## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/16/14
Applicant: Enbridge											Pennington
Investigators:	<u> </u>			Subregion (MLRA or LRR): MLRA 56							MN
Soil Unit:	I69A			_			Classification:				
Landform:	Dip				cal Relief:					Sample Point:	w-154n44w33-e1
\ /	0 - 2%		ıde: 48.11				4840000	Datum:		_	
Are climatic/h	nydrologic co	nditions on the site typi	cal for thi	s time of yea	ar? (If no, exp	lain in rema	arks)	Yes	□ No	Section:	
Are Vegetation			nificantly	disturbed?		Are	e normal circum	nstances pr	esent?	Township:	
Are Vegetation	on 🛭 Soil	□, or Hydrology   □at	urally prol	blematic?			Yes	□ No		Range:	Dir:
SUMMARY O	F FINDING:	5									
Hydrophytic \	/egetation P	resent?	Yes		_			Hydric Soi	Is Present?	Yes	
Wetland Hydi	rology Prese	nt?	Yes					Is This Sai	mpling Poir	nt Within A W	etland? <b>Yes</b>
Remarks:	The wetland	sample point is a wet	meadow I	located in a	hayfield ar	nd domin	ated by claspin	ig dogbane	, woolly sec	dge and white	panicled aster.
HYDROLOGY	Y										
		icators (Chack all that	annly: Mir	oimum of on	o primary	or two co	ocondory roquir	.od):			
Primary:	•	icators (Check all that	apply, will	ilitium of on	e primary	OI IWO Se	econdary requir	ed):	Secondary:		
	A1 - Surface \	Nater		П	B11 - Salt (	Crust				<u>.</u> B6 - Surface S	Soil Cracks
_	A2 - High Wa				B13 - Aqua						Vegetated Concave Surface
	A3 - Saturatio				C1 - Hydro				_	B10 - Drainage	
	B1 - Water M	arks			C2 - Dry Se	eason Wa	ter Table				Rhizospheres on Living Roots (tilled)
	B2 - Sedimen	•					spheres on Living	Roots (not till	le 🗆	C8 - Crayfish I	
	B3 - Drift Dep				C4 - Prese						n Visible on Aerial Imagery
	B4 - Algal Ma				C7 - Thin N		ace		<b>☑</b>	D2 - Geomorp D5 - FAC-Neu	
	B5 - Iron Dep	อรแร n Visible on Aerial Imagery	1		Other (Exp	iain)					aved Hummocks (LRR F)
	B9 - Water-St	0 ,	'							D1 - 1103(-1166	avea Hammocks (ERRT)
	20										
Field Observ	vations:										
Surface Wate		Yes □	Donth		(in )						
Water Table			Depth:		_ (in.)			Wetland F	Hydrology	Present?	Υ
		Yes	Depth:		_ (in.)						<del></del>
Saturation Pr	esent?	Yes	Depth:		_ (in.)						
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:											
Remarks: The wetland is located in a dip and has hydrophytic vegetation.											
rtemants.	The welland	d is located in a dip and	nas nydr	ophytic vege	etation.						
rtemants.	The Wetland	d is located in a dip and	nas nydr	ophytic vege	etation.						
SOILS		·	•								
SOILS Profile Descrip	ption (Descri	be to the depth needed	to docum	nent the indi	cator or co						
SOILS Profile Descrip	ption (Descri	·	to docum	nent the indi	cator or co						
SOILS Profile Descrip	ption (Descri	be to the depth needecetion, RM=Reduced Matrix, C	to docum	nent the indi	cator or co	tion: PL=P	ore Lining, M=Matr				
SOILS Profile Descrip (Type: C=Concen	ption (Descri	be to the depth needed etion, RM=Reduced Matrix, C Matrix	to docun	nent the indi //Coated Sand	cator or co Grains; Locat	tion: PL=P	ore Lining, M=Matr	(x)			
SOILS Profile Descrip	ption (Descri	be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist)	to docun CS=Covered %	nent the indi	cator or co Grains; Locat	tion: PL=P	ore Lining, M=Matr		Texture		Remarks
SOILS Profile Descrip (Type: C=Concen	ption (Descri	be to the depth needed etion, RM=Reduced Matrix, C Matrix	to docun	nent the indi //Coated Sand	cator or co Grains; Locat	tion: PL=P	ore Lining, M=Matr	(x)	SCL		Remarks
SOILS Profile Descrip (Type: C=Concen	ption (Descri	be to the depth needed etion, RM=Reduced Matrix, C Matrix Color (Moist)	to docun CS=Covered %	nent the indi //Coated Sand	cator or co Grains; Locat Moist)	tion: PL=P	ore Lining, M=Matr	(x)			Remarks
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7	ption (Descri tration, D=Depl Hue_10YR	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)	to docum CS=Covered % 100	nent the indi //Coated Sand ( Color (	cator or co Grains; Locat Moist)	Mottle %	ore Lining, M=Matr es Type	Location	SCL		Remarks
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7	ption (Descri tration, D=Depl Hue_10YR	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)	to docum CS=Covered % 100	nent the indi //Coated Sand ( Color (	cator or co Grains; Locat Moist)	Mottle %	ore Lining, M=Matr es Type	Location	SCL		Remarks
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7	ption (Descri tration, D=Depl Hue_10YR	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)	to docum CS=Covered % 100	nent the indi //Coated Sand ( Color (	cator or co Grains; Locat Moist)	Mottle %	ore Lining, M=Matr es Type	Location	SCL		Remarks
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7	ption (Descri tration, D=Depl Hue_10YR	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)	to docum CS=Covered % 100	nent the indi //Coated Sand ( Color (	cator or co Grains; Locat Moist)	Mottle %	ore Lining, M=Matr es Type	Location	SCL		Remarks
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21	ption (Descriptration, D=Deplementation, D=Deplementation) Hue_10YR Hue_2.5Y	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1 5/1	% 100 80	Color ( Hue_10YR	Cator or co Grains; Locat Moist) 5/8	Mottle %	es Type C	Location	SCL		Remarks
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7	ption (Descriptration, D=Deplementation, D=Deplementation) Hue_10YR Hue_2.5Y	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1 5/1	% 100 80	nent the indi //Coated Sand ( Color (	Cator or co Grains; Locat Moist) 5/8	Mottle %	ore Lining, M=Matr es Type	Location	SCL SC		
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21	Hue_10YR Hue_2.5Y	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1 5/1	% 100 80	Color ( Hue_10YR	cator or co Grains; Locat Moist)  5/8  not present	Mottle %	es Type C	Location	SCL SC	for Problemation	
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Deplementation, D=	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1  5/1  Indicators (check I	% 100 80	Color ( Hue_10YR  icators are r	cator or co Grains; Local Moist)  5/8  not presented	Mottle %	es Type C	Location	SCL SC Indicators 1 A9 - 1 cm M	luck (LRR I, J)	c Soils <sup>1</sup>
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Deplementation, D=	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1 5/1  Indicators (check I	% 100 80	Color ( Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped	cator or cograins; Locat  Moist)  5/8  not presented a continue of the continu	Mottle % 20	es Type C	Location	Indicators 1 A9 - 1 cm M A16 - Coast	luck (LRR I, J) t Prairie Redox (	c Soils <sup>1</sup> (LRR F, G, H)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	Hue_10YR Hue_2.5Y  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1  5/1  Indicators (check Indicators)	% 100 80	Color ( Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy N	cator or co Grains; Locat Moist)  5/8  not present	Mottle % 20 tt):	es Type C	Location	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S	Muck (LRR I, J) t Prairie Redox ( surface (LRR G)	c Soils <sup>1</sup> (LRR F, G, H)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Deplementation, D=	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1  5/1  Indicators (check In Sulfide	% 100 80	Color (  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy O	cator or co Grains; Local Moist)  5/8  not presentedox Matrix Mucky Minera	Mottle % 20 tt):	es Type C	Location	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F	Muck (LRR I, J) t Prairie Redox ( turface (LRR G) Plains Depressio	c Soils <sup>1</sup> (LRR F, G, H)
Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Deplementation, D=	Matrix Color (Moist)  2/1 5/1  Indicators (check I	% 100 80	Color (  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy C F3 - Depleted	Moist)  5/8  Solve the content of th	Mottle % 20 t):	es Type C	Location	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduce	Muck (LRR I, J) t Prairie Redox ( turface (LRR G) Plains Depression ced Vertic	c Soils <sup>1</sup> (LRR F, G, H)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	Hue_10YR Hue_2.5Y  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mu	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1  5/1  Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH)	% 100 80	Color (  Hue_10YR  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy C F3 - Depleted F6 - Redox D	Moist)  5/8  Solve Matrix Mucky Mineral Gleyed Matrix	Mottle % 20 tt):	es Type C	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F	Muck (LRR I, J) t Prairie Redox ( furface (LRR G) Plains Depression Ced Vertic Parent Material	C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	Hue_10YR Hue_2.5Y  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mu	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1  5/1  Indicators (check In Sulfide Layers (LRR FGH) ck (LRR FGH) d Below Dark Surface	% 100 80	Color (  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy C F3 - Depleted	Moist)  5/8  Tot presented Matrix Mucky Mineral Matrix Mat	Mottle % 20 tt):	es Type C	Location	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	Muck (LRR I, J) t Prairie Redox ( turface (LRR G) Plains Depression ced Vertic	C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Depleteration, D=Depleterati	Matrix Color (Moist)  2/1 5/1  Indicators (check I lipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface	% 100 80	Color (  Hue_10YR  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  5/8  Solveyed Matrix Hucky Mineral Holeyed Matrix Hark Surface Dark Surface Depressions	Mottle % 20 tt):	es Type C	Location	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	Muck (LRR I, J)  t Prairie Redox ( furface (LRR G)  Plains Depression  ced Vertic  Parent Material  7 Shallow Dark S	C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Deplementation, D=	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1  5/1  Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LRR G	% 100 80 here if ind	Color (  Hue_10YR  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  5/8  Solveyed Matrix Hucky Mineral Holeyed Matrix Hark Surface Dark Surface Depressions	Mottle % 20 tt):	es Type C	Location	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	Muck (LRR I, J)  t Prairie Redox ( furface (LRR G)  Plains Depression  ced Vertic  Parent Material  7 Shallow Dark S	C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	Hue_10YR Hue_2.5Y  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu	Matrix Color (Moist)  2/1  5/1  Indicators (check I lipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ark Surface lucky Mineral lucky Peat or Peat (LRR G cky Peat or Peat (LRR F)	% 100 80 here if ind	Color (  Hue_10YR  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  5/8  Solveyed Matrix Hucky Mineral Holeyed Matrix Hark Surface Dark Surface Depressions	Mottle % 20 tt):	es Type C	Location	Indicators of Positive SCL SC  Indicators of Positive SC A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduct TF2 - Red F TF12 - Very Other (Explain Indicators of Positive SCL)  Indicators of Positive SCL	Muck (LRR I, J)  It Prairie Redox ( Furface (LRR G)  Plains Depression  Ced Vertic  Parent Material  If Shallow Dark Shallow Dark Shallow Dark Shallow	C Soils <sup>1</sup> (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Deplementation, D=	Matrix Color (Moist)  2/1  5/1  Indicators (check I lipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ark Surface lucky Mineral lucky Peat or Peat (LRR G cky Peat or Peat (LRR F)	% 100 80 here if ind	Color (  Hue_10YR  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  5/8  Solveyed Matrix Hucky Mineral Holeyed Matrix Hark Surface Dark Surface Depressions	Mottle % 20 tt):	es Type C	Location	Indicators of Positive SCL SC  Indicators of Positive SC A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduct TF2 - Red F TF12 - Very Other (Explain Indicators of Positive SCL)  Indicators of Positive SCL	Muck (LRR I, J) t Prairie Redox ( furface (LRR G) Plains Depression ced Vertic Parent Material of Shallow Dark S ain in Remarks)	c Soils <sup>1</sup> (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	Hue_10YR Hue_2.5Y  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu	Matrix Color (Moist)  2/1  5/1  Indicators (check I lipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ark Surface lucky Mineral lucky Peat or Peat (LRR G cky Peat or Peat (LRR F)	% 100 80 here if ind	Color (  Hue_10YR  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  5/8  Solveyed Matrix Hucky Mineral Holeyed Matrix Hark Surface Dark Surface Depressions	Mottle % 20 tt):	es Type C	Location	Indicators of Positive SCL SC  Indicators of Positive SC A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduct TF2 - Red F TF12 - Very Other (Explain Indicators of Positive SCL)  Indicators of Positive SCL	Muck (LRR I, J)  It Prairie Redox ( Furface (LRR G)  Plains Depression  Ced Vertic  Parent Material  If Shallow Dark Shallow Dark Shallow Dark Shallow	c Soils <sup>1</sup> (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	Hue_10YR Hue_2.5Y  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G	Matrix Color (Moist)  2/1  5/1  Indicators (check I lipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ark Surface lucky Mineral lucky Peat or Peat (LRR G cky Peat or Peat (LRR F)	% 100 80 here if ind	Color (  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High Pl	Moist)  5/8  Tot present  edox Matrix Mucky Minera Bleyed Matrix	Mottle % 20 tt):	es Type C  RA 72, 73 of LRR	Location	Indicators of A9 - 1 cm MA16 - Coast S7 - Dark SF16 - High FF18 - Reduct TF2 - Red FTF12 - Very Other (Explain Indicators of Funless disturbed)	Muck (LRR I, J)  It Prairie Redox ( Furface (LRR G)  Plains Depression  Ced Vertic  Parent Material  If Shallow Dark Shallow Dark Shallow Dark Shallow	c Soils <sup>1</sup> (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descrip (Type: C=Concen  Depth (In.) 0-7 7-21  NRCS Hydri	htration, D=Depleteration, D=Depleterati	be to the depth needed etion, RM=Reduced Matrix, Color (Moist)  2/1  5/1  Indicators (check In Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface sucky Mineral ducky Peat or Peat (LRR G) cky Peat or Peat (LRR F) leyed Matrix	% 100 80 ere if ind	Color (  Hue_10YR  icators are r  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High Pl	Moist)  5/8  Tot present  edox  Matrix Mucky Minera Bleyed Matrix Matrix Dark Surface	Mottle % 20 t):	es Type C RA 72, 73 of LRR	Location  M  H)	Indicators of A9 - 1 cm MA16 - Coast S7 - Dark SF16 - High FF18 - Reduct TF2 - Red FTF12 - Very Other (Explain Indicators of Funless disturbed)  Y	Muck (LRR I, J) t Prairie Redox ( furface (LRR G) Plains Depression ced Vertic Parent Material of Shallow Dark Stain in Remarks) hydrophytic vegetated or problematic.	c Soils <sup>1</sup> (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface

## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-154n44w33-e1
VEGETATION (		re non-native	species.)		
Tree Stratum (	(Plot size: 30 ft. radius) Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.	<u> </u>	<u>70 0010.</u>	<u> </u>	<u></u>	
2.					Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)
3.					
4.					Total Number of Dominant Species Across All Strata: 2 (B)
5.					
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.					
8.					Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.	Total Cavar				OBL spp. $\frac{50}{100} \times 1 = \frac{50}{100}$
	Total Cover =	= 0	FACW spp. 25		
Cooling/Chrub (	Stratum (Plataiza: 15 ft radius)				FAC spp. $\frac{30}{20}$ $\times 3 = \frac{90}{20}$
Sapling/Shrub 3	Stratum (Plot size: 15 ft. radius)				$\begin{array}{cccccccccccccccccccccccccccccccccccc$
2.					- σε ε σρεί - σε
3.					Total 135 (A) 310 (B)
4.					- Total 100 (7)
5.					Prevalence Index = B/A = 2.296
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
	Total Cover =	0			X Prevalence Index is ≤ 3.0 *
					Morphological Adaptations (Explain) *
Herb Stratum (	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Carex pellita	50	Υ	OBL	
2.	Apocynum cannabinum	30	Υ	FAC	* Indicators of hydric soil and wetland hydrology must be
3.	Symphyotrichum lanceolatum	25	N	FACW	present, unless disturbed or problematic.
4.	Cirsium arvense	15	N	FACU	Definitions of Vegetation Strata:
5.	Elymus repens	15	N	FACU	_
6					<b>Tree -</b> Woody plants 3 in. (7.6cm) or more in diameter at breast
7.					height (DBH), regardless of height.
8.					O - 12 - 101 - 1 Weady plants less than 2 in DRH, regardless of height
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					4
11.					Herb - All herbaceous (non-woody) plants, regardless of size.
12. 13.					Herb - All Herbacedas (Herr weedy) plants, regardless of size.
14.					-
15.					Woody Vines - All woody vines, regardless of height.
10.	Total Cover =	135			• • • • • • • • • • • • • • • • • • •
	Total Gover =	100	_		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.	Tatam (Fiot Size: Oo It. Tadias)				
2.					
3.					Hydrophytic Vegetation Present? Y
5.					
4.					
	Total Cover =	- 0			
Remarks:	The wetland sample point is dominated by o	clasping do	gbane and	woolly se	edge with white panicled aster also prevalent.
Additional R	Remarks:				