WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date: County:	08/23/14	
Applicant: Enbridge											Pennington	
Investigators: BEH/RAJ			Subregion (MLRA or LRR): MLRA 56						State:	MN		
Soil Unit: 175A						NWI Classification:					454m44u449 o4	
Landform: Slope (%):	Shoulder 3 - 7%		Latitude: 48		cal Relief: Longitude:		52607	Datum:		Sample Point 	u-154n44w18-e1	
. , ,		nditions on the sit						✓ Yes	□ No	Section:		
Are Vegetation		□, or Hydrology		tly disturbed?	αι: (ππο, ε χρ		e normal circum			Township:		
Are Vegetation		□, or Hydrology	•	roblematic?		7110	✓ Yes		CSCIII:	Range:	Dir:	
SUMMARY C			platarally p	robiomatio:			1 103	_ 110		range.	DII.	
			Yes					Hydric Soi	Is Present?	^o No		
Hydrophytic Vegetation Present? Wetland Hydrology Present?					_	Is This Sampling Point Within A Wetland? No						
Remarks:		sample point is lo	cated in a w	eedy wheat fie	eld upslope	from two	o separate wetl					
				•			•	·				
HYDROLOG	Y											
Wetland Hy	drology Indi	icators (Check all	I that apply;	Minimum of or	ne primary o	or two se	econdary requi	ed):				
Primary	•	(-	, , , , , , , , , , , , , , , , , , , ,				, , , , , , , , , , , , , , , , , , , ,	,	Secondary	<u>:</u>		
	A1 - Surface \				B11 - Salt (B6 - Surface S		
	A2 - High Wat A3 - Saturatio				B13 - Aqua						Vegetated Concave Surface	
	B1 - Water Ma				C1 - Hydrog C2 - Dry Se					B10 - Drainag C3 - Oxidized	e Patterns Rhizospheres on Living Roots (ti	illed)
	B2 - Sedimen						spheres on Living	Roots (not till	le 🗆	C8 - Crayfish		
□ B3 - Drift Deposits □ C4 - Pres					C4 - Preser						n Visible on Aerial Imagery	
	B4 - Algal Mat B5 - Iron Depo				C7 - Thin M Other (Expl		ace			D2 - Geomorp D5 - FAC-Neu		
		ก Visible on Aerial Im	nagery		Other (Expi	allij					aved Hummocks (LRR F)	
	B9 - Water-St		,								,	
Field Observ					,,							
Surface Wat		Yes		oth:	_ (in.)			Wetland F	Hydrology	Present?	N	
Water Table		Yes		oth:	_ (in.)				.,		<u> </u>	
Saturation P	resent?	Yes □	De	oth:	(In)							
					_ (in.)							
Describe Rec	orded Data (s	tream gauge, mon			<u> </u>	ections),	if available:					
Describe Rec	·		itoring well, a	erial photos, pr	evious insp	ections),	if available:					
Remarks:	·	stream gauge, mon	itoring well, a	erial photos, pr	evious insp	ections),	if available:					
Remarks:	No primary	stream gauge, mon or secondary hydr	itoring well, a	erial photos, pr cators were of	revious insposerved.	·		dicators				
Remarks: SOILS Profile Descri	No primary	stream gauge, monor secondary hydrone be to the depth ne	itoring well, a rological ind	cators were of	revious insposerved.	nfirm the	e absence of in					
Remarks: SOILS Profile Descri	No primary	stream gauge, mon or secondary hydr	itoring well, a rological ind	cators were of	revious insposerved.	nfirm the	e absence of in					
Remarks: SOILS Profile Descri	No primary	stream gauge, monor secondary hydrone be to the depth ne	itoring well, a rological ind	cators were of	revious insposerved.	nfirm the	e absence of in ore Lining, M=Matr					
Remarks: SOILS Profile Descri (Type: C=Concer	No primary	or secondary hydrone be to the depth neetion, RM=Reduced M	itoring well, a rological ind	cators were of cument the independent	revious insposerved. icator or co	nfirm the	e absence of in ore Lining, M=Matr	ix)	Texture		Remarks	
Remarks: SOILS Profile Descri	No primary iption (Descri	or secondary hydrobe to the depth neetion, RM=Reduced M	itoring well, a rological independent to document to d	cators were of cators	revious insposerved. icator or co	nfirm the	e absence of in ore Lining, M=Matr		Texture	Abundant gravel	Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer	No primary iption (Descri	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1	itoring well, a rological independent to document to d	cators were of cument the indired/Coated Sand	revious insposerved. icator or co	nfirm the	e absence of in ore Lining, M=Matr	ix)		Abundant gravel Abundant gravel	fragments	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9	No primary iption (Descri	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1	rological ind eeded to doo latrix, CS=Cove	cators were of cators	revious insposerved. icator or co	nfirm the	e absence of in ore Lining, M=Matr	ix)	LS	Abundant gravel	fragments fragments	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9	No primary iption (Descrintration, D=Depleted) Hue_10YR Hue_10YR	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3	rological ind eeded to doo latrix, CS=Cove	cators were of cators	revious insposerved. icator or co	nfirm the	e absence of in ore Lining, M=Matr	ix)	LS LS		fragments fragments	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9	No primary iption (Descrintration, D=Depleted) Hue_10YR Hue_10YR	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3	rological ind eeded to doo latrix, CS=Cove	cators were of cators	revious insposerved. icator or co	nfirm the	e absence of in ore Lining, M=Matr	ix)	LS LS	Abundant gravel	fragments fragments	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9	No primary iption (Descrintration, D=Depleted) Hue_10YR Hue_10YR	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3	rological ind eeded to doo latrix, CS=Cove	cators were of cators	revious insposerved. icator or co	nfirm the	e absence of in ore Lining, M=Matr	ix)	LS LS	Abundant gravel	fragments fragments	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18	No primary iption (Descrintration, D=Depleted) Hue_10YR Hue_10YR	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1	eeded to doo	cators were of cators	revious insposerved. icator or co Grains; Locat	infirm the	e absence of in ore Lining, M=Matr	ix)	LS LS	Abundant gravel	fragments fragments	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18	No primary iption (Descrintration, D=Depleted Hue_10YR Hue_10YR Hue_10YR	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1	eeded to doo	cators were of cators	revious insposerved. icator or co Grains; Locat	infirm the	e absence of in ore Lining, M=Matr es Type	Location	LS LS SL	Abundant gravel Abundant gravel for Problemati	fragments fragments fragments	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	No primary iption (Descrintration, D=Depleted Primary) Hue_10YR Hue_10YR Hue_10YR A1- Histosol	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (ch	eeded to doo	cators were of cators and cators are cators are	revious insposerved. icator or co Grains; Locat (Moist) not present	infirm the	e absence of in ore Lining, M=Matr es Type	Location	LS LS SL Indicators	Abundant gravel Abundant gravel for Problemati fuck (LRR I, J)	fragments fragments fragments c Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	No primary iption (Descrintration, D=Depleted Primary) Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain)	eeded to doo	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix	mfirm the ion: PL=Pe	e absence of in ore Lining, M=Matr es Type	Location	LS LS SL Indicators A9 - 1 cm N A16 - Coast	Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox	fragments fragments fragments c Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	No primary iption (Descrintration, D=Depleted Primary) Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black History	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain)	eeded to doo	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera	Mottle %	e absence of in ore Lining, M=Matr es Type	Location	LS LS SL Indicators: A9 - 1 cm M A16 - Coast S7 - Dark S	Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox urface (LRR G)	fragments fragments c Soils (LRR F, G, H)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain in Sulfide)	eeded to doo	cators were of cators and cators and cators are S5 - Sandy F S6 - Stripped F1 - Loamy F F2 - Loamy F	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix	Mottle %	e absence of in ore Lining, M=Matr es Type	Location	Indicators A9 - 1 cm N A16 - Coast S7 - Dark S F16 - High I	Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depressi	fragments fragments fragments c Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mue	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain in Sulfide Layers (LRR F) ck (LRR FGH)	eeded to doo latrix, CS=Cove	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface	Mottle %	e absence of in ore Lining, M=Matr es Type	Location	Indicators: A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F	Abundant gravel Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depressioned Vertic Parent Material	fragments fragments fragments c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mue A11 - Deplete	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain in Sulfide Layers (LRR FGH) ck (LRR FGH) d Below Dark Surface	eeded to doo latrix, CS=Cove	cators were of cators and cators are Color (CO) Colo	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	Mottle %	e absence of in ore Lining, M=Matr es Type	Location	Indicators A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very	Abundant gravel Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depression ced Vertic Parent Material of Shallow Dark S	fragments fragments fragments C Soils (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Mue A11 - Deplete A12 - Thick D	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface	eeded to doo latrix, CS=Cove	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottle %	e absence of inore Lining, M=Matres Type	Location	Indicators A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very	Abundant gravel Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depressioned Vertic Parent Material	fragments fragments fragments C Soils (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroger A5 - Stratified A9 - 1 cm Muc A11 - Deplete A12 - Thick D S1 - Sandy Mi	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain ipedon stice in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral	eeded to doo latrix, CS=Cove	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottle %	e absence of in ore Lining, M=Matr es Type	Location	Indicators A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very	Abundant gravel Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depression ced Vertic Parent Material of Shallow Dark S	fragments fragments fragments C Soils (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR 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	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LR cky Peat or Peat (LR cky Peat or Peat (LR)	eeded to doo latrix, CS=Cove peck here if	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottle %	e absence of inore Lining, M=Matres Type	Location	Indicators of In	Abundant gravel Abundant gravel Abundant gravel for Problemati Muck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depression ced Vertic Parent Material of Shallow Dark Stain in Remarks)	fragments fragments fragments C Soils (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)	⇒sent,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR 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	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LR cky Peat or Peat (LR cky Peat or Peat (LR)	eeded to doo latrix, CS=Cove peck here if	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottle %	e absence of inore Lining, M=Matres Type	Location	Indicators of In	Abundant gravel Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depression ced Vertic Parent Material of Shallow Dark Stain in Remarks)	fragments fragments c Soils (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface	esent,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR 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	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chain in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LR cky Peat or Peat (LR cky Peat or Peat (LR)	eeded to doo latrix, CS=Cove peck here if	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface Depressions	Mottle %	e absence of inore Lining, M=Matres Type	Location	Indicators of In	Abundant gravel Abundant gravel Abundant gravel for Problemati Muck (LRR I, J) t Prairie Redox urface (LRR G) Plains Depression ced Vertic Parent Material of Shallow Dark Stain in Remarks)	fragments fragments c Soils (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface	esent,
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-9 0-9 9-18 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR 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 S4 - Sandy Gi Type:	be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 4/3 2/1 Indicators (chair) ipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral lucky Peat or Peat (LR leyed Matrix	eeded to doo latrix, CS=Cove peck here if	cators were of cators and cators are ca	revious insposerved. icator or co Grains; Locat (Moist) not present Redox d Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	Mottle % Al Ce sions (ML	e absence of in ore Lining, M=Matres ES Type ARA 72, 73 of LRE Hydric So	Location	LS LS SL Indicators A9 - 1 cm N A16 - Coast S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very Other (Explain	Abundant gravel Abundant gravel Abundant gravel for Problemati fuck (LRR I, J) t Prairie Redox furface (LRR G) Plains Depression for Problematic Parent Material or Shallow Dark Stain in Remarks) hydrophytic vegetal ed or problematic.	fragments fragments c Soils (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface	esent,

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	: L3R				Sample Point: u-154n44w18-e1
VEGETATIO		re non-native	species.)		
Tree Stratum ((Plot size: 30 ft. radius)				Deminence Test Werkshoot
4	Species Name	% Cover	Dominant Y	Ind.Status	Dominance Test Worksheet
1. 2.	Populus deltoides Populus balsamifera	15 10	<u>т</u> Ү	FAC	Number of Deminent Species that are ORL EACW or EAC:
3.		10	<u>'</u> N	FACW FAC	Number of Dominant Species that are OBL, FACW, or FAC:4 (A)
4.	Populus tremuloides		IN	FAC	Total Number of Dominant Species Across All Strata: 6 (B)
5.					Total Number of Dominant Species Across All Strata.
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 66.7% (A/B)
7.					Percent of Dominant Species That Are OBL, FACW, of FAC (A/B)
8.	-				Prevalence Index Worksheet
9.					
10.					
10.	Total Cover =	26			OBL spp. 0
	10tai 00voi –		_		FAC spp. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Sanling/Shrub	Stratum (Plot size: 15 ft. radius)				FACU spp. $\frac{17}{55}$ $x = 4 = 220$
1.	Populus balsamifera	1	Υ	FACW	UPL spp. $\frac{55}{5}$ $\frac{55}{5}$ $\frac{55}{5}$ $\frac{275}{5}$
2.	Populus tremuloides	1	Ү	FAC	. — Ст 2 брр. <u>— СС</u> — Х С — <u>— 270</u>
3.	r opulus tremuloides	· ·	•	1710	Total 138 (A) 568 (B)
4.					1 otal(7)
5.					Prevalence Index = B/A = 4.116
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
	 Total Cover =	2			Prevalence Index is ≤ 3.0 *
					Morphological Adaptations (Explain) *
Herh Stratum ((Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Triticum aestivum	55	Υ	NI	TTODISHTTY arophytic vegetation (Explain)
2.	Setaria pumila	50	· Y	FACU	* Indicators of hydric soil and wetland hydrology must be
3.	Ambrosia artemisiifolia	5	<u>.</u> N	FACU	present, unless disturbed or problematic.
4.	7 time reduce artermenta			17100	Definitions of Vegetation Strata:
5.					
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.
10.	Total Cover =	110			,
	Total Gover =	110	_		
Woody Vine St	tratum (Plot size: 30 ft. radius)				
1.	ratum (Flot size: 50 ft. radius)				
2.					
3.					Hydrophytic Vegetation Present?
5.					
4.					
	Total Cover =	= 0			
Remarks:		nd yellow for	xtail. Som	e trees ar	nd shrubs overlap the plot from the adjacent slope leading into the wetland; the
Additional R	Remarks:				