## WETLAND DETERMINATION DATA FORM - Alaska Region

Project	/Site: Susitna-Watana Hydroelectric Project		Borough/C	City:	Matanusk	a-Susitna Borough Sampling Date:22-Aug-15
Applica	nt/Owner: Alaska Energy Authority					Sampling Point: SW15_T207_06
	gator(s): SLI, ATH		Landforn	n (hills	ide, terrac	e, hummocks etc.): Terrace
-	elief (concave, convex, none): concave				% / 0.0	
	ion : Interior Alaska Mountains	Lat				Long.: Datum: WGS84
_		Lui				
	p Unit Name:			- G	No O	NWI classification: PEM1E
Are V	natic/hydrologic conditions on the site typical for this egetation , Soil , or Hydrology egetation , Soil , or Hydrology , soil , or Hydrology	significa naturall	antly disturbe	ed? ic?	Are "N (If nee	(If no, explain in Remarks.)  ormal Circumstances" present? Yes ● No ○  ded, explain any answers in Remarks.)  s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes   No	$\bigcirc$		_	_	
	Hydric Soil Present? Yes ● No	$\circ$				pled Area
	Wetland Hydrology Present? Yes   No	0		wit	hin a W	etland? Yes ◉ No ○
Rema						
Tree	TATION - Use scientific names of plants.	Absol	ute Domin	nant i	lot. Indicator Status	Dominance Test worksheet:  Number of Dominant Species That are OBL, FACW, or FAC: 5 (A)
1.		0	<u>'</u>	_		Total Number of Dominant
2.			<u> </u>	_		Species Across All Strata:5(B)
3.			0 _			Percent of dominant Species
4.			0 _	_		That Are OBL, FACW, or FAC: 100.0% (A/B)
5.			0	_		Prevalence Index worksheet:
	Total Cove		)	•		Total % Cover of: Multiply by:
Sapl	ling/Shrub Stratum 50% of Total Cover:	02	20% of Total C	Lover:	0	OBL Species <u>48.1</u> x 1 = <u>48.1</u>
1.	Betula nana		7	/	FAC	FACW Species 1 x 2 = 2
2.	Vaccinium uliginosum		3	<u> </u>	FAC	FAC Species <u>15</u> x 3 = <u>45</u>
3.	Andromeda polifolia(IAM)		2	_	OBL	FACU Species 0 x 4 = 0
	Vaccinium oxycoccos		<u>.1</u>	_	OBL	UPL Species0 x 5 =0
5.		(	0	_		Column Totals: <u>64.1</u> (A) <u>95.1</u> (B)
6.			0	_		Prevalence Index = B/A =1.484_
7.			0	_		
8.			<u> </u>	_		Hydrophytic Vegetation Indicators:
9.			<u>0                                    </u>			✓ Dominance Test is > 50%
10.	Total Cove		0	_		✓ Prevalence Index is ≤3.0
-	<b>50%</b> of Total Cover:		20% of Total	_	2.42	Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet)
	Carex aquatilis		10		OBL	Problematic Hydrophytic Vegetation (Explain)
2.	Eriophorum angustifolium		10		OBL	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
3.	Carex rotundata		10	<u>/</u> ]	OBL	be present, unless disturbed or problematic.
4.	Carava Missas		5 5	_	FAC	Plot size (radius, or length x width)
5.	Carex loliacea Carex echinata		5	_	OBL OBL	% Cover of Wetland Bryophytes
6.	O		5	_	OBL	(Where applicable)
7. 8.	Onne Bide		<u> </u>	า้	OBL	% Bare Ground25
9.	Eriophorum russeolum		1 -	-	FACW	Total Cover of Bryophytes
10.			0	ā		Uzdvankodia
10.	Total Cove	 er: 5	2	_		Hydrophytic Vegetation
	50% of Total Cover:		20% of Total C	Cover:	10.4	Present? Yes   No
Dom	arks: Caray on 10/ Pryonhytos anharms Char				macks T	raco Dodiculario Dubeba Agresa Dava susuad induda -
Rema	-					ace Pedicularis, Rubcha, Agrsca. Bare ground includes

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SOIL Sampling Point: SW15\_T207\_06

Color (moist)   Secondary   Technical   Secondary   Technical	Depth	Matrix		Re	edox Featu			-	
2-20 20-21    Morely Peet   Booder   refused		moist)	<u>%</u>	Color (moist)	<u>%</u>	Type <sup>1</sup>	Loc 2	Texture	Remarks
Type: C-Concentration. D=Depletion. RM=Reduced Matrix   Location: PL=Pore Lining, RC=Root Channel. M=Matrix									- F
Type: C=Concentration. D=Depletion. RM=Reduced Matrix 2 Location: PL=Pore Lining, RC=Root Channel. M=Matrix  Hydric Soil Indicators:    Historol or histel (A1)	2-20							Mucky Peat	
Hydric Soil Indicators:    Histosol or Histel (A1)	20-21				_			Boulder	refusal
Hydric Soil Indicators:    Histosol or Histel (A1)									
Hydric Soil Indicators:    Histosol or Histel (A1)									
Hydric Soil Indicators:    Histosol or Histel (A1)									
Hydric Soil Indicators:    Histosol or Histel (A1)									
Hydric Soil Indicators:    Histosol or Histel (A1)									-
Hydric Soil Indicators:    Histosol or Histel (A1)	1 Type: C-Concentration	D-Depletion		cod Matrix 2 Locatio	n: DI – Dore	a Lining DC	`-Poot Cha	uppel M-Matrix	-
Histosol or Histel (A1)   Alaska Color Change (TA4)   Alaska Redox With 2.57 Hue   Other (Explain in Remarks)   Thick Dark Surface (A12)   Alaska Gleyed (A13)   Alaska Gleyed (A13)   Alaska Gleyed (A13)   Alaska Gleyed (A15)   Alaska Gleyed (A15)   Alaska Gleyed Pores (A15)   Alaska Gleyed (A13)   Alaska Gleyed (A15)   Alaska Gley		D-Depletioi	i. KM=Reduc					illilei. M-Mauix	
Histic Epipedon (AZ)						4	DIIS:	]	. EV D
Inst. Epipeoni (2)	`					-			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 (A13)  Alaska Gleyed (A13)  Alaska Gleyed (A15)  Alaska Gleyed (A15)					•	•		, , ,	ke)
Alaska Gieyed (A13) Alaska Redox (A14) Alaska Redox (A14) Alaska Redox (A15) Alaska Redox (A16) Alaska Redox (A17) Alaska Redox (A17) Alaska Redox (A18) Alaska Redox (A18) Alaska Redox (A19) Alaska Redox (A14) Alaska Redox (A14) Alaska Redox (A16) Alaska Redox (A17) Alaska Redox (A17) Alaska Redox (A18) Alaska Redox	_ ′ ້ ` ` `			☐ AldSKd RedUX	WIUI Z.51 F	iue		outer (Explain in Kemai	
Alaska Redyck (N.1.5) Alaska Gleyed Pores (A.1.5)  Restrictive Layer (if present): Fype: Depth (Inches):  Remarks:    Hydric Soil Present? Yes  No	_ `	12)		<sup>3</sup> One indicator o	f hydrophyt	ic vegetatio	n, one prin	nary indicator of wetland I	nydrology,
Alaska Gleyed Pores (A15)  *Give details of color change in Remarks  Restrictive Layer (if present): Type: Depth (inches):  *Remarks:  **BYDROLOGY  **Wetland Hydrology Indicators: Primary Indicators (any one is sufficient)  **Yes one is sufficient)  **	_								7
Restrictive Layer (if present): Type: Depth (inches):  Remarks:    Hydric Soil Present? Yes  No  No  No  No  No  No  No  No  No  N	_ ` ′	A15)		4 Give details of	color change	e in Remark	S		
Type: Depth (inches):    No Depth (inches):   Present?   Present?		-							
PDROLOGY  Vettand Hydrology Indicators:  Secondary Indicators (two or more are required)  Primary Indicators (any one is sufficient)  Sufface Water (A1)  High Water Table (A2)  Sparsely Vegetated Concave Surface (B8)  Sutrated Nation (A3)  Marl Deposits (B15)  Mater Marks (B1)  Hydrogen Sulfide Odor (C1)  Salt Deposits (B2)  Drift Deposits (B2)  Drift Deposits (B2)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Water Present?  Ves No  Depth (inches): 1  Water Table Present?  Yes No  Depth (inches): 0  Wetland Hydrology Present?  Yes No  No  Depth (inches): 0  Wetland Hydrology Present?  Yes No  Depth (inches): 0  Wetland Hydrology Present?  Yes No  No  Depth (inches): 0		t):							
WDROLOGY  Vetland Hydrology Indicators:    Secondary Indicators (two or more are required)	Ivna							Hydric Soil Present	:? Yes ♥ No ∪
IVDROLOGY   Wetland Hydrology Indicators:   Secondary Indicators (two or more are required)   Water Stained Leaves (B9)   Water Stained Leaves (B9)   Drainage Patterns (B10)   Drainage Patterns (B10)   Water Table (A2)   Sparsely Vegetated Concave Surface (B8)   Oxidized Rhizospheres along Living Roots (C3)   Water Marks (B1)   Presence of Reduced Iron (C4)   Water Marks (B1)   Presence of Reduced Iron (C4)   Water Marks (B1)   Presence of Reduced Iron (C4)   Water Marks (B1)   Dry-Season Water Table (C2)   Stunted or Stressed Plants (D1)   Drift Deposits (B3)   Other (Explain in Remarks)   Geomorphic Position (D2)   Algal Mat or Crust (B4)   Shallow Aquitard (D3)   Wiron Deposits (B5)   Microtopographic Relief (D4)   Surface Soil Cracks (B6)   Wetland Hydrology Present? Yes No Depth (inches): 1   No Depth (inches): 1   No Depth (inches): 0   No Depth (inches	* *								
Wetland Hydrology Indicators:  Primary Indicators (any one is sufficient)  ✓ Surface Water (A1)  ✓ High Water Table (A2)  ✓ Saturation (A3)  ✓ Water Marks (B1)  ✓ Drift Deposits (B3)  ✓ Iron Deposits (B5)  ✓ Iron Deposits (B5)  ✓ Surface Soil Cracks (B6)  ✓ Surface Water Present?  ✓ Presence Of Reduced Iron (C4)  ✓ Sturtation (A3)  ✓ Depth (inches): 0  ✓ Saturation Present?  ✓ Yes ✓ No ✓ Depth (inches): 0  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Depth (inches):								
Primary Indicators (any one is sufficient)    Value	Depth (inches):								
W Surface Water (A1)	Depth (inches):								
✓ High Water Table (A2)       Sparsely Vegetated Concave Surface (B8)       Oxidized Rhizospheres along Living Roots (C3)         ✓ Saturation (A3)       Marl Deposits (B15)       Presence of Reduced Iron (C4)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Salt Deposits (C5)         Sediment Deposits (B2)       Dry-Season Water Table (C2)       Stunted or Stressed Plants (D1)         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)         Field Observations:         Surface Water Present?       Yes No Depth (inches): 1         Water Table Present?       Yes No Depth (inches): 0         Vescribe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Depth (inches): Lemarks:	icators:						_Secondary Indi	icators (two or more are required)
✓ Saturation (A3)        Marl Deposits (B15)        Presence of Reduced Iron (C4)          Water Marks (B1)        Hydrogen Sulfide Odor (C1)        Salt Deposits (C5)          Sediment Deposits (B2)        Dry-Season Water Table (C2)        Stunted or Stressed Plants (D1)          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)         Field Observations:         Surface Water Present?       Yes No Depth (inches): 1         Water Table Present?       Yes No Depth (inches): 0         Wetland Hydrology Present? Yes No Depth (inches): 0         Depth (inches): 0	Depth (inches):  Jemarks:  JYDROLOGY  Wetland Hydrology Inc		ıt)						
Water Marks (B1)	Depth (inches):  Demarks:  IYDROLOGY  Vetland Hydrology Inc  Primary Indicators (any control of the control of		ıt)	Inundation	Visible on A	erial Image	ry (B7)	Water Sta	ined Leaves (B9)
□ Sediment Deposits (B2) □ Dry-Season Water Table (C2) □ Stunted or Stressed Plants (D1) □ Drift Deposits (B3) □ Other (Explain in Remarks) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ Shallow Aquitard (D3) □ Microtopographic Relief (D4) □ Surface Soil Cracks (B6) □ FAC-neutral Test (D5) □ Surface Water Present? Yes ○ No ○ Depth (inches): 1 Water Table Present? Yes ○ No ○ Depth (inches): 0 □ Wetland Hydrology Present? Yes ○ No ○ Depth (includes capillary fringe) Present? Yes ○ No ○ Depth (inches): 0 □ Depth (inc	Depth (inches):  Depth	ne is sufficier	nt)					Water Sta	ined Leaves (B9) Patterns (B10)
□ Drift Deposits (B3) □ Other (Explain in Remarks) □ Geomorphic Position (D2) □ Algal Mat or Crust (B4) □ Shallow Aquitard (D3) □ Microtopographic Relief (D4) □ Surface Soil Cracks (B6) □ FAC-neutral Test (D5)  Field Observations:  Surface Water Present? Yes ○ No ○ Depth (inches): 1  Water Table Present? Yes ○ No ○ Depth (inches): 0  Saturation Present? Yes ○ No ○ Depth (inches): 0  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Depth (inches):  Demarks:  YDROLOGY  Vetland Hydrology Inc  Primary Indicators (any of  Surface Water (A1)  High Water Table (A  Saturation (A3)	ne is sufficier	nt)	Sparsely Ve	getated Con			Water Sta Drainage I Oxidized R	ined Leaves (B9) Patterns (B10) thizospheres 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? Yes ● No ○ Depth (inches): 1  Water Table Present? Yes ● No ○ Depth (inches): 0  Saturation Present? Yes ● No ○ Depth (inches): 0  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Depth (inches):  Demarks:  YDROLOGY  Vetland Hydrology Inc  Primary Indicators (any of  Surface Water (A1)  High Water Table (A  Saturation (A3)	ne is sufficier	nt)	Sparsely Ve	getated Con ts (B15)	ncave Surfac		Water Sta Drainage I Oxidized R	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4)
Iron Deposits (B5)	Depth (inches):  Demarks:  YDROLOGY  Vetland Hydrology Inc  Primary Indicators (any of  Surface Water (A1)  High Water Table (A  Saturation (A3)  Water Marks (B1)	ne is sufficier	nt)	Sparsely Ver Marl Deposi Hydrogen S	getated Con ts (B15) ulfide Odor	cave Surfac		Water Sta Drainage I Oxidized F Presence 0 Salt Depos	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5)
Surface Soil Cracks (B6)  Field Observations:  Surface Water Present? Yes No Depth (inches): 1  Water Table Present? Yes No Depth (inches): 0  Saturation Present? Yes No Depth (inches): 0  Secribe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Lemarks:	ne is sufficier	nt)	Sparsely Ver Marl Deposi Hydrogen S Dry-Season	getated Con ts (B15) ulfide Odor Water Table	ncave Surfac (C1) e (C2)		Water Sta Drainage I Oxidized F Presence C Salt Depos	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1)
Field Observations:  Surface Water Present? Yes No Depth (inches): 1  Water Table Present? Yes No Depth (inches): 0  Saturation Present? Yes No Depth (inches): 0  Secribe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Demarks:  Primary Indicators (any of the content	ne is sufficier  2)	nt)	Sparsely Ver Marl Deposi Hydrogen S Dry-Season	getated Con ts (B15) ulfide Odor Water Table	ncave Surfac (C1) e (C2)		Water Sta Drainage I Oxidized R Presence G Salt Depos Stunted or	ined Leaves (B9) Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) sic Position (D2)
Surface Water Present? Yes No Depth (inches): 1 Water Table Present? Yes No Depth (inches): 0 Saturation Present? Yes No Depth (inches): 0	Depth (inches):  Demarks:	ne is sufficier  2)	nt)	Sparsely Ver Marl Deposi Hydrogen S Dry-Season	getated Con ts (B15) ulfide Odor Water Table	ncave Surfac (C1) e (C2)		Water Sta Drainage I Oxidized R Presence o Salt Depos Stunted or Geomorph Shallow Ad	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) iic Position (D2) quitard (D3)
Water Table Present? Yes No Depth (inches): 0 Saturation Present? (includes capillary fringe)  Depth (inches): 0 Depth (inches): 0 Depth (inches): 0 Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Demarks:  Primarks:  Primary Indicators (any of the content of t	e is sufficier  2) 2)	nt)	Sparsely Ver Marl Deposi Hydrogen S Dry-Season	getated Con ts (B15) ulfide Odor Water Table	ncave Surfac (C1) e (C2)		Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) dic Position (D2) quitard (D3) graphic Relief (D4)
Saturation Present? (includes capillary fringe)  Depth (inches): 0  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Jemarks:  NYDROLOGY  Wetland Hydrology Incomprimary Indicators (any continuous of the	ne is sufficier  2) 2) 4)		Sparsely Ver Marl Deposi Hydrogen S Dry-Season	getated Con ts (B15) ulfide Odor Water Table	ncave Surfac (C1) e (C2)		Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) dic Position (D2) quitard (D3) graphic Relief (D4)
Saturation Present? (includes capillary fringe)  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Jemarks:  JYDROLOGY  Wetland Hydrology Inc Primary Indicators (any of the color	ne is sufficier  2) 2) 4)		Sparsely Ve	getated Con ts (B15) ulfide Odor Water Table ain in Rema	ncave Surfac (C1) e (C2)		Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) dic Position (D2) quitard (D3) graphic Relief (D4)
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Remarks:	Depth (inches):  Demarks:	e is sufficient  2)  2)  4)  Yes	• No O	Sparsely Ve	getated Conts (B15) ulfide Odor Water Table ain in Reman	ncave Surfac (C1) e (C2)	ce (B8)	Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar Microtopo	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) sic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
Remarks:	Depth (inches):  Jemarks:  JYDROLOGY  Wetland Hydrology Incomplete Primary Indicators (any of the control of th	e is sufficient  2)  2)  4)  Yes  Yes	No O	Sparsely Ve	getated Conts (B15) ulfide Odor Water Table ain in Remain nes): 1	ncave Surfac (C1) e (C2)	ce (B8)	Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar Microtopo	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) sic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
	Depth (inches):  Demarks:	e is sufficient  2)  2)  4)  Yes  Yes	No O	Sparsely Ve	getated Conts (B15) ulfide Odor Water Table ain in Remain nes): 1	ncave Surfac (C1) e (C2)	ce (B8)	Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar Microtopo	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) sic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
	Depth (inches):  Jemarks:  JYDROLOGY  Wetland Hydrology Incomprimary Indicators (any of the control of the cont	e is sufficient  2)  2)  4)  Yes  Yes  Yes	● No ○ ● No ○ ● No ○	Sparsely Ve	getated Conts (B15) ulfide Odor Water Table ain in Remaines): 1 nes): 0 nes): 0	(C1) (C2) e (C2) rks)	Wetla	Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar Microtopo	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) sic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
and the did progetile sheeth	Depth (inches):  Demarks:  Demarks:  Demarks:  Demarks:  Demarks:  Description of the primary Indicators (any of the primary Indicators (B1)  Demarks (B1)  Sediment Deposits (B3)  Algal Mat or Crust (B5)  Demarks (B5)  Surface Soil Cracks (B5)  Surface Soil Cracks (B5)  Surface Water Present?  Water Table Present?  Saturation Present?  Saturation Present?  (includes capillary fringents)  Describe Recorded Data (and the primary Indicators)	e is sufficient  2)  2)  4)  Yes  Yes  Yes	● No ○ ● No ○ ● No ○	Sparsely Ve	getated Conts (B15) ulfide Odor Water Table ain in Remaines): 1 nes): 0 nes): 0	(C1) (C2) e (C2) rks)	Wetla	Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar Microtopo	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) sic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
	Depth (inches):  Demarks:  Demarks:  Demarks:  Demarks:  Demarks:  Description (A1)  Demarks (B1)  D	Yes (tream gauge	● No ○ ● No ○ ● No ○	Sparsely Ve	getated Conts (B15) ulfide Odor Water Table ain in Remaines): 1 nes): 0 nes): 0	(C1) (C2) e (C2) rks)	Wetla	Water Sta Drainage I Oxidized F Presence o Salt Depos Stunted or Geomorph Shallow Ar Microtopo	ined Leaves (B9) Patterns (B10) thizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) sic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)

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