WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R									Date:	08/01/14	
Applicant:		Enbridge					<i>.</i>		-		County:	Marshall	
Investigators:				Subregion (MLRA or LRR): MLRA 56						State: MN			
Soil Unit:	NWI Classification:								l Constant	w 457547w26 b4			
Landform:	Talf 0 - 2%		Latitude: 48.	2702209		cal Relief: Longitude:		5716667	Dotum		Sample Point:	w-157n47w36-b1	
Slope (%):		nditions on the site							Datum:	□ No	Section:		
Are Vegetation		□, or Hydrology				ii: (ii no, exp		normal circum			1		
Are Vegetation				-			AIC	✓ Yes		cociii:	Township: Range:	Dir:	
SUMMARY O	•	, ,	Hatarany p	JODICITIE	atio:			E 163	□ 1 1 0		range.	Dii.	
Hydrophytic V			Yes	2					Hydric Soi	ls Present?	Yes		
Wetland Hydr			Yes								nt Within A We	etland? Yes	
Remarks:		point is located in			w domi	nated by re	eed cana	arv grass.	10 11110 C al	npinig i on		Sharra. 100	
. tomanto	ine campie	point io ioodica ii.	i a noon no					ary gracer					
HYDROLOGY	1												
		cators (Check all	that apply:	Minimur	m of one	a primary (or two so	condary requir	.od):				
Primary:		Cators (Check all	шагарріу,	wiii iii ii ui	II OI OII	e primary (or two se	condary requir	eu).	Secondary:			
<u>- 1 1111 c.r.y.</u>	A1 - Surface V	Vater				B11 - Salt C	Crust				B6 - Surface S	oil Cracks	
V	A2 - High Wat	er Table				B13 - Aqua						egetated Concave Surface	
V	A3 - Saturation					C1 - Hydrog					B10 - Drainage		
	B1 - Water Ma B2 - Sediment					C2 - Dry Se		er Table pheres on Living	Poots (not till	, –	C3 - Oxidized F C8 - Crayfish E	Rhizospheres on Living Roots (tille	ed)
	B3 - Drift Depo	•				C4 - Preser			Roots (not till	, –		Visible on Aerial Imagery	
	B4 - Algal Mat					C7 - Thin M				_	D2 - Geomorph		
	B5 - Iron Depo	osits				Other (Expl	ain)			✓	D5 - FAC-Neut		
		n Visible on Aerial Im	agery								D7 - Frost-Hea	ved Hummocks (LRR F)	
	B9 - Water-St	ained Leaves											
Field Observ	vations:												
Surface Wate		Yes □	Do	pth:		(in)							
Water Table I		Yes □ Yes ☑		pth: pth:	7	(in.) (in.)			Wetland F	lydrology	Present?	Υ	
					^	` '						_	
Saturation Present? Yes Depth: 0 (in.)													
							(')						
	·	tream gauge, moni	toring well, a	aerial pho		evious insp							
	·		toring well, a	aerial pho		evious insp							
Remarks:	·	tream gauge, moni	toring well, a	aerial pho		evious insp							
Remarks:	A high water	tream gauge, moni table is present a	toring well, a	aerial pho saturation	on is pro	evious inspensent at the	e surface	е.	dicators)				
Remarks: SOILS Profile Descrip	A high water	tream gauge, moni	toring well, and to do	aerial pho saturation	on is pro	evious inspenses at the cator or co	e surface	e. e absence of in					
Remarks: SOILS Profile Descrip	A high water	tream gauge, moning table is present a contract to the depth ne	toring well, and to do	aerial pho saturation	on is pro	evious inspenses at the cator or co	e surface	e. e absence of in					
Remarks: SOILS Profile Descrip	A high water	tream gauge, moning table is present a contract to the depth ne	toring well, and to do	aerial pho saturation	on is pro	evious inspenses at the cator or co	e surface	e. e absence of in ore Lining, M=Matr					
Remarks: SOILS Profile Descrip	A high water	tream gauge, monitive table is present a contract to the depth nection, RM=Reduced Marketion, RM=Reduced Marketion, RM=Reduced Marketion, RM=Reduced Marketion, RM=Reduced Marketion, RM=Reduced Marketion, RM=Reduced Marketical Reduced Marketical Reduced Marketical Reduced Marketical Reduced Marketical Reduced Marketical Reduced Reduc	eded to docatrix, CS=Cove	saturation	on is pro	evious inspensement at the cator or co	e surface	e. e absence of in ore Lining, M=Matr		Texture		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concen	A high water	tream gauge, monitor table is present a presen	eeded to docatrix, CS=Cove	saturation cument tered/Coate	che indiced Sand C	evious inspensement at the cator or co	e surface onfirm the ion: PL=Po	e absence of in ore Lining, M=Matr	ix)	Texture SCL		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent	A high water	tream gauge, monitor table is present at table is present at table to the depth negation, RM=Reduced Matrix Color (Moist) 2/1	eded to docatrix, CS=Cove	cument to ered/Coate	che indiced Sand C	evious inspensement at the cator or co	e surface onfirm the ion: PL=Po	e absence of in ore Lining, M=Matr	ix)			Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14	A high water ption (Descriptration, D=Deple	tream gauge, monitor table is present at table is present at table to the depth negation, RM=Reduced Matrix Color (Moist) 2/1	eeded to docatrix, CS=Cove	cument tered/Coate	the indiced Sand C	evious inspensement at the cator or coerains; Location Moist)	onfirm the	e absence of in ore Lining, M=Matr es Type	Location	SCL		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 17-28	A high water ption (Descriptration, D=Depleter) Hue_10YR Hue_10YR	tream gauge, monitor table is present at table is present at table to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 2/1	eeded to docatrix, CS=Cove	cument tered/Coate	the indicated Sand Color (N	evious inspersent at the cator or coerains; Location Moist)	e surface onfirm the ion: PL=Po Mottle	e absence of in ore Lining, M=Matri es Type	Location	SCL SCL		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 17-28	A high water ption (Descriptration, D=Depleter) Hue_10YR Hue_10YR	tream gauge, monitor table is present at table is present at table to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 2/1	eeded to docatrix, CS=Cove	cument tered/Coate	the indicated Sand Color (N	evious inspersent at the cator or coerains; Location Moist)	e surface onfirm the ion: PL=Po Mottle	e absence of in ore Lining, M=Matri es Type	Location	SCL SCL		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 17-28	A high water ption (Descriptration, D=Depleter) Hue_10YR Hue_10YR	tream gauge, monitor table is present at table is present at table to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 2/1	eeded to docatrix, CS=Cove	cument tered/Coate	the indicated Sand Color (N	evious inspersent at the cator or coerains; Location Moist)	e surface onfirm the ion: PL=Po Mottle	e absence of in ore Lining, M=Matri es Type	Location	SCL SCL		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 17-28	A high water ption (Descriptration, D=Depleter Hue_10YR Hue_10YR Hue_2.5Y	tream gauge, monitor table is present at table	eeded to docatrix, CS=Cove	cument tered/Coate	che indiced Sand Color (N	evious inspersent at the cator or coerains; Location Moist) 4/1 5/6	Mottle	e absence of in ore Lining, M=Matri es Type	Location	SCL SCL		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 17-28 28-35	A high water ption (Descriptration, D=Depleter Hue_10YR Hue_10YR Hue_2.5Y	tream gauge, monitor table is present at table	eeded to docatrix, CS=Cove	cument tered/Coate	che indiced Sand Color (N	evious inspersent at the cator or coerains; Location Moist) 4/1 5/6	Mottle	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL	for Problematic		
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol	tream gauge, monitor table is present at table	eeded to docatrix, CS=Cove	cument to ered/Coate 60 Hue 10 Hue 11 Indicator	che indiced Sand Color (No. 2.5Y) rs are no Sandy Re	evious inspersent at the cator or coerains; Location Moist) 4/1 5/6 ot present	Mottle	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL SCL Indicators 1	luck (LRR I, J)	: Soils¹	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi	tream gauge, monitor table is present at table	eeded to docatrix, CS=Cove	cument to ered/Coate % 00 80 Hue 18 Hue 1 S5 - 3 1 S6 - 3	che indiced Sand Color (No. 2.5Y) rs are no Sandy Re Stripped	evious inspersent at the cator or coerains; Location Moist) 4/1 5/6 ot present edox Matrix	mfirm the ion: PL=Po Mottle % 20 2	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL SCL Indicators 1 A9 - 1 cm M A16 - Coast	luck (LRR I, J) Prairie Redox (: Soils¹	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His	tream gauge, monitor table is present at table	eeded to docatrix, CS=Cove	cument to ered/Coate 600 Hue indicator 55 - 3 56 - 3 F1 - L	che indiced Sand Color (No. 2.5Y) The indiced Sand	evious inspersent at the cator or coerains; Location of Location o	Mottle 20 2	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL SCL Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S	luck (LRR I, J) Prairie Redox (urface (LRR G)	: Soils ¹ LRR F, G, H)	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger	tream gauge, monitor table is present at table	eeded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F2 - L	che indiced Sand Color (No. 2.5Y) The same of the indiced Sand Color (No. 2.5Y) The same of the indiced Sand Color (No. 2.5Y) The same of the indiced Sandy Rosents are of the indiced Sandy Rosent	evious inspersent at the cator or coefficients; Location of Coefficien	Mottle 20 2	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL SCL Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressio	: Soils¹	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger	tream gauge, monitor table is present at table	eeded to docatrix, CS=Cove	aerial pho saturations cument to ered/Coate 600 Hue 18 Hue indicator 55 - 3 56 - 3 56 - 3 57 - 1	che indiced Sand Color (National Sandy Resident San	evious inspersent at the cator or coefficients; Location of Coefficien	Mottle 20 2	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL SCL Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduce	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressio	: Soils ¹ LRR F, G, H)	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted	tream gauge, monitor table is present at table	eded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F3 - E F7 - E F7 - E	che indiced Sand Color (No. 2.5Y) The same of the indiced Sand Color (No. 2.5Y) The same of the indiced Sand Color (No. 2.5Y) The same of the indiced Sand Sandy Research Sandy Researc	evious inspersent at the cator or coefficients; Location Moist) 4/1 5/6 ot present edox Matrix lucky Mineral leyed Matrix Matrix ark Surface Dark Surface	mfirm the ion: PL=Po	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression Ced Vertic Parent Material Shallow Dark S	: Soils ¹ LRR F, G, H) ons (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted A12 - Thick Da	tream gauge, monitor table is present at table	eded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F2 - L F3 - E F8 - F F8 - F8 -	che indiced Sand Codor (No. 2.5Y) The indiced Sand	evious inspersent at the cator or coerains; Location of Coerains; Location of Present edox Matrix lucky Mineral leyed Matrix Matrix eark Surface pressions	Mottle % 20 2	e absence of inore Lining, M=Matrices Type C	Location	SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression Parent Material	: Soils ¹ LRR F, G, H) ons (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted A12 - Thick Da S1 - Sandy Mu	tream gauge, monitor table is present at table	eded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F2 - L F3 - E F8 - F F8 - F8 -	che indiced Sand Codor (No. 2.5Y) The indiced Sand	evious inspersent at the cator or coerains; Location of Coerains; Location of Present edox Matrix lucky Mineral leyed Matrix Matrix eark Surface pressions	Mottle % 20 2	e absence of in ore Lining, M=Matri es Type D C	Location	SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression Ced Vertic Parent Material Shallow Dark S	: Soils ¹ LRR F, G, H) ons (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_2.5Y Ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted A12 - Thick Da S1 - Sandy Mu S2 - 2.5 cm M	tream gauge, monitor table is present at table	eded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F2 - L F3 - E F8 - F F8 - F8 -	che indiced Sand Codor (No. 2.5Y) The indiced Sand	evious inspersent at the cator or coerains; Location of Coerains; Location of Present edox Matrix lucky Mineral leyed Matrix Matrix eark Surface pressions	Mottle % 20 2	e absence of inore Lining, M=Matrices Type C	Location	SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks)	ESoils ¹ LRR F, G, H) PINS (LRR H, outside MLRA 72, 73) urface	ent.
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_2.5Y Ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted A12 - Thick Da S1 - Sandy Mu S2 - 2.5 cm M	tream gauge, monitor table is present at table	eded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F2 - L F3 - E F8 - F F8 - F8 -	che indiced Sand Codor (No. 2.5Y) The indiced Sand	evious inspersent at the cator or coerains; Location of Coerains; Location of Present edox Matrix lucky Mineral leyed Matrix Matrix eark Surface pressions	Mottle % 20 2	e absence of inore Lining, M=Matrices Type C	Location	SCL SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks)	: Soils ¹ LRR F, G, H) ons (LRR H, outside MLRA 72, 73)	ent,
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted A12 - Thick Da S1 - Sandy Mu S2 - 2.5 cm Mu S3 - 5 cm Muc	tream gauge, monitor table is present at table	eded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F2 - L F3 - E F8 - F F8 - F8 -	che indiced Sand Codor (No. 2.5Y) The indiced Sand	evious inspersent at the cator or coerains; Location of Coerains; Location of Present edox Matrix lucky Mineral leyed Matrix Matrix eark Surface pressions	Mottle % 20 2	e absence of inore Lining, M=Matrices Type C	Location	SCL SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	Juck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks)	ESoils ¹ LRR F, G, H) PINS (LRR H, outside MLRA 72, 73) urface	ent,
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_2.5Y Ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted A12 - Thick Da S1 - Sandy Mu S2 - 2.5 cm Mu S3 - 5 cm Mu S3 - 5 cm Mu S4 - Sandy Gl	tream gauge, monitor table is present at table	eded to docatrix, CS=Cove	indicator S5 - S S6 - S F1 - L F2 - L F3 - E F8 - F F8 - F8 -	che indiced Sand Codor (No. 2.5Y) The indiced Sand	evious inspersent at the cator or coerains; Location of Coerains; Location of Present edox Matrix lucky Mineral leyed Matrix Matrix eark Surface pressions	Mottle % 20 2	e absence of in ore Lining, M=Matrices Type D C	Location	SCL SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	Juck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks)	ESoils ¹ LRR F, G, H) PINS (LRR H, outside MLRA 72, 73) urface	ent,
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 17-28 28-35 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Epi A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Depleted A12 - Thick Da S1 - Sandy Mu S2 - 2.5 cm Mu S3 - 5 cm Muc S4 - Sandy Gl	tream gauge, monitor table is present at table	eded to docatrix, CS=Covered t	indicator S5 - S S6 - S S6 - S S6 - S S6 - S S7 - C F7 - C F8 - F	color (National Color (Nationa	evious insperse exits and surface pressions ains Depressions evious insperse evious insperse exits and surface pressions ains Depressions evious insperse exits ex	Mottle % 20 2 :):	e absence of in ore Lining, M=Matrices Type D C RA 72, 73 of LRR	Location M M H H H II Present?	SCL SCL SCL SCL SCL Indicators of A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduct TF2 - Red F TF12 - Very Other (Explain	Juck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks) hydrophytic vegetatied or problematic.	ESoils ¹ LRR F, G, H) PINS (LRR H, outside MLRA 72, 73) urface	ent,

WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: w-157n47w36-b1
-					· · · · · · · · · · · · · · · · · · ·
VEGETATIO	N (Species identified in all uppercase are	e non-native	species.)		
	(Plot size: 30 ft. radius)		/		
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.					
2.					Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)
3.					(11)
4.					Total Number of Dominant Species Across All Strata:1(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.					OBl spp
10.	Total Cover =	0			FACW epp. 107 × 2 - 214
	Total Cover =		_		FAC on 2 2 214
0 11 (01 1 4	0 (D)				FAC spp. $\frac{2}{2}$ \times $3 = \frac{6}{2}$
	Stratum (Plot size: 15 ft. radius)				FACU spp. $0 X 4 = 0$
1.					Total % Cover of: Multiply by: OBL spp. 5 x 1 = 5 FACW spp. 107 x 2 = 214 FAC spp. 2 x 3 = 6 FACU spp. 0 x 4 = 0 UPL spp. 0 x 5 = 0
2.					
3.					Total 114 (A) 225 (B)
4.					·
5.					Prevalence Index = B/A = 1.974
6.					
7.					
					Uvdranhytia Varatatian Indicatora
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					XDominance 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	Phalaris arundinacea	85	Υ	FACW	
2			<u> </u>		* Indicators of hydric soil and wetland hydrology must be
2.	Mentha arvensis	10	N N	FACW	present, unless disturbed or problematic.
3.	Asclepias incarnata	5	N	FACW	
4.	Sium suave	5	N	OBL	Definitions of Vegetation Strata:
5.	Poa palustris	5	N	FACW	
6	Symphyotrichum lanceolatum	2	N	FACW	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast
7.	Rumex crispus	2	N	FAC	height (DBH), regardless of height.
8.					
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.				-	Supmig/Sinus
11.					
12.					Herb - All herbaceous (non-woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	114			
	Total Cover =	117			
Moody Vince Co	rotum (Plot circ) 20 ft radius)				
vvoody vine St	ratum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present?Y
5.					
4.					
	Total Cover =	0			
Remarks:		ed canary	grass with	n a variety	of other wetland forbs and graminoids interspersed throughout.
rtomanto.	The welland sample area is dominated by re	ca cariary	grass, with	ra variety	of other wettand force and grammerae interspersed throughout.
Additional R	Remarks:				