## WETLAND DETERMINATION DATA FORM - Alaska Region

Projec	t/Site: Susitna-Watana Hydroelectric Project		Borough/City:	Denali Bo	orough Sampling Date: 08-Aug-13
Applica	ant/Owner: Alaska Energy Authority				Sampling Point: SW13_T146_06
	gator(s): SLI EAC		Landform (hill	lside, terrac	ce, hummocks etc.): Swale
	relief (concave, convex, none): concave		Slope:	% / 3.4	
	gion : Interior Alaska Mountains	l at ·	63.38379526 <sup>2</sup>		Long.: -148.753495811 Datum: NAD83
	ap Unit Name:	Lut	03.30379320	13	NWI classification: PSS1B
	•	: <b></b>	2 Vos	● No ○	
Are \		significan	itly disturbed?	Are "N	(If no, explain in Remarks.) Iormal Circumstances" present? Yes ● No ○
Are \	egetation ☐ , Soil ☐ , or Hydrology ☐	naturally	problematic?	(If nee	eded, explain any answers in Remarks.)
SUMI	MARY OF FINDINGS - Attach site map sho	wing sa	mpling point	locations	s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes   No	$\overline{}$			
	Hydric Soil Present? Yes ● No		Is	the Sam	pled Area
	Wetland Hydrology Present? Yes  No	_	wi	ithin a W	/etland? Yes ● No ○
Rem	arks: no channelized features. substantial microtopogr		may convey sr	nowmelt in s	spring, but coding B water regime based on lack of
	channelized features, drift deposits, or water ma		, ,		
/ECI	ETATION III	:-+ -II		1-4	
VEG	<b>ETATION</b> - Use scientific names of plants. L	ist all sp	becies in the	piot.	Dominance Test worksheet:
T	e Stratum	Absolut % Cove		Indicator Status	Number of Dominant Species
1.	e Stratum	0		Status	That are OBL, FACW, or FAC:4 (A)
2.			_		Total Number of Dominant
3.			-		Species Across All Strata: 4 (B)
4.		0	- =		Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
5.			-		
	Total Cover	r:	_		Prevalence Index worksheet:  Total % Cover of: Multiply by:
Sar	oling/Shrub Stratum 50% of Total Cover:	0 20	% of Total Cover	: 0	OBL Species 10.1 x 1 = 10.1
				FAC	FACW Species 40 x 2 = 80
	Betula glandulosa Salix barclayi	- <u>5</u> 20		FAC FAC	FAC Species 45.1 x 3 = 135.3
	Calix nulahra			FACW	FACU Species 5 x 4 = 20
4.	<u> </u>			TACW	UPL Species 0 x 5 = 0
5.					
6.					Column Totals: <u>100.2</u> (A) <u>245.4</u> (B)
7.					Prevalence Index = B/A = 2.449
8.		0			Hydrophytic Vegetation Indicators:
9.		0			✓ Dominance Test is > 50%
10.		0			✓ Prevalence Index is ≤3.0
	Total Cover				Morphological Adaptations <sup>1</sup> (Provide supporting data in
Hei	<b>b Stratum</b> 50% of Total Cover:	32.5 20	0% of Total Cove	r: <u>13</u>	Remarks or on a separate sheet)
1.	Calamagrostis canadensis	20	_	FAC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
2.	Rubus arcticus (IAM)	5	_ 🖳	FACU	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
3.	Carex aquatilis	10		OBL	be present, unless disturbed or problematic.
1				FAC	
4.	Rumex arcticus	0.1	-		Plot size (radius, or length x width) 10m
5.	Comarum palustre	0.1		OBL	Plot size (radius, or length x width) 10m  % Cover of Wetland Bryophytes
5. 6.	Comarum palustre	0.1			Plot size (radius, or length x width)  % Cover of Wetland Bryophytes (Where applicable)
5. 6. 7.	Comarum palustre	0.1			% Cover of Wetland Bryophytes
5. 6. 7. 8.	Comarum palustre	0.1 0 0			% Cover of Wetland Bryophytes (Where applicable)
5. 6. 7. 8. 9.	Comarum palustre	0.1 0 0 0			% Cover of Wetland Bryophytes (Where applicable) % Bare Ground Total Cover of Bryophytes
5. 6. 7. 8. 9.	Comarum palustre	0.1 0 0 0 0			% Cover of Wetland Bryophytes (Where applicable)  % Bare Ground Total Cover of Bryophytes  Hydrophytic
5. 6. 7. 8. 9.	Comarum palustre	0.1 0 0 0 0 0 0		OBL	% Cover of Wetland Bryophytes (Where applicable) % Bare Ground Total Cover of Bryophytes

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW13\_T146\_06

The Color (revisit)  0-1 2.57R 2/2 100  1-4 107R 3/1 100  4-13 2.57V 3/1 100  5-25 Sept. Organics  4-13 2.57V 3/1 100  Cease Sand Sept. Organics  4-15 N 3/1 100  Cease Sand Sept. Organics  4-16 Sept. Organics  4-17 Sept. Cease Sand Sept. Organics  4-17 Sept. Cease Sand Sept. Organics  4-18 Sept. Organics  4-19 Sept. Organics  5-20 Sept. Organics  6-20 Sept. Organics  6			Matrix		ent the indicator or o	onfirm the abse		ators)		
1-4 107R 3/1 100 Course Sandy Learn gravels 40%  13-15 N 3/1 100 Course Sandy Learn gravels 40%  13-15 N 3/1 100 Course Sandy Learn gravels 40%  13-15 N 3/1 100 Course Sandy Learn gravels 40%  13-15 N 3/1 100 Course Sandy  14-15 N 3/1 100 Course Sandy  15-15 N 3/1 100 Course Sandy  16-15 N 3/1 100 Course	(inches)	Color (m	oist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
4-13 2.57 3/1 100 Coarse Sandy Loam gravels 40%  13-15 N 3/1 100 Coarse Sand Gravel Loam gravels 40%  13-15 N 3/1 100 Coarse Sand Gravel Loam gravels 40%  14-15 N 3/1 100 Coarse Sand Gravel Load Load Load Load Load Load Load Load	0-1	2.5YR	2/2	100					Fibric Organics	
4-13 2.5Y 3/1 100 Coarse Sand Graves 40%  13-15 N 3/1 100 Coarse Sand Graves 40%  Coarse Sand Coarse Sand Coarse Sand Coarse Sand Graves 40%  Locarse Sand Allores with Graves 40%  Locarse Sand Allores 40%  Locarse Sand Graves 40%  Locarse Sand Allores 40%  Locarse Sand Craves 40%  Locarse Sand Allores 40%  Locarse Sand Locarse 40%  Loca	1-4	10YR	3/1	100					Sapric Organics	-
13-15 N 3/1 100 Coarse Sand  1 Type: C=Concentration, D=Depletion, RM=Reduced Matrix 2 Location: PL=Pore Lining, RC=Root Channel, M=Matrix  Hydric Soil Indicators:    Histosio of Intitled [A1)	4-13	2 5Y		100		- <del></del>			Coarse Sandy Loam	gravels 40%
**Type: C=Concentration. D=Depletion. RM=Reduced Matrix ** **Location: PL=Pore Lining. RC=Root Channel. M=Matrix **    Hydric Soil Indicators:										graveis 4070
Hydric Soil Indicators:    Histosof or Histel (A1)	13-15	N	3/1						Coarse Sand	
Hydric Soil Indicators:    Histosof or Histel (A1)										
Hydric Soil Indicators:    Histosof or Histel (A1)										
Hydric Soil Indicators:    Histosof or Histel (A1)										
Hydric Soil Indicators:    Histosof or Histel (A1)	¹Type: C=Co	ncentration. D	=Depletion	n. RM=Reduce	d Matrix <sup>2</sup> Locatio	on: PL=Pore	Lining, RC	=Root Cha	nnel. M=Matrix	
Histosol or Histel (A1) Alaska Repland (A2) Alaska Redox With 2.5Y Hue  Thick Dark Surface (A12) Alaska Gleyed (A13) Alaska Gleyed (A13) Alaska Gleyed (A13) Alaska Gleyed (A13) Alaska Gleyed Pores (A15)  Restrictive Layer (if present): Type: active layer Depth (inches): 18  Remarks: Soil has high concentration of coarse sand. Redox features not evident. Believe insufficient organic matter for redox development.  HYDROLOGY  Wetland Hydrology Indicators: Primary Indicators (A12) Wetland Hydrology Indicators: Primary Indicators (A12) Water Sained Leaves (B9) Underwind Hydrology Indicators: Water (A1) High Water Table (A2) Sparsely Vegetated Concave Surface (B8) Water Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Dry-Season Water Table (C2) Sediment Deposits (B3) Underwind Hydrology Sulfide Odor (C1) Sediment Deposits (B3) Underwind Hydrology Indicators (B4) Hydrogen Sulfide Odor (C1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B3) Under Marks (B1) Hydrogen Sulfide Odor (C1) Sediment Deposits (B3) Underwind Hydrology Present? Yes No Depth (inches): Surface Water P							_			
Histic Epipedon (A2)							4	JII3.	Alaska Clayed Without H	up EV or Roddor
Hydrogen Sulfide (A4)		. ,								ue 31 01 Reduel
Thick Dark Surface (A12)   alaska Gleyed (A13)   and an appropriate landscape position must be present   Alaska Redox (A14)   4 Give details of color change in Remarks      Restrictive Layer (if present): Type: active layer Depth (inches): 18   Type: active layer Depth (inches): 19   Type: active layer Depth (inches): 10						, ,		<b>✓</b>	, , ,	ks)
Alaska Gleyed (A13)		` '			Alaska Neuox	WILLI Z.JI IIC	ic		Care (Explain in Remain	,
Alaska Geleyet (A13)		•	<u>2)</u>		<sup>3</sup> One indicator o	f hydrophytic	vegetatio	n, one prin	nary indicator of wetland h	nydrology,
Alaska Gleyed Pores (A15)  *Give details of color change in Remarks  Restrictive Layer (if present): Type: active layer Depth (inches): 18  Remarks: Soil has high concentration of coarse sand. Redox features not evident. Believe insufficient organic matter for redox development.  **PYPROLOGY**  **Wetland Hydrology Indicators: Primary Indicators (anv one is sufficient) Sparsely Vegetated Concave Surface (B8) Sparsely Vegetated Concave (B9) Sparsely Vegetated Concave Surface (B8) Sparsely Vegetated Concave (B9) Sparsely Vegetated Concave (B9) Sparsely Vegetated Concave (B9) Sparsely Vegetated Concave										
Restrictive Layer (if present): Type: active layer Depth (inches): 18  Remarks: Soil has high concentration of coarse sand. Redox features not evident. Believe insufficient organic matter for redox development.  HYDROLOGY  Wetland Hydrology Indicators: Surface Water (A1)		. ,	15)		4 Give details of	color change	in Remark	s		
Hydric Soil Present? Yes ● No ○  Remarks: Soil has high concentration of coarse sand. Redox features not evident. Believe insufficient organic matter for redox development.  HYDROLOGY  Wetland Hydrology Indicators: Primary Indicators (any one is sufficient) Surface Water (A1) High Water Table (A2) Sparsely Vegetated Concave Surface (B8) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B2) Dry-Season Water Table (C2) Sufface Water (Explain in Remarks) Surface Soil Cracks (B6) Field Observations: Surface Water Present? Surface Water Present? Ves ● No ● Depth (inches): Depth (inches): 9  Describe Recorded Data (Stream gauge, monitor well, aerial photos, previous inspection) if available:										
Remarks: Soil has high concentration of coarse sand. Redox features not evident. Believe insufficient organic matter for redox development.  HYDROLOGY  Wetland Hydrology Indicators: Primary Indicators (any one is sufficient) Surface Water (A1) Inundation Visible on Aerial Imagery (B7) Sutration (A3) Air Deposits (B15) Sediment Deposits (B2) Diff Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B3) Algal Mat or Crust (B4) Surface Soil Cracks (B6) Surface Soil Cracks (B6)  Field Observations: Surface Water Present? Ves No Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Wetland Hydrology Indicators (two or more are required) Water Stained Leaves (B9) Water Stained Leaves (B9) Drainage Patterns (B10) Water Stained L	•		•						Hydric Soil Present	2 Yes No
Remarks: Soil has high concentration of coarse sand. Redox features not evident. Believe insufficient organic matter for redox development.  HYDROLOGY  Wetland Hydrology Indicators:		,							Tryunc Son Fresent	163
Wetland Hydrology Indicators:					atures not evident	. Believe insu	fficient or	ganic matte	er for redox development.	
Primary Indicators (any one is sufficient)  □ Surface Water (A1) □ Inundation Visible on Aerial Imagery (B7) □ Drainage Patterns (B10) □ 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) □ Salt Deposits (C5) □ Sediment Deposits (B2) □ Dry-Season Water Table (C2) □ Drift Deposits (B3) □ Other (Explain in Remarks) □ Geomorphic Position (D2) □ Algal Mat or Crust (B4) □ Iron Deposits (B5) □ Surface Soil Cracks (B6) □ FAC-neutral Test (D5) □ Seturation Present? □ Yes □ No □ Depth (inches): □ Depth (inches): 9 □ Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:					actives not evident	. Believe insu	fficient org	ganic matte	er for redox development.	
□ Surface Water (A1) □ Inundation Visible on Aerial Imagery (B7) □ Drainage Patterns (B10)  ☑ 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) □ Microtopographic Relief (D4) □ Surface Soil Cracks (B6) □ Present? Yes □ No □ Depth (inches): □ Water Table Present? Yes □ No □ Depth (inches): 10 □ Depth (inches): 9 □ Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	HYDROLO	JGY			actives not evident	. Believe insu	fficient org	ganic matte	er for redox development.	
✓ 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):  Depth (					actives not evident	. believe insu	fficient org	ganic matte		cators (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):  Water Table Present?  Yes No Depth (inches): 10  Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Wetland Hyd	rology Indic	ators:		actives not evident	. Believe Insu	fficient org	ganic matte	_Secondary Indi	
Water Marks (B1)	Wetland Hyd	rology Indicators (any one	ators:						_Secondary Indi	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) □ Microtopographic Relief (D4) □ Surface Soil Cracks (B6) □ Depth (inches):  Surface Water Present? Yes ○ No ○ Depth (inches): 10 Wetland Hydrology Present? Yes ○ No ○ Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Primary Indication  Surface V	rology Indic ators (any one Vater (A1)	ators:		Inundation	Visible on Aer	rial Image	ry (B7)	Secondary Indi  Water Stai	ned 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)  Field Observations: Surface Water Present? Yes ○ No ○ Depth (inches): Water Table Present? Yes ○ No ○ Depth (inches): 10 Wetland Hydrology Present? Yes ○ No ○ Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Wetland Hyd Primary Indica  Surface V  High Wat  ✓ Saturatio	rology Indicators (any one Vater (A1) Fer Table (A2) In (A3)	ators:		☐ Inundation ☐ Sparsely Ve	Visible on Aer getated Conc	rial Image	ry (B7)	Secondary Indi  Water Stai  Drainage I  Oxidized R	ned Leaves (B9) Patterns (B10) chizospheres along Living Roots (C3) of Reduced Iron (C4)
Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Surface Soil Cracks (B6)  Field Observations:  Surface Water Present?  Water Table Present?  Yes No Depth (inches):  Saturation Present?  (includes capillary fringe)  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Wetland Hyd Primary Indica  Surface V  High Wat  ✓ Saturatio	rology Indicators (any one Vater (A1) Fer Table (A2) In (A3)	ators:		Inundation Sparsely Ve Marl Deposi	Visible on Aer getated Conc ts (B15)	rial Image ave Surfac	ry (B7)	Secondary Indi  Water Stai  Drainage I  Oxidized R	ned Leaves (B9) Patterns (B10) chizospheres along Living Roots (C3) of Reduced Iron (C4)
☐ Iron Deposits (B5) ☐ Microtopographic Relief (D4) ☐ Surface Soil Cracks (B6) ☐ FAC-neutral Test (D5) ☐ Surface Water Present? Yes ○ No ○ Depth (inches):  Water Table Present? Yes ○ No ○ Depth (inches): 10 ☐ Wetland Hydrology Present? Yes ○ No ○ Depth (inches): 9 ☐ Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Wetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma	rology Indic ators (any one Vater (A1) er Table (A2) n (A3) arks (B1)	ators: is sufficier		Inundation Sparsely Ve Marl Deposi Hydrogen S	Visible on Aer getated Conc ts (B15) ulfide Odor ((	rial Image ave Surfac	ry (B7)	Secondary Indi  Water Stai  Drainage I  Oxidized R  Presence o  Salt Depos	ned 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):  Water Table Present? Yes No Depth (inches): 10  Saturation Present? Yes No Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Primary Indica  Primary Indica  Surface V  High Wat  ✓ Saturatio  Water Ma  Sediment	rology Indic ators (any one Vater (A1) er Table (A2) n (A3) arks (B1) : Deposits (B2)	ators: is sufficier		Inundation Sparsely Ve Marl Deposi Hydrogen S Dry-Season	Visible on Aer getated Conc ts (B15) ulfide Odor (G Water Table	rial Image ave Surfac C1) (C2)	ry (B7)	Secondary Indi Water Stai Drainage I Oxidized R Presence o Salt Depos	rined Leaves (B9) Patterns (B10) Unizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1)
Field Observations:  Surface Water Present? Yes No Depth (inches):  Water Table Present? Yes No Depth (inches): 10  Saturation Present? Yes No Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Wetland Hyd Primary Indica  Surface V  ✓ High Wat  ✓ Saturatio  Water Ma  Sediment  Drift Dep	rology Indic ators (any one Vater (A1) er Table (A2) n (A3) arks (B1) t Deposits (B2) osits (B3)	<b>ators:</b> is sufficier		Inundation Sparsely Ve Marl Deposi Hydrogen S Dry-Season	Visible on Aer getated Conc ts (B15) ulfide Odor (G Water Table	rial Image ave Surfac C1) (C2)	ry (B7)	Secondary Indi Water Stai Drainage I Oxidized R Presence o Salt Depos Stunted or	Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1) ic Position (D2)
Surface Water Present? Yes No Depth (inches):  Water Table Present? Yes No Depth (inches): 10  Saturation Present? Yes No Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Primary Indica  □ Surface V  ✓ High Wat  ✓ Saturatio  □ Water Ma  □ Sediment  □ Drift Dep  □ Algal Mat	rology Indic ators (any one Vater (A1) er Table (A2) n (A3) arks (B1) : Deposits (B2) osits (B3) : or Crust (B4)	<b>ators:</b> is sufficier		Inundation Sparsely Ve Marl Deposi Hydrogen S Dry-Season	Visible on Aer getated Conc ts (B15) ulfide Odor (G Water Table	rial Image ave Surfac C1) (C2)	ry (B7)	Secondary Indi Water Stai Drainage I Oxidized R Presence o Salt Depos Stunted or Geomorph	Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1) ic Position (D2) quitard (D3)
Water Table Present? Yes No Depth (inches): 10  Saturation Present? (includes capillary fringe)  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:  Wetland Hydrology Present? Yes No Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Primary Indica  Surface V  ✓ High Wat  ✓ Saturatio  Water Ma  Sediment  Drift Dep  Algal Mat  Iron Depo	rology Indic ators (any one Vater (A1) er Table (A2) n (A3) arks (B1) : Deposits (B2) osits (B3) or Crust (B4) osits (B5)	ators: is sufficier		Inundation Sparsely Ve Marl Deposi Hydrogen S Dry-Season	Visible on Aer getated Conc ts (B15) ulfide Odor (G Water Table	rial Image ave Surfac C1) (C2)	ry (B7)	Secondary Indi Water Stai Drainage I Oxidized R Presence o Salt Depos Stunted or Geomorph Shallow Ad	Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1) ic 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:	Wetland Hyd Primary Indica Surface V ✓ High Wat ✓ Saturatio Water Ma Sediment Drift Dep Algal Mat Iron Depc Surface S	rology Indicators (any one Vater (A1) er Table (A2) n (A3) arks (B1) Deposits (B2) osits (B3) or Crust (B4) osits (B5) ooil Cracks (B6	ators: is sufficier	nt)	Inundation Sparsely Ve Marl Deposi Hydrogen S Dry-Season	Visible on Aer getated Conc ts (B15) ulfide Odor (G Water Table	rial Image ave Surfac C1) (C2)	ry (B7)	Secondary Indi Water Stai Drainage I Oxidized R Presence o Salt Depos Stunted or Geomorph Shallow Ad	Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4)
(includes capillary fringe)  Yes Wild Depth (inches): 9  Depth (inches): 9  Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Wetland Hyd Primary Indica Surface V ✓ High Wat ✓ Saturatio Water Ma Sediment Drift Dep Algal Mat Iron Depo Surface S Field Observ	rology Indicators (any one Vater (A1) er Table (A2) n (A3) arks (B1) c Deposits (B2) osits (B3) c or Crust (B4) osits (B5) osit Cracks (B6 ations:	ators: is sufficier	nt)	Inundation Sparsely Ve Marl Deposi Hydrogen S Dry-Season Other (Expla	Visible on Aer getated Conc ts (B15) ulfide Odor (( Water Table ain in Remark	rial Image ave Surfac C1) (C2)	ry (B7)	Secondary Indi Water Stai Drainage I Oxidized R Presence o Salt Depos Stunted or Geomorph Shallow Ad	Patterns (B10) Chizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4)
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