WETLAND DETERMINATION DATA FORM Great Plains Region

		L3R								Date: 08/13/14	
Project/Site: Applicant:		Enbridge								County: Marshall	
Investigators		BEH/MRK			Subregio		or LRR):	MLRA 56		State: MN	
Soil Unit:	I51A					•	Classification:				
				-	and Daliaf		Classification.			Comple Dainte w 156p46w7 of	
Landform:	Depression		10.07		cal Relief:		4007740			Sample Point: w-156n46w7-c1	
Slope (%):	0 - 2%		Latitude: 48.34		Longitude:			Datum:			
		nditions on the sit			ar? (If no, exp	1		☑ Yes	□ No	Section:	
Are Vegetation		□, or Hydrology	. .			Are	normal circum	istances pro	esent?	Township:	
Are Vegetation	on 🗆 Soil	□, or Hydrology	 Daturally pro 	blematic?			Ves	□ No		Range: Dir:	
SUMMARY C	of Findings	5									
Hydrophytic \	Vegetation P	resent?	Yes					Hydric Soi	ls Present?	? Yes	
Wetland Hyd	-		Yes		-			Is This Sar	mpling Poin	nt Within A Wetland? Yes	
			inundated depr	ession withir	a forest.	Green as	h dominates th			ayer. The ground is mostly bare of vegetation	
		,									
HYDROLOG	Y										
	Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):										
-	•••	cators (Check al	II that apply; M	nimum of or	e primary	or two se	econdary requir	ea):	0	_	
Primary:				_		0			Secondary:		
	A1 - Surface \				B11 - Salt (B6 - Surface Soil Cracks	
	A2 - High Wat A3 - Saturatio				B13 - Aqua C1 - Hydro		e Odor			B8 - Sparsely Vegetated Concave Surface B10 - Drainage Patterns	
	B1 - Water Ma				C1 - Tiyuro C2 - Dry Se					C3 - Oxidized Rhizospheres on Living Roots (tilled)	
	B2 - Sediment						pheres on Living	Roots (not till	е П	C8 - Crayfish Burrows	
	B3 - Drift Dep	•			C4 - Prese					C9 - Saturation Visible on Aerial Imagery	
	B4 - Algal Mat			C7 - Thin N					D2 - Geomorphic Position		
	B5 - Iron Depo				Other (Exp	lain)				D5 - FAC-Neutral Test	
		on Visible on Aerial In	magery							D7 - Frost-Heaved Hummocks (LRR F)	
	B9 - Water-St	ained Leaves									
Field Observ	vations:										
Surface Wate	er Present?	Yes 🛛	Depth	:	(in.)			Watland L	lydrologyd	Drocont2 V	
Water Table	Present?	Yes 🛛	Depth	:	(in.)			wettand F	lydrology l	Present? Y	
Saturation Pr		Yes 🛛	Depth		– (in.)						
							if available.				
	•	stream gauge, mon	-			ections),	li avaliable.				
Remarks:	The wetland	d is sparsely-vege	etated and shal	i snells are p	prevalent.						
SOILS	intion (Decori	ha ta tha danth n	and ad to doouw	mont the ind	actor or or	opfirm the	a abaanaa of in	diastora			
		be to the depth ne etion, RM=Reduced M									
								~			
				_			3,				
		Matrix				Mottle	-				
Depth (In)		Matrix Color (Moist)	0/_	Color (Moist)	Mottle	es	Location	Toyturo	Remarks	
Depth (In.)		Color (Moist)	%	Color (Moist)	Mottle %	-	Location	Texture	Remarks	
0-16	Hue_10YR	Color (Moist) 2/1	100	Color (Moist)		es	Location	CL	Remarks	
0-16 16-29	Hue_10YR	Color (Moist) 2/1 3/1	100 100			%	es Type		CL SCL	Remarks	
0-16		Color (Moist) 2/1	100	Gley1	5/10Y	% 	es Type D	M	CL SCL SCL	Remarks	
0-16 16-29	Hue_10YR	Color (Moist) 2/1 3/1	100 100		5/10Y	%	es Type		CL SCL	Remarks	
0-16 16-29	Hue_10YR	Color (Moist) 2/1 3/1	100 100	Gley1	5/10Y	% 	es Type D	M	CL SCL SCL	Remarks	
0-16 16-29	Hue_10YR	Color (Moist) 2/1 3/1	100 100	Gley1	5/10Y	% 	es Type D	M	CL SCL SCL	Remarks	
0-16 16-29 29-37	Hue_10YR Hue_2.5Y	Color (Moist) 2/1 3/1 5/2	100 100 94	Gley1 Hue_10YR	5/10Y 5/8	% 4 2	es Type D	M	CL SCL SCL	Remarks	
0-16 16-29 29-37	Hue_10YR	Color (Moist) 2/1 3/1 5/2	100 100	Gley1 Hue_10YR	5/10Y 5/8	% 4 2	es Type D C	M	CL SCL SCL SCL		
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y	Color (Moist) 2/1 3/1 5/2	100 100 94	Gley1 Hue_10YR dicators are	5/10Y 5/8 not present	% 4 2	es Type D C	M M	CL SCL SCL SCL	for Problematic Soils ¹	
0-16 16-29 29-37	Hue_10YR Hue_2.5Y	Color (Moist) 2/1 3/1 5/2 Indicators (cl	100 100 94	Gley1 Hue_10YR dicators are S5 - Sandy F	5/10Y 5/8 not present	% 4 2	es Type D C	M M	CL SCL SCL SCL <u>Indicators f</u> A9 - 1 cm M	for Problematic Soils ¹ Muck (LRR I, J)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y	Color (Moist) 2/1 3/1 5/2 Indicators (cl	100 100 94	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped	5/10Y 5/8 not present Redox	% 4 2 t):	es Type D C	M	CL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast	for Problematic Soils ¹	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y	Color (Moist) 2/1 3/1 5/2 Indicators (cl	100 100 94	Gley1 Hue_10YR dicators are S5 - Sandy F	5/10Y 5/8 not present Redox I Matrix Jucky Minera	% 4 2 t):	es Type D C	M M	CL SCL SCL SCL <u>Indicators f</u> A9 - 1 cm M A16 - Coast S7 - Dark St	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F)	100 100 94	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted	5/10Y 5/8 not present Redox Matrix Mucky Minera Gleyed Matrix	% 4 2 t):	es Type D C	M M	CL SCL SCL SCL SCL <u>Indicators f</u> A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mud	Color (Moist) 2/1 3/1 5/2 Indicators (cl stic n Sulfide Layers (LRR F) ck (LRR FGH)	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy C F3 - Depleted F6 - Redox F	5/10Y 5/8 not present Redox Matrix Mucky Minera Gleyed Matrix d Matrix Dark Surface	% 4 2 t):	es Type D C	M M 0	CL SCL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mud A11 - Deplete	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surface	100 100 94 heck here if ind	Gley1 Hue_10YR Hue_10YR S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy C F3 - Depleted F6 - Redox E F7 - Depleted	5/10Y 5/8 5/8 not present Redox I Matrix Jucky Minera Gleyed Matrix Dark Surface Dark Surface	% 4 2 t):	es Type D C	M M 0	CL SCL SCL SCL SCL Mailed State A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surfac ark Surface	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted F6 - Redox f F7 - Depleted F8 - Redox f	5/10Y 5/8 5/8 not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	% 4 2 t):	E Type	M M 0	CL SCL SCL SCL SCL Mailed State A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mud A11 - Deplete A12 - Thick D S1 - Sandy Mu	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surfac ark Surface ucky Mineral	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted F6 - Redox f F7 - Depleted F8 - Redox f	5/10Y 5/8 5/8 not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	% 4 2 t):	es Type D C	M M 0	CL SCL SCL SCL SCL Mailed State A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y Hue_2.5Y ic 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 Mic S2 - 2.5 cm M	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ucky Mineral fucky Peat or Peat (l	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted F6 - Redox f F7 - Depleted F8 - Redox f	5/10Y 5/8 5/8 not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	% 4 2 t):	E Type	M M 0	CL SCL SCL SCL SCL <u>Indicators f</u> A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface lain in Remarks)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic 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 Mu S2 - 2.5 cm Muc	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surface ucky Mineral fucky Peat or Peat (LR	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted F6 - Redox f F7 - Depleted F8 - Redox f	5/10Y 5/8 5/8 not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	% 4 2 t):	E Type	M M 0	CL SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface Jain in Remarks)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y Hue_2.5Y ic 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 Mic S2 - 2.5 cm M	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surface ucky Mineral fucky Peat or Peat (LR	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted F6 - Redox f F7 - Depleted F8 - Redox f	5/10Y 5/8 5/8 not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	% 4 2 t):	E Type	M M 0	CL SCL SCL SCL SCL SCL A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface lain in Remarks)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic 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 Muc S3 - 5 cm Muc S4 - Sandy Gl	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surface ucky Mineral fucky Peat or Peat (LR	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted F6 - Redox f F7 - Depleted F8 - Redox f F16 - High P	5/10Y 5/8 5/8 not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Matrix Dark Surface d Dark Surfa Depressions lains Depres	% 4 2 t):	PS Type D C	M M M	CL SCL SCL SCL SCL <u>Indicators f</u> A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface Jain in Remarks)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic 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 Muc S3 - 5 cm Muc S4 - Sandy Gl	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surface ucky Mineral fucky Peat or Peat (LR	100 100 94 heck here if ind	Gley1 Hue_10YR dicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleted F6 - Redox f F7 - Depleted F8 - Redox f	5/10Y 5/8 5/8 not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Matrix Dark Surface d Dark Surfa Depressions lains Depres	% 4 2 t):	E Type	M M M	CL SCL SCL SCL SCL <u>Indicators f</u> A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface Jain in Remarks)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y Hue_2.5Y ic 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 Mu S2 - 2.5 cm Muc S3 - 5 cm Muc S4 - Sandy Gl r Type:	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ucky Mineral fucky Peat or Peat (LR ky Peat or Peat (LR leyed Matrix	100 100 94 	Gley1 Hue_10YR Hue_10YR S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High P Depth	5/10Y 5/8 5/8 not present Redox Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface d Dark Surface d Dark Surface	% 4 2 t):	PS Type D C C RA 72, 73 of LRR	M M M I I I H)	CL SCL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Sc F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Explated of the second s	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface lain in Remarks)	
0-16 16-29 29-37 NRCS Hydr	Hue_10YR Hue_2.5Y ic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mud A11 - Deplete A12 - Thick D S1 - Sandy Mu S2 - 2.5 cm Mu S3 - 5 cm Mud S4 - Sandy Gl r Type: The soil is a	Color (Moist) 2/1 3/1 5/2 Indicators (cl ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ucky Mineral fucky Peat or Peat (LR ky Peat or Peat (LR leyed Matrix	100 100 94 	Gley1 Hue_10YR bicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Depleter F6 - Redox f F7 - Depleter F8 - Redox f F16 - High P Depth	5/10Y 5/8 5/8 not present Redox Matrix Mucky Minera Gleyed Matrix Dark Surface d Matrix Dark Surface d Dark Surfa Depressions lains Depres	% 4 2 t):	PS Type D C C RA 72, 73 of LRR RA 72, 73 of LRR Hydric Soi r of sandy clay	H)	CL SCL SCL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla ¹ Indicators of h unless disturbe	for Problematic Soils ¹ Muck (LRR I, J) t Prairie Redox (LRR F, G, H) Surface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) ced Vertic Parent Material y Shallow Dark Surface Jain in Remarks)	

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-156n46w7-c1				
		e non-native	species.)						
Tree Stratum ((Plot size: 30 ft. radius) Species Name	<u>% Cover</u>	Dominant	Ind.Status	Dominance Test Worksheet				
1.	Fraxinus pennsylvanica	<u>78 Cover</u> 60	Y	FAC					
2.	Ulmus americana	20	Y	FAC	Number of Dominant Species that are OBL, FACW, or FAC: 3 (A)				
3.	Salix amygdaloides	5	N	FACW					
4.	Quercus macrocarpa	3	N	FACU	Total Number of Dominant Species Across All Strata: 3 (B)				
5.				17.00					
6.	J				Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)				
7.	<u> </u>								
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.					OBL spp. $0 x 1 = 0$				
	Total Cover =	88			FACW spp. 5 $x 2 = 10$				
					FAC spp. 90 X $3 = 270$				
	Stratum (Plot size: 15 ft. radius)				FACU spp. <u>3</u> x 4 = <u>12</u>				
1.	Fraxinus pennsylvanica	10	Y	FAC	UPL spp. 0 $X 5 = 0$				
2.									
3.					Total <u>98</u> (A) <u>292</u> (B)				
4.									
5.					Prevalence Index = $B/A = 2.980$				
6.									
7.									
8.					Hydrophytic Vegetation Indicators:				
9.					Rapid Test for Hydrophytic Vegetation				
10.	Tatal Cavar	10			X Dominance Test is > 50%				
	Total Cover =	10	_		$X = \frac{X}{2}$ Prevalence Index is $\leq 3.0 *$				
					Morphological Adaptations (Explain) *				
	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.					* Indiactors of budric soil and watland budrology must be				
2.					* Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
3. 4.					Definitions of Vegetation Strata:				
4. 5.					Deminitions of vegetation Strata.				
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast				
7.					height (DBH), regardless of height.				
8.									
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 =	0							
Woody Vine St	ratum (Plot size: 30 ft. radius)								
1.									
2.									
3.					Hydrophytic Vegetation Present? Y				
5.									
4.									
<u> </u>	Total Cover =								
Remarks:	The sample point is dominated by green ash	trees and	seedlings.	. Americar	n elm is scattered throughout in the canopy layer.				
Additional Remarks:									