## WETLAND DETERMINATION DATA FORM - Alaska Region

Applic	t/Site: Susitna-Watana Hydroelectric Project	D	orough/City:	Matanusk	a-Susitna Borough Sampling Date: 24-Jun-12
	ant/Owner: Alaska Energy Authority				Sampling Point: SW12_T17_13
nvest	igator(s): SLI, LMF		Landform (hill	side, terrac	e, hummocks etc.): Valley bottom
ocal	relief (concave, convex, none): undulating		Slope:	%/ 0.6	° Elevation: 598
Subre	gion : Southcentral Alaska	Lat.: (	62.785678219	)	Long.: -148.973215741 Datum: NAD83
	ap Unit Name:	_			NWI classification: PEM1E
	matic/hydrologic conditions on the site typical for this t	ime of voor		• No ()	(If no, explain in Remarks.)
	/egetation, Soil, or Hydrology		disturbed?		ormal Circumstances" present? Yes
		naturally pr			
Ale		naturally pr	oblematic :	(ii nee	ded, explain any answers in Remarks.)
SUM	MARY OF FINDINGS - Attach site map sho	wing sam	pling point	locations	s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes • No	)	_		
	Hydric Soil Present? Yes  No	$\mathbf{)}$			pled Area
	Wetland Hydrology Present? Yes  No (	$\mathbf{)}$	wi	thin a W	etland? Yes $\odot$ No $\bigcirc$
Rem	arks: beaver dam at west end of site. PEM1E wetland		map separate	ely, larger w	vetland community is PEM1/SS1E.
/FGI	ETATION - Use scientific names of plants. L	ict all coo	ciac in tha	nlat	
		-		-	Dominance Test worksheet:
Tre	e Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant Species
1.		0			That are OBL, FACW, or FAC: (A)
2.					Total Number of Dominant
3.					Species Across All Strata: (B)
4.					Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
5.					
	Total Cover	r: 0	_		Prevalence Index worksheet: Total % Cover of: Multiply by:
Sai	bling/Shrub Stratum 50% of Total Cover:	0 20%	of Total Cover:	0	
		-	_		
1.				FAC	EACW Species $21 \times 2 = 42$
2	Betula nana			FAC	FACW Species $21$ x 2 = $42$ FAC Species 15 x 3 = $45$
2.	Vaccinium uliginosum	5		FAC	FAC Species $15$ x 3 = $45$
3.	Vaccinium uliginosum Salix reticulata	5		FAC FAC	FAC Species15 $x 3 =$ 45FACU Species0 $x 4 =$ 0
3. 4.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1		FAC	FAC Species15 $x 3 =$ 45FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0
3. 4. 5.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1 0		FAC FAC	FAC Species15 $x 3 =$ 45FACU Species0 $x 4 =$ 0
3. 4. 5. 6.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1 0 0		FAC FAC	FAC Species15 $x 3 =$ 45FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0
3. 4. 5. 6. 7.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1 0 0		FAC FAC	FAC Species15 $x 3 =$ 45FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308
3. 4. 5. 6. 7. 8.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1 0 0 0 0		FAC FAC	FAC Species15 $x 3 =$ 45FACU Species0 $x 4 =$ 0UPL Species0 $x 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308
3. 4. 5. 6. 7. 8. 9.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1 0 0 0 0		FAC FAC	FAC Species15 $x \ 3 =$ 45FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50%
3. 4. 5. 6. 7. 8. 9.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1 0 0 0 0 0 0 0		FAC FAC	FAC Species15 $x \ 3 =$ 45FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$
3. 4. 5. 7. 8. 9. 10.	Vaccinium uliginosum Salix reticulata Andromeda polifolia	5 3 1 0 0 0 0 0 0 0 0 16		FAC FAC FACW	FAC Species15 $x \ 3 =$ 45FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50%
3. 4. 5. 7. 8. 9. 10.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover Total Cover:	$ \begin{array}{c} 5 \\ 3 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 16 \\ 8 \\ 20\% \end{array} $		FAC FAC FACW	FAC Species15 $x \ 3 =$ 45FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$ $\square$ Morphological Adaptations <sup>1</sup> (Provide supporting data in
3. 4. 5. 6. 7. 8. 9. 10. <b>He</b>	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover 50% of Total Cover:	$ \begin{array}{c} 5 \\ 3 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 16 \\ 8 \\ 20\% \end{array} $	of Total Cover	FAC           FAC           FAC           FAC	FAC Species15 $x \ 3 =$ 45FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$ $\square$ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) $\square$ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. 4. 5. 7. 8. 9. 10. <b>He</b> 1. 2.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover to Stratum Eriophorum russeolum Carex magellanica	$ \begin{array}{c} 5 \\ 3 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species15 $x \ 3 =$ 45FACU Species0 $x \ 4 =$ 0UPL Species0 $x \ 5 =$ 0Column Totals:39(A)90Prevalence Index = B/A =2.308Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$ $\square$ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)
3. 4. 5. 6. 7. 8. 9. 10. 10. <b>He</b> 1. 2. 3.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover to Stratum Carex magellanica	$ \begin{array}{c} 5 \\ 3 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species       15 $x \ 3 =$ 45         FACU Species       0 $x \ 4 =$ 0         UPL Species       0 $x \ 5 =$ 0         Column Totals:       39       (A)       90       (B)         Prevalence Index = B/A =       2.308         Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\le 3.0$ $\checkmark$ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) $\bigcirc$ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
3. 4. 5. 6. 7. 8. 9. 10. 10. <b>He</b> 1. 2. 3. 4.	Vaccinium uliginosum Salix reticulata Andromeda polifolia  Total Cover  S0% of Total Cover: Eriophorum russeolum Carex magellanica	$ \begin{array}{c} 5 \\ 3 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species       15       x 3 =       45         FACU Species       0       x 4 =       0         UPL Species       0       x 5 =       0         Column Totals:       39       (A)       90       (B)         Prevalence Index = B/A =       2.308         Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$ $\checkmark$ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) $\square$ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.         Plot size (radius, or length x width)       10m
3. 4. 5. 6. 7. 8. 9. 10. 10. <b>He</b> 1. 2. 3. 4. 5.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover to Stratum Carex magellanica	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species       15       x 3 =       45         FACU Species       0       x 4 =       0         UPL Species       0       x 5 =       0         Column Totals:       39       (A)       90       (B)         Prevalence Index = B/A =       2.308         Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) $\square$ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) $^1$ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
3. 4. 5. 6. 7. 8. 9. 10. 10. 1. 2. 3. 4. 5. 6.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover to Stratum Eriophorum russeolum Carex magellanica	$ \begin{array}{c} 5 \\ 3 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species       15       x 3 =       45         FACU Species       0       x 4 =       0         UPL Species       0       x 5 =       0         Column Totals:       39       (A)       90       (B)         Prevalence Index = B/A =       2.308         Hydrophytic Vegetation Indicators: $\checkmark$ $\bigcirc$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) $\bigcirc$ Problematic Hydrophytic Vegetation <sup>1</sup> (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
3. 4. 5. 6. 7. 8. 9. 10. 10. 1. 2. 3. 4. 5. 6. 7.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover Total Cover S0% of Total Cover: Eriophorum russeolum Carex magellanica	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species       15       x 3 =       45         FACU Species       0       x 4 =       0         UPL Species       0       x 5 =       0         Column Totals:       39       (A)       90       (B)         Prevalence Index = B/A =       2.308         Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is <3.0
3. 4. 5. 6. 7. 8. 9. 10. 1. 2. 3. 4. 5. 6. 7. 8.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover Total Cover: Eriophorum russeolum Carex magellanica	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species15x 3 =45FACU Species0x 4 =0UPL Species0x 5 =0Column Totals:39(A)90Prevalence Index = B/A =2.308Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is <3.0
3. 4. 5. 6. 7. 8. 9. 10. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Vaccinium uliginosum Salix reticulata Andromeda polifolia Total Cover Total Cover S0% of Total Cover:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	of Total Cover	FAC           FAC           FAC           FACW	FAC Species       15       x 3 =       45         FACU Species       0       x 4 =       0         UPL Species       0       x 5 =       0         Column Totals:       39       (A)       90       (B)         Prevalence Index = B/A =       2.308         Hydrophytic Vegetation Indicators: $\checkmark$ Dominance Test is > 50% $\checkmark$ Prevalence Index is $\leq 3.0$ $\square$ Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) $\square$ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> 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
3. 4. 5. 6. 7. 8. 9. 10. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Vaccinium uliginosum Salix reticulata Andromeda polifolia  Total Cover  Total Cover S0% of Total Cover:	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	<ul> <li>✓</li> <li>○</li> <li>○</li></ul>	FAC           FAC           FACW           Galary           State           GBL           GBL           GBL	FAC Species       15       x 3 =       45         FACU Species       0       x 4 =       0         UPL Species       0       x 5 =       0         Column Totals:       39       (A)       90       (B)         Prevalence Index = B/A =       2.308         Hydrophytic Vegetation Indicators: $\checkmark$ $\checkmark$ $\bigcirc$ $\checkmark$ Dominance Test is > 50% $\checkmark$ $\checkmark$ $\bigcirc$ $\checkmark$ Dominance Test is > 50% $\checkmark$ $\checkmark$ $\bigcirc$ $\checkmark$ Dominance Test is > 50% $\checkmark$ $\checkmark$ $\bigcirc$ $\checkmark$ Dominance Test is > 50% $\checkmark$ $\checkmark$ $\bigcirc$ $\checkmark$ Dominance Test is > 50% $\checkmark$ $\checkmark$ $\bigcirc$ $\checkmark$ Dominance Test is < 50%

Depth (inches) Co	olor (moist)	%	Color (moist)	%	Type <sup>1</sup>	<u>Loc</u> <sup>2</sup>	Texture	Remarks
							-	
<u></u>	, , ,					-	-	
			,				-	
			21					
Type: C=Concentra	tion. D=Depletion.	RM=Reduc			-		innel. M=Matrix	
lydric Soil Indicat	ors:		Indicators for Pr		4	oils:	1	
Histosol or Histel	. ,		Alaska Color C	• •	,		Alaska Gleyed Without H Underlying Layer	lue 5Y or Redder
Histic Epipedon (	-		Alaska Alpine s				Other (Explain in Remar	ks)
Hydrogen Sulfide Thick Dark Surface	. ,			WIUI 2.51 r	lue	L		
Alaska Gleyed (A:	( )						nary indicator of wetland	hydrology,
Alaska Gleyed (A.	-		and an appropriat	te landscap	be position	must be pr	esent	
Alaska Gleyed Po			<sup>4</sup> Give details of c	olor chang	e in Remar	s		
astrictiva Lovar (if p								
	resent):						Hydric Soil Present	
Type: Depth (inches):	resent):						Hydric Soil Present	:? Yes 🖲 No
Type: Depth (inches):	esent):						Hydric Soil Present	? Yes ● No ○
Type: Depth (inches): emarks:		rsed with w	vell-vegetated humm	nocks, assu	me hydric s	oils.	Hydric Soil Present	:? Yes ● No ○
Type: Depth (inches): emarks:		rsed with w	vell-vegetated humm	iocks, assu	me hydric s	oils.	Hydric Soil Present	:? Yes 🖲 No
Type: Depth (inches): emarks:		rsed with w	vell-vegetated humm	locks, assu	me hydric s	oils.	Hydric Soil Present	? Yes ● No ○
Type: Depth (inches): emarks:		rsed with w	vell-vegetated humm	nocks, assu	me hydric s	oils.	Hydric Soil Present	:? Yes ● No ○
Type: Depth (inches): emarks: o soil pit due to stand		rsed with w	rell-vegetated humm	iocks, assu	me hydric s	oils.	Hydric Soil Present	:? Yes • No O
Type: Depth (inches): emarks: o soil pit due to stand	ding water interspe	rsed with w	vell-vegetated humm	iocks, assu	me hydric s	oils.		? Yes • No ·
Type: Depth (inches): emarks: o soil pit due to stand YDROLOGY /etland Hydrology	ding water interspe		rell-vegetated humm	iocks, assu	me hydric s	oils.	Secondary Ind	
Type: Depth (inches): emarks: o soil pit due to stand YDROLOGY //etland Hydrology /rimary Indicators (ar	ding water interspered Indicators: ny one is sufficient)		vell-vegetated humm					icators (two or more are required)
Type: Depth (inches): emarks: o soil pit due to stand YDROLOGY /etland Hydrology Primary Indicators (ar Surface Water (A	ding water interspered Indicators: ny one is sufficient)			/isible on A	erial Image	ry (B7)	Secondary Ind Water Sta Drainage	icators (two or more are required) ined Leaves (B9)
Type: Depth (inches): emarks: o soil pit due to stand YDROLOGY /etland Hydrology /rimary Indicators (an Surface Water (A High Water Table	ding water interspered Indicators: ny one is sufficient)		Inundation V Sparsely Veg Marl Deposit	'isible on A Jetated Cor s (B15)	erial Image ncave Surfa	ry (B7)	Secondary Ind Water Sta Drainage Oxidized F Presence	icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4)
Type: Depth (inches): emarks: o soil pit due to stand YDROLOGY /etland Hydrology /rimary Indicators (an Surface Water (A High Water Table Saturation (A3)	ding water interspective Indicators: ny one is sufficient) A1) e (A2)		Inundation V Sparsely Veg	'isible on A Jetated Cor s (B15)	erial Image ncave Surfa	ry (B7)	Secondary Ind	icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4)
Type: Depth (inches): emarks: o soil pit due to stand YDROLOGY /etland Hydrology /rimary Indicators (an Surface Water (A High Water Table Saturation (A3)	ding water intersper Indicators: ny one is sufficient) A1) e (A2) .)		Inundation V Sparsely Veg Marl Deposit	/isible on A jetated Cor s (B15) ilfide Odor	erial Image ncave Surfa (C1)	ry (B7)		icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1)
Type: Depth (inches): emarks: o soil pit due to stand <b>YDROLOGY</b> /etland Hydrology /rimary Indicators (an Surface Water (A High Water Table Saturation (A3) Water Marks (B1	ding water intersper <b>Indicators:</b> ny one is sufficient) A1) e (A2) .) its (B2)		Inundation V Sparsely Veg Marl Deposit Hydrogen Su	/isible on A jetated Cor s (B15) ilfide Odor Water Tabl	erial Image ncave Surfa (C1) e (C2)	ry (B7)		icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5)
Type: Depth (inches): emarks: o soil pit due to stand <b>YDROLOGY</b> /etland Hydrology /rimary Indicators (ar Surface Water (A Surface Water Table Saturation (A3) Water Marks (B1 Sediment Deposi	ding water intersper <b>Indicators:</b> ny one is sufficient) A1) e (A2) .) its (B2) 3)		Inundation V Sparsely Veg Marl Deposit Hydrogen Su Dry-Season V	/isible on A jetated Cor s (B15) ilfide Odor Water Tabl	erial Image ncave Surfa (C1) e (C2)	ry (B7)	Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A	icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) hic Position (D2) quitard (D3)
Type: Depth (inches): emarks: o soil pit due to stand <b>YDROLOGY</b> /etland Hydrology rimary Indicators (ar Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits Drift Deposits (B)	ding water intersper Indicators: ny one is sufficient) A1) e (A2) .) its (B2) 3) st (B4)		Inundation V Sparsely Veg Marl Deposit Hydrogen Su Dry-Season V	/isible on A jetated Cor s (B15) ilfide Odor Water Tabl	erial Image ncave Surfa (C1) e (C2)	ry (B7)	Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A	icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) hic Position (D2)
Type: Depth (inches): emarks: o soil pit due to stand <b>YDROLOGY</b> //etland Hydrology //mary Indicators (ar // Surface Water (A // High Water Table // Saturation (A3) Water Marks (B1 Sediment Deposits Drift Deposits (B) Algal Mat or Cruss	ding water interspect <b>Indicators:</b> ny one is sufficient) A1) e (A2) .) its (B2) 3) st (B4) 5)		Inundation V Sparsely Veg Marl Deposit Hydrogen Su Dry-Season V	/isible on A jetated Cor s (B15) ilfide Odor Water Tabl	erial Image ncave Surfa (C1) e (C2)	ry (B7)	Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A	icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) hic Position (D2) quitard (D3) graphic Relief (D4)
Type: Depth (inches): emarks: o soil pit due to stand <b>YDROLOGY</b> Vetland Hydrology Primary Indicators (an V Surface Water (A V High Water Table Saturation (A3) Water Marks (B1 Sediment Deposit Sediment Deposits (B2 Algal Mat or Crus Iron Deposits (B2 Surface Soil Crac	ding water interspective Indicators: ny one is sufficient) A1) e (A2) .) its (B2) 3) st (B4) 5) :ks (B6)		Inundation V Sparsely Veg Marl Deposit Hydrogen Su Dry-Season V	/isible on A jetated Cor s (B15) ilfide Odor Water Tabl	erial Image ncave Surfa (C1) e (C2)	ry (B7)	<u>Secondarv Ind</u> Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A Microtopo	icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) hic Position (D2) quitard (D3) graphic Relief (D4)
Depth (inches): Remarks: o soil pit due to stand <b>YDROLOGY</b> <b>Vetland Hydrology</b> Primary Indicators (an Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposit Drift Deposits (B3 Algal Mat or Crus Iron Deposits (B3)	ding water interspective Indicators: ny one is sufficient) A1) e (A2) .) its (B2) 3) st (B4) 5) :ks (B6)		Inundation V Sparsely Veg Marl Deposit Hydrogen Su Dry-Season V	/isible on A jetated Cor s (B15) ilfide Odor Water Tabl in in Rema	erial Image ncave Surfa (C1) e (C2)	ry (B7)	<u>Secondarv Ind</u> Water Sta Drainage Oxidized F Presence Salt Depo Stunted o Geomorph Shallow A Microtopo	icators (two or more are required) ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) hic Position (D2) quitard (D3) graphic Relief (D4)

Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:

Yes 

No O

many pools of standing water interspersed w well-vegetated hummocks. shallow soils over cobbles-boulders. old, well vegetated beaver dam at west end of site, incised

Depth (inches): 0

Remarks:

Saturation Present?

(includes capillary fringe)