WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	08/06/14	
Applicant:		Enbridge								County:	Marshall	
Investigators				Subregion (MLRA or L						State:	MN	
Soil Unit:	I55A					NWI Classification:						
Landform:	Talf				cal Relief:					Sample Point:	u-155n45w20-a1	
Slope (%):	0 - 2%		Latitude: 48.2			-96.471879		Datum:				
		nditions on the site			ar? (If no, exp				□ No	Section:		
Are Vegetation		□, or Hydrology	•			Are no		nstances pre	esent?	Township:		
Are Vegetation		□, or Hydrology	□aturally pr	oblematic?			Yes	□ No		Range:	Dir:	
SUMMARY C												
Hydrophytic \	_		No		_				s Present?			
Wetland Hyd			No							nt Within A W		
Remarks:	•			•	, black-eye	ed susan and	d common ı	ragweed. Th	ie area is ad	djacent to a w	et meadow and Shrub-Carr	
	community,	upslope from a ro	padside ditch.									
HYDROLOG	Υ											
Wetland Hy	drology Ind	icators (Check all	I that apply: M	linimum of or	ne primary	or two seco	ndary requi	red):				
Primary:	•	(00			py				Secondary:			
	A1 - Surface \	Water			B11 - Salt (Crust				B6 - Surface S	oil Cracks	
	A2 - High Wa				B13 - Aqua						Vegetated Concave Surface	
	A3 - Saturatio					gen Sulfide O				B10 - Drainage		
	B1 - Water Ma				,	eason Water ⁻		Dooto (not till			Rhizospheres on Living Roots (till	ed)
	B2 - Sedimen B3 - Drift Dep	•				ed Rhizosphe nce of Reduce		Roots (not till		C8 - Crayfish E	Norrows No Visible on Aerial Imagery	
	B4 - Algal Ma					//uck Surface	ed IIOII			D2 - Geomorp		
	B5 - Iron Dep				Other (Expl				_	D5 - FAC-Neur		
		n Visible on Aerial Im	nagery		(,					aved Hummocks (LRR F)	
	B9 - Water-St	tained Leaves										
Field Observ	vations:											
Surface Wate	er Present?	Yes □	Dept	ո:	(in.)			Watland H	lydrology l	Brosont?	N	
Water Table	Present?	Yes □	Dept	n:	(in.)			wetiand F	lydrology l	Present?	N	
Saturation Pr	resent?	Yes □	Dept	·-	-): \							
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
Describe Reco	orded Data (s		<u> </u>		_ (in.)	pections) if a	vailable:					
	<u>`</u>	stream gauge, moni	itoring well, ae	rial photos, pr	evious insp	ections), if a	vailable:					
Describe Reco	<u>`</u>		itoring well, ae	rial photos, pr	evious insp	ections), if a	vailable:					
Remarks:	<u>`</u>	stream gauge, moni	itoring well, ae	rial photos, pr	evious insp	pections), if a	vailable:					
Remarks:	No primary	stream gauge, moni or secondary hydr	itoring well, ae	rial photos, pr ators were ob	revious insposerved.	·		odicators)				
Remarks: SOILS Profile Descri	No primary ption (Descri	stream gauge, monior secondary hydrobe to the depth ne	itoring well, ae	rial photos, pr ators were ob ment the ind	evious insposerved.	onfirm the al	osence of ir					
Remarks: SOILS Profile Descri	No primary ption (Descri	stream gauge, moni or secondary hydr	itoring well, ae	rial photos, pr ators were ob ment the ind	evious insposerved.	onfirm the al	osence of ir					
Remarks: SOILS Profile Descri	No primary ption (Descri	stream gauge, monior secondary hydrobe to the depth ne	itoring well, ae	rial photos, pr ators were ob ment the ind	evious insposerved.	onfirm the al	osence of ir					
Remarks: SOILS Profile Descri (Type: C=Concer	No primary ption (Descri	stream gauge, monior secondary hydrobe to the depth neetion, RM=Reduced Matrix	itoring well, acrological indicated to docu	rial photos, pr ators were ob ment the ind ed/Coated Sand	evious insposerved. icator or co	onfirm the altion: PL=Pore I	osence of ir Lining, M=Matr	rix)	Texture		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer	No primary ption (Descri	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist)	itoring well, acrological indicated to document the second to document the second to document the second terms, CS=Covered to the second terms, CS=Covered to the second terms and the second terms are second to the second terms are second terms are second to the second terms are second terms are second to the second terms are second to the	rial photos, prators were obment the inded/Coated Sand	evious insposerved. icator or co	onfirm the at	osence of ir		Texture		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6	No primary ption (Descri	or secondary hydrobe to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1	itoring well, acrological indicated to document the second	rial photos, prators were obtained the inded/Coated Sand	evious insposerved. icator or co	onfirm the altion: PL=Pore I	osence of ir Lining, M=Matr	rix)	SICL		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer	No primary ption (Descri	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist)	itoring well, acrological indicated to document the second to document the second to document the second terms, CS=Covered to the second terms, CS=Covered to the second terms and the second terms are second to the second terms are second terms are second to the second terms are second terms are second to the second terms are second to the	rial photos, prators were obtained the inded/Coated Sand	evious insposerved. icator or co	onfirm the altion: PL=Pore I	osence of ir Lining, M=Matr	rix)			Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6	No primary ption (Descri	or secondary hydrobe to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1	itoring well, acrological indicated to document the second	rial photos, prators were obtained the inded/Coated Sand	evious insposerved. icator or co	onfirm the altion: PL=Pore I	osence of ir Lining, M=Matr	rix)	SICL		Remarks	
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20	No primary ption (Descriptration, D=Depleter) Hue_10YR Hue_2.5Y	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2	itoring well, acrological indicated to document the second	rial photos, prators were obtained the inded/Coated Sand	evious insposerved. icator or cograins; Locat	Mottles	osence of ir Lining, M=Matr	rix)	SICL		Remarks	
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	No primary Iption (Descrintration, D=Depleted Primary) Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol	stream gauge, monitor secondary hydrological be to the depth neterion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (ch	itoring well, acrological indicated to document the second	rial photos, prators were obtained the inded/Coated Sand Color (revious insposerved. icator or cograins; Locat Moist) not present	Mottles	osence of ir Lining, M=Matr	Location	SICL FS Indicators f A9 - 1 cm M	luck (LRR I, J)	: Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	No primary ption (Descriptration, D=Depletration, D=Depletrat	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chain)	itoring well, acrological indicated to document the second	rial photos, prators were obtained the inded/Coated Sand Color (dicators are S5 - Sandy F S6 - Stripped	revious insposerved. icator or cograins; Locat Moist) not present	Mottles %	osence of ir Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast	luck (LRR I, J) Prairie Redox (: Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His	stream gauge, monitor secondary hydromore be to the depth neterion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (characteristics)	itoring well, acrological indicated to document the second	rial photos, prators were obtained the inded/Coated Sand Color (dicators are S5 - Sandy F S6 - Stripped F1 - Loamy F	evious insposerved. Cator or configuration (Moist) Moist) Moist) Redox Matrix Mucky Mineral	Mottles % tion: PL=Pore L	osence of ir Lining, M=Mati	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St	luck (LRR I, J) Prairie Redox (urface (LRR G)	Soils ¹ LRR F, G, H)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chain in Sulfide	itoring well, acrological indicated to document the second	rial photos, prators were obtained. ment the inded/Coated Sand Color (dicators are S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy C	revious insposerved. icator or cograins; Locat Moist) not present Redox I Matrix Mucky Minera Gleyed Matrix	Mottles % tion: PL=Pore L	osence of ir Lining, M=Mati	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressio	: Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Tic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chain in Sulfide Layers (LRR F)	itoring well, acrological indicated to document the second	rial photos, prators were obtained. ment the inded/Coated Sand Color (Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy C F3 - Deplete	revious insposerved. icator or cograins; Locat Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix d Matrix	Mottles // Mottle	osence of ir Lining, M=Mati	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduce	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic	Soils ¹ LRR F, G, H)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mur	stream gauge, monitor secondary hydromore be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chain Sulfide Layers (LRR F) ck (LRR FGH)	itoring well, action of the cological indicated and the cological indicated at the color indicated at the cological indicated at	rial photos, prators were obtained. ment the inded/Coated Sand Color (Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy C F3 - Deplete F6 - Redox E	revious insposerved. icator or cograins; Locat Moist) not present Redox Mucky Minera Gleyed Matrix Dark Surface	Mottles Mottles t):	osence of ir Lining, M=Mati	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red P	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mur	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chain Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface	itoring well, action of the cological indicated and the cological indicated at the color indicated at the cological indicated at	rial photos, prators were of ment the inded/Coated Sand Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy F F3 - Deplete F6 - Redox F F7 - Deplete	revious insposerved. Icator or cograins; Locat Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface Id Dark Surface	Mottles Mottles t):	osence of ir Lining, M=Mati	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mu A11 - Deplete	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chain ipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) and Below Dark Surface ark Surface	itoring well, activities and the cological indicated at the color of t	rial photos, prators were of ment the inded/Coated Sand Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy F F3 - Depleted F6 - Redox F F7 - Depleted	revious insposerved. Icator or congrains; Locat Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottles // Mottles // All All All All All All All All All A	osence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chain Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (L	itoring well, action of the cological indicated and the cological indicated at the color indicated at the cological indicated at	rial photos, prators were of ment the inded/Coated Sand Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy F F3 - Deplete F6 - Redox F F7 - Deplete F8 - Redox F	revious insposerved. Icator or congrains; Locat Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottles // Mottles // All All All All All All All All All A	osence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chaice and Sulfide and Sulfide and Sulfide and Sulfide and Sulfide and Surface and	itoring well, action of the cological indicated and the cological indicated at the color indicated at the cological indicated at	rial photos, prators were of ment the inded/Coated Sand Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy F F3 - Deplete F6 - Redox F F7 - Deplete F8 - Redox F	revious insposerved. Icator or congrains; Locat Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottles // Mottles // All All All All All All All All All A	osence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks)	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	ent,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chaice and Sulfide and Sulfide and Sulfide and Sulfide and Sulfide and Surface and	itoring well, action of the cological indicated and the cological indicated at the color indicated at the cological indicated at	rial photos, prators were of ment the inded/Coated Sand Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy F F3 - Deplete F6 - Redox F F7 - Deplete F8 - Redox F	revious insposerved. Icator or congrains; Locat Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottles // Mottles // All All All All All All All All All A	osence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S ain in Remarks)	ESoils ¹ LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface	ent,
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Hue_2.5Y Cic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mur A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mur S4 - Sandy G	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chaice and Sulfide and Sulfide and Sulfide and Sulfide and Sulfide and Surface and	itoring well, action of the cological indicated and the cological indicated at the color indicated at the cological indicated at	rial photos, prators were of ment the inded/Coated Sand Color (S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy F F3 - Deplete F6 - Redox F F7 - Deplete F8 - Redox F	revious insposerved. Cator or configuration of configura	Mottles // Mottles // All All All All All All All All All A	Type 72, 73 of LRF	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	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) Ons (LRR H, outside MLRA 72, 73) Surface	sent,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-6 6-20 NRCS Hydr	Hue_10YR Hue_2.5Y Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mul A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mul S4 - Sandy G	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 4/2 Indicators (chaice and Sulfide and Sulfide and Sulfide and Sulfide and Sulfide and Surface and	itoring well, according to a cological indicate and a cological indicat	rial photos, prators were obtained. ment the inded/Coated Sand Color (C	revious insposerved. Cator or configuration of configura	Mottles // Mottles // All All All All All All All All All A	Type 72, 73 of LRF	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	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) Ons (LRR H, outside MLRA 72, 73) Surface	sent,

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-155n45w20-a1				
VEGETATIO	` '	e non-native	species.)						
Tree Stratum	(Plot size: 30 ft. radius) <u>Species Name</u>	% Cover	Dominant	Ind.Status	Dominance Test Worksheet				
1.	<u>Species Name</u>	% Cover	Dominani	<u>IIIu.Status</u>	Dominance rest worksneet				
2.					Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)				
3.					(71)				
4.					Total Number of Dominant Species Across All Strata: 3 (B)				
5.					Total Number of Borninant Opecies Across All Strata.				
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 33.3% (A/B)				
7.					refeelt of Boltimatit Opedies That Are OBE, I AOW, of I Ao (A/B)				
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.					OBL spp 0				
	Total Cover =	0			FACW spp. $\frac{20}{20}$ $\times 2 = \frac{40}{40}$				
					FACW spp. $\begin{array}{cccccccccccccccccccccccccccccccccccc$				
Sapling/Shrub	Stratum (Plot size: 15 ft. radius)				FACU spp. 70 x 4 = 280				
1.	Charam (Fiot Size): Forth radias)				UPL spp. $\frac{10}{10}$ \times $5 = \frac{260}{50}$				
2.					· · · <u> </u>				
3.					Total 140 (A) 490 (B)				
4.					(
5.					Prevalence Index = $B/A = 3.500$				
6.									
7.									
8.					Hydrophytic Vegetation Indicators:				
9.					Rapid Test for Hydrophytic Vegetation				
10.					Dominance Test is > 50%				
	Total Cover =	0			Prevalence Index is ≤ 3.0 *				
	•		_		 Morphological Adaptations (Explain) *				
Herb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Plantago major	40	Υ	FAC					
2.	Rudbeckia hirta	30	Υ	FACU	* Indicators of hydric soil and wetland hydrology must be				
3.	Ambrosia artemisiifolia	30	Υ	FACU	present, unless disturbed or problematic.				
4.	Agrostis gigantea	20	N	FACW	Definitions of Vegetation Strata:				
5.	Elymus repens	5	N	FACU					
6	Thinopyrum intermedium	5	N	NI	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast				
7.	Helianthus maximiliani	5	N	FACU	height (DBH), regardless of height.				
8.	Erucastrum gallicum	5	N	NI					
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
10.									
11.									
12.					Herb - All herbaceous (non-woody) plants, regardless of size.				
13.									
14.									
15.					Woody Vines - All woody vines, regardless of height.				
	Total Cover =	140							
	•								
Woody Vine St	ratum (Plot size: 30 ft. radius)								
1.									
2.									
3.					Hydrophytic Vegetation Present?N				
5.									
4.									
	Total Cover =	0							
Remarks:	The upland sample point is dominated by gre	eat plantair	n, black-ey	ed susan	and common ragweed.				
Additional F	Remarks:								