5 3 1 0.1	✓	OBL OBL FAC OBL FACW	Prevalence Index = B/A = 1.274 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) % Cover of Wetland Bryophytes (Where applicable)
6. 7. 8. 9. 10. Hear 1. 2. 3. 4. 5. 6. 7.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia Comarum palustre Swertia perennis Carex atrofusca Bistorta plumosa Trichophorum caespitosum	0 0 0 0 0 0 2 1 20% 25 15 5 3 1 0.1 0.1	✓	OBL OBL FAC OBL FACW FACW	Prevalence Index = B/A = 1.274 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) % Cover of Wetland Bryophytes (Where applicable) % Bare Ground
6. 7. 8. 9. 10. Hell 1. 2. 3. 4. 5. 6. 7. 8.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia Comarum palustre Swertia perennis Carex atrofusca Bistorta plumosa Trichophorum caespitosum	0 0 0 0 0 0 2 1 20% 25 15 5 3 1 0.1 0.1 0	✓	OBL OBL FAC OBL FACW FACW	Prevalence Index = B/A = 1.274 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) % Cover of Wetland Bryophytes (Where applicable) % Bare Ground Total Cover of Bryophytes 2 Hydrophytic
6. 7. 8. 9. 10. Hear 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Cover rb Stratum 50% of Total Cover: Carex aquatilis Eriophorum angustifolium Rhodiola integrifolia Comarum palustre Swertia perennis Carex atrofusca Bistorta plumosa Trichophorum caespitosum	0 0 0 0 0 0 2 1 20% 25 15 5 3 1 0.1 0.1 0 0		OBL OBL FAC OBL FACW FACW OBL	Prevalence Index = B/A = 1.274 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) % Cover of Wetland Bryophytes (Where applicable) % Bare Ground Total Cover of Bryophytes

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SOIL Sampling Point: SW13_T123_07

Depth ————	Matrix	— —		dox Featu		2		Parraula.
(inches) Color (n	oist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	<u>Loc</u> ²	Texture Fibric Organics	Remarks
0-1		— –						
1-12							Hemic Organics	
								-
Type: C=Concentration.)=Depletion.	RM=Reduce	d Matrix ² Locatio	n: PL=Pore	Lining. RC	=Root Cha	nnel. M=Matrix	
Hydric Soil Indicators:			Indicators for P	roblematic	Hydric So	oils:		
Histosol or Histel (A1)			Alaska Color C		4		Alaska Gleyed Without H	ue 5Y or Redder
Histic Epipedon (A2)			Alaska Alpine	swales (TA5)		Underlying Layer	
Hydrogen Sulfide (A4)			Alaska Redox	With 2.5Y H	ue		Other (Explain in Remark	s)
Thick Dark Surface (A1	2)		_					
Alaska Gleyed (A13)			³ One indicator o and an appropria				nary indicator of wetland h	ydrology,
Alaska Redox (A14)				·		•		
Alaska Gleyed Pores (A	15)		⁴ Give details of o	color change	in Remark	S		
estrictive Layer (if present	ı:							_
Type:							Hydric Soil Present	? Yes 💿 No 🔾
Type: seasonal frost								
Depth (inches): 12 emarks:								
Depth (inches): 12								
Depth (inches): 12 emarks: YDROLOGY								
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indi								cators (two or more are required)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indie							Water Stair	ned Leaves (B9)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indie Primary Indicators (any on Surface Water (A1)	e is sufficient)		Inundation				Water Stai	ned Leaves (B9) atterns (B10)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indie Primary Indicators (any on Surface Water (A1) High Water Table (A2)	e is sufficient)		Sparsely Ve	getated Con			☐ Water Stair☐ Drainage P☐ Oxidized R	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indie Primary Indicators (any on Surface Water (A1) High Water Table (A2) Saturation (A3)	e is sufficient)		Sparsely Ve	getated Cond ts (B15)	cave Surfac		Water Stain Drainage F Oxidized R Presence o	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) f Reduced Iron (C4)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indi Primary Indicators (any on Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	e is sufficient)		Sparsely Ve	getated Con ts (B15) ulfide Odor (cave Surfac		Water Stail Drainage P Oxidized R Presence o Salt Depos	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) f Reduced Iron (C4) its (C5)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indi Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	e is sufficient)		Sparsely Ve	getated Con ts (B15) ulfide Odor (Water Table	cave Surfac		Water Stail Drainage P Oxidized R Presence o Salt Depos Stunted or	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) f Reduced Iron (C4) its (C5) Stressed Plants (D1)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indi Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B3)	e is sufficient)		Sparsely Ve	getated Con ts (B15) ulfide Odor (cave Surfac			ned Leaves (B9) Patterns (B10) Patterns (B10) Patterns (B10) Patterns (C3) Patterns (C4) Patterns (C5) Patterns (C1) Patterns (C
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indie Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	e is sufficient)		Sparsely Ve	getated Con ts (B15) ulfide Odor (Water Table	cave Surfac		Water Stair Drainage P Oxidized R Presence o Salt Depos Stunted or ✓ Geomorphi Shallow Ag	ned Leaves (B9) Patterns (B10) Phizospheres along Living Roots (C3) If Reduced Iron (C4) Patterns (C5) Stressed Plants (D1) Proposition (D2) Streid (D3)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indi Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B3)	e is sufficient)		Sparsely Ve	getated Con ts (B15) ulfide Odor (Water Table	cave Surfac		Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ✔ Geomorphi ✔ Shallow Ad □ Microtopog	ned Leaves (B9) Patterns (B10) Phizospheres along Living Roots (C3) If Reduced Iron (C4) Patterns (C5) Stressed Plants (D1) Patterns (D2) Patterns (D3) Patterns (D4) Patterns (D4) Patterns (B10) Patter
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indie Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	e is sufficient)		Sparsely Ve	getated Con ts (B15) ulfide Odor (Water Table	cave Surfac		Water Stair Drainage P Oxidized R Presence o Salt Depos Stunted or ✓ Geomorphi Shallow Ag	ned Leaves (B9) Patterns (B10) Phizospheres along Living Roots (C3) If Reduced Iron (C4) Patterns (C5) Stressed Plants (D1) Patterns (D2) Patterns (D3) Patterns (D4) Patterns (D4) Patterns (B10) Patter
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indio Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B	e is sufficient)	No O	Sparsely Ve	getated Con ts (B15) ulfide Odor (Water Table ain in Remar	cave Surfac		Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ✔ Geomorphi ✔ Shallow Ad □ Microtopog	ned Leaves (B9) Patterns (B10) Phizospheres along Living Roots (C3) If Reduced Iron (C4) Patterns (C5) Stressed Plants (D1) Patterns (D2) Patterns (D3) Patterns (D4) Patterns (D4) Patterns (B10) Patter
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indie Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Algal Mat or Crust (B4 Iron Deposits (B5) Surface Soil Cracks (B Field Observations: Surface Water Present?	e is sufficient)) Yes Yes	No O	Sparsely Ve	getated Contest (B15) ulfide Odor (Water Table ain in Reman	cave Surfac	e (B8)	Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ☑ Geomorphi ☑ Shallow Aq □ Microtopog ☑ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) of Reduced Iron (C4) hits (C5) Stressed Plants (D1) hit Position (D2) hitard (D3) hitard (D3) hitard (D4) hitard (D5)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indi Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Algal Mat or Crust (B4 Iron Deposits (B5) Surface Soil Cracks (B Field Observations:	e is sufficient) Yes Yes Yes	No ○ No ○	Sparsely Very Marl Deposi Hydrogen Si Dry-Season Other (Explain Depth (inched)	getated Contest (B15) ulfide Odor (Water Table ain in Reman es): 2 es): 2	cave Surfac	e (B8)	Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ✔ Geomorphi ✔ Shallow Ad □ Microtopog	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) of Reduced Iron (C4) hits (C5) Stressed Plants (D1) hit Position (D2) hitard (D3) higher Relief (D4) higher Test (D5)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indio Primary Indicators (any on ✓ Surface Water (A1) ✓ High Water Table (A2) ✓ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B5) Surface Soil Cracks (B5) Surface Water Present? Water Table Present?	e is sufficient) Yes Yes Yes	No O	Sparsely Ve	getated Contest (B15) ulfide Odor (Water Table ain in Reman es): 2 es): 2	cave Surfac	e (B8)	Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ☑ Geomorphi ☑ Shallow Aq □ Microtopog ☑ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) of Reduced Iron (C4) hits (C5) Stressed Plants (D1) hit Position (D2) hitard (D3) hitard (D3) hitard (D4) hitard (D5)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indio Primary Indicators (any on ✓ 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 ield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes • Yes • Yes •	No O No O No O	Sparsely Veg Marl Deposi Hydrogen Si Dry-Season Other (Explain) Depth (inch Depth (inch	getated Conts (B15) ulfide Odor (Water Table ain in Reman es): 2 es): 2 es): 0	cave Surfac (C1) e (C2) ks)	Wetlan	Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ☑ Geomorphi ☑ Shallow Aq □ Microtopog ☑ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) of Reduced Iron (C4) hits (C5) Stressed Plants (D1) hit Position (D2) hitard (D3) hitard (D3) hitard (D4) hitard (D5)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indi Primary Indicators (any on ✓ 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 (Biield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (st	Yes • Yes • Yes •	No O No O No O	Sparsely Veg Marl Deposi Hydrogen Si Dry-Season Other (Explain) Depth (inch Depth (inch	getated Conts (B15) ulfide Odor (Water Table ain in Reman es): 2 es): 2 es): 0	cave Surfac (C1) e (C2) ks)	Wetlan	Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ☑ Geomorphi ☑ Shallow Aq □ Microtopog ☑ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) of Reduced Iron (C4) hits (C5) Stressed Plants (D1) hit Position (D2) hitard (D3) hitard (D3) hitard (D4) hitard (D5)
Depth (inches): 12 emarks: YDROLOGY Vetland Hydrology Indio Primary Indicators (any on ✓ 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) Surface Soil Cracks (B) ield Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes • Yes • Yes •	No O No O No O	Sparsely Veg Marl Deposi Hydrogen Si Dry-Season Other (Explain) Depth (inch Depth (inch	getated Conts (B15) ulfide Odor (Water Table ain in Reman es): 2 es): 2 es): 0	cave Surfac (C1) e (C2) ks)	Wetlan	Water Stain □ Drainage P □ Oxidized R □ Presence o □ Salt Depos □ Stunted or ☑ Geomorphi ☑ Shallow Aq □ Microtopog ☑ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) of Reduced Iron (C4) hits (C5) Stressed Plants (D1) hit Position (D2) hitard (D3) hitard (D3) hitard (D4) hitard (D5)

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