WETLAND DETERMINATION DATA FORM Great Plains Region

Applicant:		L3R Enbridge								Date: County:	09/16/14 Pennington
Investigators); ;	NTT/BEH							State:	MN	
Soil Unit:	175A				_ 0		Classification:				
Landform:	Dip			Local Relief: CC					Sample Poin	t: w-154n44w31-m1	
Slope (%):	3 - 7%		Latitude: 48		Longitude:			Datum:			
		onditions on the sit		•	ar? (If no, exp			Yes		Section:	
Are Vegetati		I □, or Hydrology I □, or Hydrology	•			Are	normal circum	Istances pr	esent?	Township:	Dir:
SUMMARY (problematic?			≥ res			Range:	DII.
Hydrophytic			Yes	S				Hvdric Soi	Is Present?	Yes	
Wetland Hyd	-		Yes		_					t Within A W	/etland? Yes
Remarks:	The wetland	d is a wet meadow	w located adj	jacent to a road	dside and d	lominated	d by Phalaris a	rundinacea	l.		
HYDROLOG	Y										
Wetland Hy	drology Ind	icators (Check al	Il that apply;	Minimum of or	ne primary	or two se	condary requir	ed):			
Primary	<u>.</u>	·					, , , , , , , , , , , , , , , , , , ,	,	Secondary:		
	A1 - Surface A2 - High Wa				B11 - Salt (B13 - Aqua					B6 - Surface	
	A3 - Saturatio				C1 - Hydrog						
	B1 - Water M				C2 - Dry Se	eason Wat	er Table			C3 - Oxidized	Rhizospheres on Living Roots (tilled)
	B2 - Sedimen B3 - Drift Dep	•			C3 - Oxidiz C4 - Prese		pheres on Living	Roots (not till		C8 - Crayfish	Burrows on Visible on Aerial Imagery
	B3 - Dhit Dep B4 - Algal Ma				C4 - Prese C7 - Thin M					D2 - Geomor	
	B5 - Iron Dep	osits			Other (Expl					D5 - FAC-Nei	utral Test
		on Visible on Aerial In	magery							D7 - Frost-He	eaved Hummocks (LRR F)
	B9 - Water-S	tained Leaves									
Field Obser	vations:										
Surface Wat		Yes 🗆	De	epth:	(in.)						
Water Table		Yes D		pth:	_ (in.) (in.)	Wetland Hydrology Present? Y					
Saturation P		Yes 🗹		epth: 0	_ (in.)						
Describe Rec	orded Data (stream gauge, mor			_ ` ´	ections)	if available:				
Remarks:		d has saturation a	-								
SOILS Profile Descr	intion (Descr	ibe to the depth n	eeded to do	cument the ind	icator or co	onfirm the	absence of in	dicators)			
Profile Descr		ibe to the depth ne etion, RM=Reduced M									
Profile Descr											
Profile Descr (Type: C=Concer		etion, RM=Reduced M Matrix	Matrix, CS=Cove	rered/Coated Sand	Grains; Locat	ion: PL=Po Mottle	ore Lining, M=Matri S	x)			
Profile Descr (Type: C=Concer Depth (In.)	ntration, D=Depl	etion, RM=Reduced M Matrix Color (Moist)	Matrix, CS=Cove	wered/Coated Sand		ion: PL=Po	ore Lining, M=Matri		Texture		Remarks
Profile Descr (Type: C=Concer Depth (In.) 0-10	htration, D=Depl	etion, RM=Reduced M Matrix Color (Moist) 2/1	Matrix, CS=Cove	% Color 0	Grains; Locat	ion: PL=Po Mottle	ore Lining, M=Matri S	x)	Texture MMI		Remarks
Profile Descr (Type: C=Concer Depth (In.)	ntration, D=Depl	etion, RM=Reduced M Matrix Color (Moist) 2/1	Matrix, CS=Cove	wered/Coated Sand	Grains; Locat	ion: PL=Po Mottle	ore Lining, M=Matri S	x)			Remarks
Profile Descr (Type: C=Concer Depth (In.) 0-10	htration, D=Depl	etion, RM=Reduced M Matrix Color (Moist) 2/1	Matrix, CS=Cove	% Color 0	Grains; Locat	ion: PL=Po Mottle	ore Lining, M=Matri S	x)			Remarks
Profile Descr (Type: C=Concer Depth (In.) 0-10	htration, D=Depl	etion, RM=Reduced M Matrix Color (Moist) 2/1	Matrix, CS=Cove	% Color 0	Grains; Locat	ion: PL=Po Mottle	ore Lining, M=Matri S	x)			Remarks
Profile Descr (Type: C=Concer Depth (In.) 0-10	htration, D=Depl	etion, RM=Reduced M Matrix Color (Moist) 2/1	Matrix, CS=Cove	% Color 0	Grains; Locat	ion: PL=Po Mottle	ore Lining, M=Matri S	x)			Remarks
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18	Hue_10YR Hue_10YR	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1	Matrix, CS=Cove	ered/Coated Sand	Grains; Locat (Moist)	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x)			Remarks
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18	htration, D=Depl	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1	Matrix, CS=Cove	% Color 0	Grains; Locat (Moist)	ion: PL=Po Mottle %	ore Lining, M=Matri S	x)	MMI S	or Problemat	
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1	Matrix, CS=Cove	ered/Coated Sand	Grains; Locat (Moist)	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x) Location	MMI S Indicators f	or Problemat	ic Soils ¹
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR ric Soil Field A1- Histosol A2 - Histic Ep	Matrix Color (Moist) 2/1 4/1 Indicators (cl	Matrix, CS=Cove	Color (00 00 00 indicators are 55 - Sandy F 56 - Stripped	Grains; Locat (Moist) not present Redox d Matrix	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast	luck (LRR I, J) Prairie Redox	<u>ic Soils¹</u> (LRR F, G, H)
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR ric Soil Field A1- Histosol A2 - Histic Ep A3 - Black His	Matrix Color (Moist) 2/1 4/1 Indicators (cl	Matrix, CS=Cove	Color Color Color 00 00 00 00 00 00 00 00 00 00 00 00 00	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St	luck (LRR I, J) Prairie Redox urface (LRR G	<u>ic Soils¹</u> (LRR F, G, H))
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR ric Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge	indicators (cl	Matrix, CS=Cove	Color (00 00 00 indicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress	<u>ic Soils¹</u> (LRR F, G, H)
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR ric Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified	Matrix Color (Moist) 2/1 4/1 Indicators (cl	Matrix, CS=Cove	Color Color Color 00 00 00 00 00 00 00 00 00 00 00 00 00	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix d Matrix	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress	<u>ic Soils¹</u> (LRR F, G, H))
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratifiec A9 - 1 cm Mu A11 - Deplete	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1 4/1 bipedon stic n Sulfide Layers (LRR F) ick (LRR FGH) ed Below Dark Surface	Matrix, CS=Cove	Color (00 00 00 00 00 00 00 00 00 00 00 00 00	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix d Matrix Dark Surface d Dark Surfa	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark	ic Soils ¹ (LRR F, G, H)) ions (LRR H, outside MLRA 72, 73) Surface
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1 4/1 bipedon stic n Sulfide I Layers (LRR F) ick (LRR FGH) ed Below Dark Surface	Matrix, CS=Cove	rered/Coated Sand Color (00 00 00 00 00 00 00 00 00 0	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Jark Surface d Dark Surfa Depressions	ion: PL=Po Mottle %	Pre Lining, M=Matri	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material	ic Soils ¹ (LRR F, G, H)) ions (LRR H, outside MLRA 72, 73) Surface
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratifiec A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1 4/1 indicators oipedon stic n Sulfide Layers (LRR F) ick (LRR FGH) ed Below Dark Surface bark Surface lucky Mineral	Matrix, CS=Cove	rered/Coated Sand Color (00 00 00 00 00 00 00 00 00 0	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Jark Surface d Dark Surfa Depressions	ion: PL=Po Mottle %	ore Lining, M=Matri es Type	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark	ic Soils ¹ (LRR F, G, H)) ions (LRR H, outside MLRA 72, 73) Surface
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm Mu S3 - 5 cm Mu	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1 4/1 Indicators oipedon stic n Sulfide Layers (LRR F) ick (LRR FGH) ed Below Dark Surface Jucky Mineral Jucky Peat or Peat (LR	Matrix, CS=Cove	rered/Coated Sand Color (00 00 00 00 00 00 00 00 00 0	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Jark Surface d Dark Surfa Depressions	ion: PL=Po Mottle %	Pre Lining, M=Matri	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Se F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark ain in Remarks	ic Soils ¹ (LRR F, G, H)) iONS (LRR H, outside MLRA 72, 73) Surface) ation and wetland hydrology must be present,
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratifiec A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm N	etion, RM=Reduced M Matrix Color (Moist) 2/1 4/1 4/1 Indicators oipedon stic n Sulfide Layers (LRR F) ick (LRR FGH) ed Below Dark Surface Jucky Mineral Jucky Peat or Peat (LR	Matrix, CS=Cove	rered/Coated Sand Color (00 00 00 00 00 00 00 00 00 0	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Jark Surface d Dark Surfa Depressions	ion: PL=Po Mottle %	Pre Lining, M=Matri	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Se F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark ain in Remarks	ic Soils ¹ (LRR F, G, H)) iONS (LRR H, outside MLRA 72, 73) Surface) ation and wetland hydrology must be present,
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18	htration, D=Depl Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratifiec 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 Matrix Color (Moist) 2/1 4/1 4/1 Indicators oipedon stic n Sulfide Layers (LRR F) ick (LRR FGH) ed Below Dark Surface Jucky Peat or Peat (I Aucky Peat or Peat (LR Icky Peat or Peat (LR	Matrix, CS=Cove	rered/Coated Sand Color (00 00 00 00 00 00 00 00 00 0	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surfa Depressions Plains Depres	ion: PL=Po Mottle %	Pre Lining, M=Matri	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Su F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark ain in Remarks	ic Soils ¹ (LRR F, G, H)) iONS (LRR H, outside MLRA 72, 73) Surface) ation and wetland hydrology must be present,
Profile Descr (Type: C=Concer Depth (In.) 0-10 10-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratifiec A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm Mu S3 - 5 cm Mu S4 - Sandy G	Matrix Matrix Color (Moist) 2/1 4/1 4/1 Indicators oipedon stic n Sulfide Layers (LRR F) ick (LRR FGH) ed Below Dark Surface Jucky Peat or Peat (I Aucky Peat or Peat (LR Icky Peat or Peat (LR	Matrix, CS=Cove	rered/Coated Sand % Color (00 00 00 indicators are S5 - Sandy F S6 - Stripped F1 - Loamy f F2 - Loamy f F3 - Deplete F6 - Redox f F7 - Deplete F8 - Redox f F8 - Redox f F16 - High P	Grains; Locat (Moist) (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix d Matrix Dark Surface d Dark Surface d Dark Surfa Depressions Plains Depres	ion: PL=Po Mottle %	RA 72, 73 of LRR	x) Location	MMI S Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Su F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark ain in Remarks	ic Soils ¹ (LRR F, G, H)) iONS (LRR H, outside MLRA 72, 73) Surface) ation and wetland hydrology must be present,

WETLAND DETERMINATION DATA FORM Great Plains Region

VECETATION (Socials identified in all upporcesse are non-native species.) Tree Stratum. (Plot size: 3.0 ft, radius) Socials Name 1.		w-154n44w31-m1	Sample Point:						e: L3R	Project/Site
Tree Stratum (Plot size: 30 ft, radius) Ys Cover Dominance Test Worksheet 1.										
Species Name % Cover Dominant Ind.Status Dominance Test Worksheet 1. 1. 1. Number of Dominant Species that are OBL, FACW, or FAC: 2. (A) 3. 1. 1. Total Number of Dominant Species Across All Strata: 2. (B) 5. 100.0% (A/B) Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B) 7. 7. 100.0% X = 0 100.0% (A/B) 10. Total Cover 0 Prevalence Index Worksheet 20 Y = 0 X = 0 100.0% (A/B) 1. Total Cover 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 Y = 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0 X = 0 0 Y = 0						species.)	e non-native			
1.			est Worksheet	Dominance 1	Ind Status	Dominant	% Cover	6)		Tree Stratum
2.				Dominance	<u>Inu.Status</u>	Dominani				1
3.)	FACW or FAC (A)	inant Species that are OBL F	Number of Don						
4. Total Number of Dominant Species Across All Strats: 2 (B) 5. Total Number of Dominant Species Across All Strats: 2 (B) 7. Total Number of Dominant Species Across All Strats: 2 (B) 8. Prevalence Index Worksheet Total Systems 10. Total Systems 20 Saping/Shrub Stratum (Plot size: 15 ft. radius) FAC: spp. 0 x 4 = 0 2. Total 100 (A) 180 (B) 3. Total Systems 0 (B) FAC: spp. 0 x 4 = 0 1. Total Over = 0 Total 100 (A) 180 (B) 4. Total Over = 0 VPrevalence Index = B/A = 1.800 (B) 9. Total Over = 0 Yerevalence Index is 5 0% X Prevalence Index is 5 0.° 1. Prevalence Index is 5 0.° X Prevalence Index is 5 0.° Yerevalence Index is 5 0.° 10. Total Over = 0 Yerevalence Index is 5 0.° Yerevalence Index is 5 0.° Yerevalence Index is 5 0.° 1. Prevalence Index is 5 0.° Yerevalence Index is 5 0.° Yerevalence Index is 5 0.°	/									
5.		Across All Strata: 2 (B)	nber of Dominant Species Ac	Total Nu						
6. Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B) 7. Total %Cover of it. Total %Cover of it. Multiply by: 9. Total %Cover of it. Multiply by: Multiply by: 10. Total %Cover of it. Multiply by: 10. Total %Cover of it. Multiply by: 10. Total %Cover of it. Multiply by: 11. Total Cover = 0 12. Sapling/Strub Stratum (Plot size: 15 ft. radius) FAC spp. 6. 7. Sapling/Strub Stratum (Plot size: 5 ft. radius) Total 100 (A) 180 (B) 4. Sapling/Strub Full Stratum (Plot size: 5 ft. radius) Total Cover = 0 10. Total Cover = 0 X Prevalence Index = B/A =	/									
7. 8. Prevalence Index Worksheet 9. Iotal % Cover of: Multiply by: 10. Total Cover = 0 Sapling/Strub Stratum (Plot size: 15 ft. radius) FAC spp. 0 X 1 = 20 3. Provalence Index Worksheet 0 X 1 = 20 Sapling/Strub Stratum (Plot size: 15 ft. radius) FAC spp. 0 X 3 = 0 1. Iotal % Cover of: Multiply by: 0 X 3 = 0 3. Iotal % Cover of: Well spp. 0 X 4 = 0 2. Iotal 100 (A) 180 (B) 4. Iotal 100 (A) Iotal 60 Iotal 100 (A) Iotal 60 5. Iotal Cover = 0 Iotal 100 (A) Iotal 50% Iotal 50% <t< td=""><td>A/B)</td><td>FACW, or FAC: 100.0% (A/B)</td><td>ant Species That Are OBL F</td><td>Percent of Domi</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	A/B)	FACW, or FAC: 100.0% (A/B)	ant Species That Are OBL F	Percent of Domi						
8. Prevalence Index Worksheet 9. Total % Cover of: Multiply by: 10. Total % Cover of: Multiply by: OBL spp. 20 X 1 = 20 Sapling/Shrub Stratum (Plot size: 15 ft. radius) FACU spp. 0 X 4 = 0 1. Prevalence Index Worksheet 0 X 4 = 0 3. Prevalence 0 X 4 = 0 3. Prevalence 0 X 4 = 0 4. Prevalence Index = B/A = 1.800 (B) 4. Prevalence Index = B/A = 1.800 (B) 7. Prevalence Index = B/A = 1.800 (B) 9. Prevalence Index = B/A = 1.800 (B) 10. Total Cover = 0 (C) (C) (C) 10. Total Cover = 0 (C) (C) (C) (C) 11. Prevalence Northological Adaptations (Explain) * (C) (C) (C) (C) 10. Prevalence So (C) (C) (C) (C) (C) </td <td><i>ч–</i>)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<i>ч–</i>)									
9. Total % Cover of: Multiply by: 10. Total Cover = 0 Sapling/Shrub Stratum (Plot size: 15 ft. radius) FAC spp. 0 x 3 = 0 2. FAC spp. 0 x 4 = 0 2. 0 x 5 = 0 3. 0 A 0 (A) 180 (B) 4. 0 0 (A) 180 (B) 5. 0 7.<			dex Worksheet	Prevalence Ir						
10.										
Iotal Cover = 0 FACW spp. so x 2 = 100 Sapling/Shrub Stratum (Plot size: 15 ft. radius) FACU spp. 0 x 4 = 0 1.		20								
1. UPL spp. 0 x 5 = 0 2.		160	80 x 2 =	FACW spp.			0	Total Cover =		
1. UPL spp. 0 x 5 = 0 2.		0	0 x 3 =	FAC spp.		_		-		
1. UPL spp. 0 x 5 = 0 2.		0	0 x 4 =	FACU spp.				ft. radius)	Stratum (Plot size: 15 ft	Sapling/Shrub
3.		0	0 x 5 =	UPL spp.						1.
4.										2.
5. Prevalence Index = B/A = 1.800 6. Hydrophytic Vegetation Indicators: 7. Rapid Test for Hydrophytic Vegetation 8. Dominance Test is > 50% Y Dominance Test is > 50% X Prevalence Index is ≤ 3.0 * Morphological Adaptations (Explain) * Problem Hydrophytic Vegetation (Explain) * Morphological Adaptations (Explain) * Problem Hydrophytic Vegetation (Explain) * * Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 6 Prevalence Index is 1.0, 0. 7. Prevalence Index is 1.0, 0. 8. Sapting/Shrub - Woody plants 3 in. 0.7, 6cm) or more in diameter at breast height. 9. Sapting/Shrub - Woody plants less than 3 in. DBH, regardless of height. 10. Int.		<u>180</u> (B)	100 (A)	Total						3.
6.										
7.		1.800	Prevalence Index = B/A =							
8. Hydrophytic Vegetation Indicators: 9.										
9.										
10.			-	Hydrophytic						
Total Cover = 0 X Prevalence Index is \$ 3.0 * Herb Stratum (Plot size: 5 ft. radius) Morphological Adaptations (Explain) * 1. Phalaris arundinacea 80 Y FACW 2. Persicaria amphibia 20 Y OBL 3. 20 Y OBL 4. 5. 5. 6 7. 5. 7. 6 7. 8. 7. 5. 9. 9. 5. 10. 10. 5. 11. 10. 5.										
Herb Stratum (Plot size: 5 ft. radius)										10.
Herb Stratum (Plot size: 5 ft. radius) Problem Hydrophytic Vegetation (Explain) * 1. Phalaris arundinacea 80 Y FACW 2. Persicaria amphibia 20 Y OBL * Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 3.		ndex is ≤ 3.0 *	X Prevalence Inc			_	0	Total Cover =		
1. Phalaris arundinacea 80 Y FACW 2. Persicaria amphibia 20 Y OBL * Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 3.										
2. Persicaria amphibia 20 Y OBL * Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 3.	ŧ	Irophytic Vegetation (Explain) *	Problem Hydro							
3. present, unless disturbed or problematic. 4.	1		* 1. 1 			I				
4.	be		-		OBL	Y	20		Persicaria amphibia	
5.		s disturbed of problematic.	· .							
6 Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height. 7.			vegetation Strata:	Definitions o						
7. height (DBH), regardless of height. 8.			Tree							
8.	reast									
9. Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height. 10.			noigin (2211), rog							
10.	eight.	ess than 3 in, DBH, regardless of height.	ing/Shrub - Woody plants less	San						
11.	-gritte		ing/Sinub - Weedy plante lead	Jap						
	ze.	(non-woody) plants, regardless of size.	Herh - All herbaceous (n							
13.									I	
14.									1	
15. Woody Vines - All woody vines, regardless of height.		, regardless of height.	ody Vines - All woody vines,	Wa					,	
Total Cover = 100		-	, · ·				100	Total Cover =	1	
						_				
Woody Vine Stratum (Plot size: 30 ft. radius)								. radius)	Stratum (Plot size: 30 ft. r	Woody Vine S
1.								,		1.
2.										2.
3. Hydrophytic Vegetation Present? Y		ion Present? Y	Hydrophytic Vegetatio							
5.										5.
4.										4.
Total Cover = 0					_					
Remarks: The wetland is dominated by Phalaris arundinacea with Persicaria amphibia mixed in.				a mixed in.	a amphibi	Persicaria	nacea with	minated by Phalaris arundir	The wetland is dom	Remarks:
Additional Remarks:									Remarks:	Additional I