## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date: County:	09/25/14
Applicant: Enbridge											Pennington
Investigators				Subregion (MLRA or LRR): MLRA 56						State:	MN
Soil Unit:	NWI Classific   Depression   Local Relief: LC									- Camarda Bainte	w 454n44w24 a4
Landform:	Depression 0 - 2%	Lotitude	e: 48.10		Longitude:		107	Dotum		Sample Point:	w-154n44w34-g1
Slope (%):		nditions on the site typica						Datum: ☑ Yes	□ No	Section:	
Are Vegetation		□, or Hydrology □signi			iii (ii iio, exp		e normal circum			Township:	
Are Vegetation			•	blematic?		/ (10	✓ Yes		Joont:	Range:	Dir:
SUMMARY C			any pro	orornado.			_ 100	_ 110		rtarigo.	5
Hydrophytic \			Hydric Soils Present					? Yes			
Wetland Hyd	_	Yes				Is This Sampling Point Within A Wetland? Yes					
Remarks: A swale running into an open water feature north of the survey corridor. The swale is mostly a wet meadow community dominated by reed canary grass, slough sedge, and prairie cordgrass but in the lowest part of some stretches it appears more like a shallow marsh (but not enough area to justify distinguishing the communities). All parameters of wetland conditions are met.											
	lowest part of s	ome stretches it appears more	like a sha	allow marsh (but	not enough	area to jus	stify distinguishing t	the communitie	es). All parame	eters of wetland c	onditions are met.
<b>HYDROLOG</b>	Y										
Wetland Hy	drology Indi	cators (Check all that ap	ply; Mi	nimum of one	e primary	or two se	econdary requi	red):			
Primary:	• • •	`	1 37		,		, ,	,	Secondary	<u>:</u>	
	A1 - Surface \				B11 - Salt (				✓	B6 - Surface S	
	A2 - High Wat A3 - Saturatio				B13 - Aqua C1 - Hydro				☑	B8 - Sparsely \ B10 - Drainage	/egetated Concave Surface
	B1 - Water Ma				C2 - Dry Se						Rhizospheres on Living Roots (tilled)
	B2 - Sedimen						spheres on Living	Roots (not tille	• -	C8 - Crayfish E	
	B3 - Drift Dep				C4 - Prese						Visible on Aerial Imagery
<b>☑</b>	B4 - Algal Mat B5 - Iron Depo				C7 - Thin M		ace		<b>☑</b>	D2 - Geomorph D5 - FAC-Neut	
	•	ก Visible on Aerial Imagery			Other (Exp	iaii i)					ived Hummocks (LRR F)
	B9 - Water-St	•									(,
Field Observ	vations:										
Surface Wate		Yes	Depth:		(in.)			Wetland H	lvdrology	Present?	Υ
Water Table		Yes	Depth:		(in.)			Trotiana n	.ya.o.ogy		<u> </u>
Saturation Pr	resent?	Yes	Depth:		(in.)						
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:											
Remarks: Throughout the wetland are open areas that are sparsely vegetated and have a cracking soil surface with a dried algal crust. Indicators of wetland hydrology											
r torriarito.	Throughout	the wetland are open are	eas that	are sparsely	vegetate	d and ha	ve a cracking	soil surface	with a dried	d algal crust.	Indicators of wetland hydrology
	are present.		eas that	are sparsely	vegetate	d and ha	ive a cracking s	soil surface	with a dried	d algal crust.	Indicators of wetland hydrology
SOILS	are present.								with a dried	d algal crust.	Indicators of wetland hydrology
SOILS Profile Descri	are present.	be to the depth needed to	o docun	nent the indic	cator or co	onfirm the	e absence of in	idicators.)	with a dried	d algal crust.	Indicators of wetland hydrology
SOILS Profile Descri	are present.		o docun	nent the indic	cator or co	onfirm the	e absence of in	idicators.)	with a dried	d algal crust.	Indicators of wetland hydrology
SOILS Profile Descri	are present.	be to the depth needed to	o docun	nent the indic	cator or co	onfirm the	e absence of in ore Lining, M=Matr	idicators.)	with a dried	d algal crust.	Indicators of wetland hydrology
SOILS Profile Descri	are present. iption (Descri	be to the depth needed to testion, RM=Reduced Matrix, CS:	o docun	nent the indic	cator or co Grains; Locat	onfirm the	e absence of in ore Lining, M=Matr	idicators.)	with a dried	d algal crust.	Indicators of wetland hydrology  Remarks
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6	are present. iption (Descri	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1	% 100	nent the indic Coated Sand C	cator or co Grains; Locat Moist)	onfirm the ion: PL=Pe Mottle %	e absence of in ore Lining, M=Matr es Type	Location	Texture C	d algal crust.	
SOILS Profile Descri (Type: C=Concer	are present. iption (Descri	be to the depth needed to etion, RM=Reduced Matrix, CS: Matrix Color (Moist)	o docun =Covered %	Color (N	Cator or co Grains; Locat Moist)	onfirm the ion: PL=Pe	e absence of in ore Lining, M=Matr es Type C	Location			
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18	are present. iption (Descrintration, D=Depleted) Hue_10YR Hue_2.5Y	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1	% 100 85	nent the indic Coated Sand C	cator or co Grains; Locat Moist)	onfirm the ion: PL=Pe Mottle %	e absence of in ore Lining, M=Matr es Type	Location	Texture C C	with pebbles with pebbles	Remarks
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6	are present. iption (Descri	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1	% 100	Color (N	Cator or co Grains; Locat Moist)	onfirm the ion: PL=Pe	e absence of in ore Lining, M=Matr es Type C	Location	Texture C	with pebbles	Remarks
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18	are present. iption (Descrintration, D=Depleted) Hue_10YR Hue_2.5Y	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1	% 100 85	Color (N	Cator or co Grains; Locat Moist)	onfirm the ion: PL=Pe	e absence of in ore Lining, M=Matr es Type C	Location	Texture C C	with pebbles with pebbles	Remarks
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18	are present. iption (Descrintration, D=Deplete Hue_10YR Hue_2.5Y	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1  2.5Y 9/1	% 100 85	Color (Number 104)  Hue_2.5Y  Hue_10YR	Moist)  5/4 6/8	Mottle 5	e absence of incore Lining, M=Matrees  Type  C  C	Location	Texture C C	with pebbles with pebbles	Remarks
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18	are present. iption (Descrintration, D=Depleted) Hue_10YR Hue_2.5Y	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1  2.5Y 9/1	% 100 85	Color (N	Moist)  5/4 6/8	Mottle 5	e absence of in ore Lining, M=Matr es Type C	Location	Texture C C C OT	with pebbles with pebbles Scattered CaCO3	Remarks
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1  2.5Y 9/1	% 100 85	Color (Note 10)  Hue_2.5Y Hue_10YR  licators are n	Moist)  5/4 6/8  ot present	Mottle 5	e absence of incore Lining, M=Matrees  Type  C  C	Location  M M	Texture C C C OT	with pebbles with pebbles Scattered CaCO3	Remarks
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18	are present. iption (Descrintration, D=Deplete Hue_10YR Hue_2.5Y	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1  2.5Y 9/1  Indicators (check he	% 100 85	Color (Number 104)  Hue_2.5Y  Hue_10YR	cator or co Grains; Locat Moist)  5/4  6/8  ot present	Mottle 5	e absence of incore Lining, M=Matrees  Type  C  C	Location  M M	Texture C C C OT Indicators A9 - 1 cm N	with pebbles with pebbles Scattered CaCO3	Remarks  concentrations  Soils <sup>1</sup>
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist) 2/1 5/1  2.5Y 9/1  Indicators (check head pedon tic	% 100 85	Color (No. 100)  Color (No. 100)  Hue_2.5Y  Hue_10YR  Stock of the indicator of the indicat	doist)  5/4 6/8  ot presentedox Matrix ucky Minera	Mottle % 5 5 t):	e absence of incore Lining, M=Matrees  Type  C  C	Location  M M	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S	with pebbles with pebbles Scattered CaCO3  for Problematic Muck (LRR I, J) t Prairie Redox ( Surface (LRR G)	Remarks  concentrations  Soils¹  LRR F, G, H)
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1  2.5Y 9/1  Indicators (check he pedon tic of Sulfide	% 100 85  re if ind	Color (Note that I was a second of the color	Moist)  5/4 6/8  ot presentedox Matrix ucky Mineraleyed Matrix	Mottle % 5 5 t):	e absence of incore Lining, M=Matrees  Type  C  C	Location  M  M	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High	with pebbles with pebbles Scattered CaCO3  for Problematic Muck (LRR I, J) t Prairie Redox ( Surface (LRR G) Plains Depression	Remarks  concentrations  Soils <sup>1</sup>
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black Hist A4 - Hydroger A5 - Stratified	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist) 2/1 5/1  2.5Y 9/1  Indicators (check he pedon tic in Sulfide Layers (LRR F)	% 100 85  re if ind	Color (No. 100)  Color (No. 100)  Hue_2.5Y  Hue_10YR  Solution are not seen are not	Moist)  5/4 6/8  ot presentedox Matrix ucky Mineraleyed Matrix Matrix	Mottle % 5 5 t):	e absence of incore Lining, M=Matrees  Type  C  C	Location  M  M	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High I F18 - Redu	with pebbles with pebbles  Scattered CaCO3  for Problematic Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression	Remarks  concentrations  Soils¹  LRR F, G, H)
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mue	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist) 2/1 5/1  2.5Y 9/1  Indicators (check he pedon tic in Sulfide Layers (LRR F)	% 100 85  re if ind	Color (Note that I was a second of the color	Moist)  5/4 6/8  ot present edox Matrix ucky Mineral leyed Matrix Matrix ark Surface	Mottle % 5 5 t):	e absence of incore Lining, M=Matrees  Type  C  C	Location  M  M	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F	with pebbles with pebbles Scattered CaCO3  for Problematic Muck (LRR I, J) t Prairie Redox ( Surface (LRR G) Plains Depression	Remarks  concentrations  Soils  LRR F, G, H)  Ons (LRR H, outside MLRA 72, 73)
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D	Matrix Color (Moist)  2/1  5/1  2.5Y 9/1  Indicators (check he layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface eark Surface	% 100 85 5	Color (Note that I was a second of the color	doist)  5/4 6/8  ot present edox Matrix ucky Minera leyed Matrix Matrix ark Surface Dark Surface pressions	Mottle % 5 5 t):	e absence of inore Lining, M=Matrees  Type  C C	Location  M M ————————————————————————————————	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very	with pebbles with pebbles  Scattered CaCO3  For Problemation Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression ced Vertic Parent Material	Remarks  concentrations  Soils  LRR F, G, H)  Ons (LRR H, outside MLRA 72, 73)
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D S1 - Sandy M	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix  Color (Moist)  2/1  5/1  2.5Y 9/1  Indicators (check he bedon tic on Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ark Surface ark Surface ark Surface ark Surface ark Mineral	% 100 85 5	Color (Note that I was a second of the color	doist)  5/4 6/8  ot present edox Matrix ucky Minera leyed Matrix Matrix ark Surface Dark Surface pressions	Mottle % 5 5 t):	e absence of incore Lining, M=Matrees  Type  C  C	Location  M M ————————————————————————————————	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very	with pebbles with pebbles  Scattered CaCO3  For Problematic Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S	Remarks  concentrations  Soils  LRR F, G, H)  Ons (LRR H, outside MLRA 72, 73)
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mue A11 - Deplete A12 - Thick D S1 - Sandy Mi S2 - 2.5 cm M	be to the depth needed to etion, RM=Reduced Matrix, CS:  Matrix Color (Moist)  2/1  5/1  2.5Y 9/1  Indicators (check here)  pedon tic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ark Surface ark Surface ark y Mineral ucky Peat or Peat (LRR G, H	% 100 85 5	Color (Note that I was a second of the color	doist)  5/4 6/8  ot present edox Matrix ucky Minera leyed Matrix Matrix ark Surface Dark Surface pressions	Mottle % 5 5 t):	e absence of inore Lining, M=Matrees  Type  C C	Location  M M ————————————————————————————————	Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very Other (Expl	with pebbles with pebbles  Scattered CaCO3  For Problemation Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks  concentrations  Soils¹  LRR F, G, H)  ons (LRR H, outside MLRA 72, 73)  Surface
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mue A11 - Deplete A12 - Thick D S1 - Sandy Mi S2 - 2.5 cm M	Matrix Color (Moist) 2/1 5/1  2.5Y 9/1  Indicators (check here) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral ucky Peat or Peat (LRR G, Here) cky Peat or Peat (LRR F)	% 100 85 5	Color (Note that I was a second of the color	doist)  5/4 6/8  ot present edox Matrix ucky Minera leyed Matrix Matrix ark Surface Dark Surface pressions	Mottle % 5 5 t):	e absence of inore Lining, M=Matrees  Type  C C	Location  M M ————————————————————————————————	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High F18 - Reduct TF2 - Red F TF12 - Very Other (Expl	with pebbles with pebbles  Scattered CaCO3  For Problemation Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks  concentrations  Soils  LRR F, G, H)  Ons (LRR H, outside MLRA 72, 73)
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D S1 - Sandy Mi S2 - 2.5 cm M S3 - 5 cm Muc	Matrix Color (Moist) 2/1 5/1  2.5Y 9/1  Indicators (check here) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral ucky Peat or Peat (LRR G, Here) cky Peat or Peat (LRR F)	% 100 85 5	Color (Note that I was a second of the color	doist)  5/4 6/8  ot present edox Matrix ucky Minera leyed Matrix Matrix ark Surface Dark Surface pressions	Mottle % 5 5 t):	e absence of inore Lining, M=Matrees  Type  C C	Location  M M ————————————————————————————————	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High F18 - Reduct TF2 - Red F TF12 - Very Other (Expl	with pebbles with pebbles  Scattered CaCO3  For Problemation Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks  concentrations  Soils¹  LRR F, G, H)  ons (LRR H, outside MLRA 72, 73)  Surface
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  NRCS Hydr	Hue_10YR Hue_2.5Y  WP  Tic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Muc S4 - Sandy Gl	Matrix Color (Moist) 2/1 5/1  2.5Y 9/1  Indicators (check here) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral ucky Peat or Peat (LRR G, Here) cky Peat or Peat (LRR F)	% 100 85 5	Color (Note that I was a second of the color	doist)  5/4 6/8  ot present edox Matrix ucky Minera leyed Matrix Matrix ark Surface Dark Surface pressions	Mottle % 5 5 t):	e absence of incore Lining, M=Matrees  Type  C C C	Location  M  M  H  Continue  Continu	Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very Other (Expl	with pebbles with pebbles  Scattered CaCO3  For Problemation Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks  concentrations  Soils¹  LRR F, G, H)  ons (LRR H, outside MLRA 72, 73)  Surface
SOILS Profile Descri (Type: C=Concer  Depth (In.) 0-6 6-18  6-18  NRCS Hydr	are present.  Iption (Descriptration, D=Depleted intration, D=Depl	Matrix Color (Moist) 2/1 5/1  2.5Y 9/1  Indicators (check here) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral ucky Peat or Peat (LRR G, Here) cky Peat or Peat (LRR F)	% 100 85 5 COVERED COV	Color (Note that I was a second of the color	Aoist)  5/4 6/8  ot present edox Matrix ucky Minera leyed Matrix Matrix ark Surface Dark Surfa epressions ains Depres	Mottle % 5 5 t):	e absence of interesting methods and session control c	Location  M M  H  H  H  H  H  H  H  H  H  H  H	Texture C C C OT  Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very Other (Expl	with pebbles with pebbles  Scattered CaCO3  For Problemation Muck (LRR I, J) t Prairie Redox (Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S ain in Remarks)  hydrophytic vegetationed or problematic.	Remarks  concentrations  Soils¹  LRR F, G, H)  Ons (LRR H, outside MLRA 72, 73)  Surface  ion and wetland hydrology must be present,

## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-154n44w34-g1
					<u> </u>
<b>VEGETATIO</b>	N (Species identified in all uppercase a	are non-native	e species.)		
Tree Stratum	(Plot size: 30 ft. radius)				
	Species Name	% Cover	<b>Dominant</b>	Ind.Status	Dominance Test Worksheet
1.					
2.					Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)
3.		1			
4.					Total Number of Dominant Species Across All Strata: 2 (B)
5.		1			`` ′
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.					(7, 12)
8.	<u></u>				Prevalence Index Worksheet
					4
9.					Total % Cover of: Multiply by:
10.	Tatal Causa				OBL spp. 38
	Total Cover	= 0	FACW spp. $50$		
					FAC spp. $\begin{array}{c cccc} & 1 & & x & 3 = & & 3 \\ \hline FACU spp. & 0 & & x & 4 = & & 0 \\ \hline \end{array}$
	Stratum (Plot size: 15 ft. radius)				FACU spp. $0 \times 4 = 0$
1.					UPL spp. $0   x   5 = 0$
2.					
3.					Total <u>89</u> (A) <u>141</u> (B)
4.					
5.					Prevalence Index = B/A = 1.584
6.		1			
7.					
8.		1			Hydrophytic Vegetation Indicators:
9.		_			Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
10.	_ı Total Cover :	= 0			X Prevalence Index is ≤ 3.0 *
	Total Cover				
					Morphological Adaptations (Explain) *
Herb Stratum (	Plot size: 5 ft. radius)			E 4 0) 4 /	Problem Hydrophytic Vegetation (Explain) *
1.	Phalaris arundinacea	30	Y	FACW	
2.	Carex atherodes	30	Υ	OBL	* Indicators of hydric soil and wetland hydrology must be
3.	Spartina pectinata	10	N	FACW	present, unless disturbed or problematic.
4.	Symphyotrichum lanceolatum	5	N	FACW	Definitions of Vegetation Strata:
5.	Euthamia graminifolia	5	N	FACW	
6	Juncus nodosus	3	N	OBL	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast
7.	Beckmannia syzigachne	3	N	OBL	height (DBH), regardless of height.
8.	Alisma triviale	2	N	OBL	
9.	Echinochloa crus-galli	1	N	FAC	Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.	Lorin corned orde gain	<u> </u>		1710	
11.					
12.		1			Herb - All herbaceous (non-woody) plants, regardless of size.
	<u> </u>	1			Herb = 74ii Herbaccous (Horr Woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover:	= 89			
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present? Y
5.					
4.	<u>'</u>	1			
<del></del>	Total Cover:	= 0			
Domorko			tod field le	ading to a	nend. The community is deminated by slough codes and road concerv gross, with
Remarks:	the contract of the contract o	•		_	pond. The community is dominated by slough sedge and reed canary grass, with
	prairie coragrass, mixea rusnes, slough gra	ass, and yell	iow cress a	abundant (	on the banks (outside the sample plot). Hydrophytic vegetation is present.
Additional F	Remarks:				