WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R Ephridae								Date:	09/24/14
Applicant: Investigators		Enbridge RAJ/BJC			Subregio	n (MLRA	A or LRR):	MLRA 56		County: State:	Pennington MN
Soil Unit:	I48A					•	I Classification				
Landform:	Dip				cal Relief:					Sample Point	w-154n44w33-cc1
Slope (%):	3 - 7%	nditions on the sit	Latitude: 48.12		Longitude:			Datum:			
		nditions on the sit			ar? (If no, exp	1			□ No	Section:	
Are Vegetation		□, or Hydrology □, or Hydrology	• •			AI	e normal circur ☑ Yes		esent?	Township: Range:	Dir:
SUMMARY C							103			Range.	511.
Hydrophytic '			Yes					Hydric Soil	ls Present?	? Yes	
Wetland Hyd	•		Yes		-			Is This Sar	mpling Poir	nt Within A W	etland? Yes
Remarks:		low dominated by awn. The vegetat		•				•	•		a extends slightly into a
HYDROLOG		ami. The vegetat			ig, moor o			but then be	voragee me		
Wetland Hy	drology Ind	icators (Check al	l that apply; Mi	nimum of on	e primary	or two s	econdary requ	ired):			
<u>Primary</u> □	: A1 - Surface \	Water		п	B11 - Salt (Crust			Secondary	<u>"</u> B6 - Surface S	Soil Cracks
	A2 - High Wa				B13 - Aqua		a				Vegetated Concave Surface
	A3 - Saturatio				C1 - Hydro					B10 - Drainag	
	B1 - Water M B2 - Sedimen				C2 - Dry Se C3 - Oxidiz		ater Table spheres on Living	Roots (not till	с с	C3 - Oxidized C8 - Crayfish	Rhizospheres on Living Roots (tilled)
	B3 - Drift Dep	•			C4 - Prese	nce of Re	educed Iron			2	n Visible on Aerial Imagery
	B4 - Algal Ma				C7 - Thin M		ace		V	D2 - Geomorp	
	B5 - Iron Dep B7 - Inundatio	osits on Visible on Aerial In	naderv		Other (Exp	lain)				D5 - FAC-Neu D7 - Frost-He	aved Hummocks (LRR F)
	B9 - Water-St								_		
Field Observ		Vee 🗖	Donth		(in)						
Surface Wat Water Table		Yes □ Yes □	Depth Depth		(in.) (in.)			Wetland H	lydrology	Present?	Y
Saturation P		Yes D	Depth		(in.)						
		stream gauge, mon	•								
						ections)	it available.				
Remarks:		f wetland hydrolog	gy are present.	In addition				nd area has t	tire ruts fro	m mowing an	d a mat of wetland mosses that
			gy are present.	In addition				nd area has t	tire ruts fro	om mowing an	d a mat of wetland mosses that
SOILS Profile Descri	are not pres	f wetland hydrolog sent in the surrour ibe to the depth ne	gy are present. Inding upland an eeded to docur	In addition eas. nent the indi	to the liste	ed indica	tors, the wetlar	ndicators.)	tire ruts fro	om mowing an	d a mat of wetland mosses that
SOILS Profile Descri	are not pres	f wetland hydrolog sent in the surrour	gy are present. Inding upland an eeded to docur	In addition eas. nent the indi	to the liste	ed indica	tors, the wetlar	ndicators.)	tire ruts fro	om mowing an	d a mat of wetland mosses that
SOILS Profile Descri	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M	gy are present. Inding upland an eeded to docur	In addition eas. nent the indi	to the liste	onfirm th	tors, the wetlar he absence of in Pore Lining, M=Mat	ndicators.)	tire ruts fro	m mowing an	d a mat of wetland mosses that
SOILS Profile Descri (Type: C=Concer	are not pres	f wetland hydrolog sent in the surrour ibe to the depth ne etion, RM=Reduced M Matrix	gy are present. Inding upland an eeded to docur latrix, CS=Covered	In addition eas. nent the indi d/Coated Sand (to the liste cator or co Grains; Locat	ed indica onfirm th tion: PL=P Mottl	tors, the wetlar te absence of in Pore Lining, M=Mat	ndicators.)		m mowing an	
SOILS Profile Descri (Type: C=Concer Depth (In.)	are not pres	f wetland hydrolog sent in the surrour ibe to the depth ne etion, RM=Reduced M Matrix Color (Moist)	gy are present. Inding upland an eeded to docur	In addition eas. nent the indi	to the liste cator or co Grains; Locat	onfirm th	tors, the wetlar he absence of in Pore Lining, M=Mat	ndicators.)	tire ruts fro Texture		Remarks
SOILS Profile Descri (Type: C=Concer	are not pres	f wetland hydrolog sent in the surrour ibe to the depth ne etion, RM=Reduced M Matrix Color (Moist)	gy are present. Inding upland an eeded to docur latrix, CS=Covered	In addition eas. nent the indi d/Coated Sand (to the liste cator or co Grains; Locat Moist)	ed indica onfirm th tion: PL=P Mottl	tors, the wetlar te absence of in Pore Lining, M=Mat	ndicators.)		very black, high o	Remarks
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100	In addition eas. nent the indi- d/Coated Sand (Color (I	to the liste cator or co Grains; Locat Moist)	onfirm th tion: PL=P Mottl %	tors, the wetlar e absence of in Pore Lining, M=Mat es Type	ndicators.) rix)	Texture C		Remarks
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100	In addition eas. nent the indi- d/Coated Sand (Color (I Hue_7.5YR	to the liste cator or co Grains; Locat Moist) 3/4	onfirm th tion: PL=P Mottl %	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C	ndicators.)	Texture C FS		Remarks
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100	In addition eas. ment the india //Coated Sand (//Coated Sand (//Color (///Coated Sand ()	to the liste cator or co Grains; Locat Moist) 3/4 2.5/5BG	ed indica onfirm th tion: PL=P Mottl % 4 6	tors, the wetlar be absence of in Pore Lining, M=Mat es Type C D	ndicators.)	Texture C FS FS		Remarks
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100 86	In addition eas. nent the indi- d/Coated Sand (Color (I Hue_7.5YR Gley2 Gley2	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG	ed indica	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C D D	ndicators.)	Texture C FS FS		Remarks
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100	In addition eas. nent the indi- d/Coated Sand (Color (I Hue_7.5YR Gley2 Gley2	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG	ed indica	tors, the wetlar be absence of in Pore Lining, M=Mat es Type C D	ndicators.)	Texture C FS FS FS	very black, high o	Remarks organic content
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100 86	In addition eas. nent the indid /Coated Sand (/Coated Sand (//Coated Sand (to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG	ed indica	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C D D	ndicators.) rix) Location M M M	Texture C FS FS FS	very black, high o	Remarks organic content
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SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100 86	In addition eas. nent the indid /Coated Sand (Color (I Hue_7.5YR Gley2 Gley2 Gley2 dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy M	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG 3/10BG ot present edox Matrix fucky Minera	ed indica	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C D D	ndicators.)	Texture C FS FS FS M M Alio - Coas S7 - Dark S	very black, high of the second	Remarks prganic content c Soils ¹ (LRR F, G, H)
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour ibe to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch stic n Sulfide	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100 86	In addition eas. nent the india //Coated Sand G //Coated Sand	to the liste cator or co Grains; Locat Moist) 3/4 2.5/5BG 3/10BG 3/10BG adv Matrix Mucky Minera Bleyed Matrix	ed indica	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C D D	ndicators.)	Texture C FS FS FS M M Alio - Coas S7 - Dark S	very black, high of very black, high of for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi	Remarks prganic content c Soils ¹ (LRR F, G, H)
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch stic n Sulfide Layers (LRR F) ck (LRR FGH)	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the indid /Coated Sand G /Coated Sand G //Coated Sand G	to the liste cator or co Grains; Locat Moist) 3/4 2.5/5BG 3/10BG 3/10BG additional ot present edox Matrix Mucky Minera Gleyed Matrix ark Surface	ed indica	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C D D	ndicators.)	Texture C FS FS FS Mailed S A9 - 1 cm M A16 - Coas S7 - Dark S F16 - High F18 - Reduce TF2 - Red F	very black, high of very black, high of for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material	Remarks organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour ibe to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 6/2 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surfac	are present. ading upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the india //Coated Sand (Color (I Hue_7.5YR Gley2 Gley2 Gley2 Gley2 Gley2 S5 - Sandy R S6 - Stripped F1 - Loamy M F2 - Loamy G F3 - Depleted F6 - Redox D F7 - Depleted	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG 3/10BG adv Matrix Matrix Matrix Matrix ark Surface I Dark Surface	ed indica	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C D D	ndicators.)	Texture C FS FS FS FS A9 - 1 cm M A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very	for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material y Shallow Dark S	Remarks organic content organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surfac	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the india //Coated Sand (//Coated Sand	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG 3/10BG additional ot present edox Matrix Matrix Matrix ark Surface I Dark Surfa epressions	al x	tors, the wetlar e absence of in Pore Lining, M=Mat es Type C D D	ndicators.)	Texture C FS FS FS FS A9 - 1 cm M A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very	very black, high of very black, high of for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material	Remarks organic content organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	Are not pres	f wetland hydrolog sent in the surrour ibe to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 6/2 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surface ucky Mineral fucky Peat or Peat (L	are present. ading upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the india //Coated Sand (//Coated Sand	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG 3/10BG additional ot present edox Matrix Matrix Matrix ark Surface I Dark Surfa epressions	al x	tors, the wetlar	ndicators.)	Texture C FS FS FS FS Mailed of the second A9 - 1 cm M A16 - Coas S7 - Dark S F16 - High F18 - Reduct F18 - Reduct F12 - Very Other (Expl	for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	Are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surfac park Surface ucky Mineral fucky Peat or Peat (LR	are present. ading upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the india //Coated Sand (//Coated Sand	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG 3/10BG additional ot present edox Matrix Matrix Matrix ark Surface I Dark Surfa epressions	al x	tors, the wetlar	ndicators.)	Texture C FS FS FS FS A9 - 1 cm M A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very Other (Expl	for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks organic content organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surfac park Surface ucky Mineral fucky Peat or Peat (LR	are present. ading upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the india //Coated Sand (//Coated Sand	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG 3/10BG additional ot present edox Matrix Matrix Matrix ark Surface I Dark Surfa epressions	al x	tors, the wetlar	ndicators.)	Texture C FS FS FS FS A9 - 1 cm M A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very Other (Expl	for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) ed Below Dark Surfac park Surface ucky Mineral fucky Peat or Peat (LR	are present. ading upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the india //Coated Sand (//Coated Sand	to the liste cator or co Grains; Locat Voist) 3/4 2.5/5BG 3/10BG 3/10BG adv Matrix Matrix Matrix Matrix ark Surface I Dark Surfa epressions ains Depres	al x	tors, the wetlar	ndicators.)	Texture C FS FS FS FS A9 - 1 cm M A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very Other (Expl	for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material y Shallow Dark S ain in Remarks)	Remarks organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface
SOILS Profile Descri (Type: C=Concer Depth (In.) 0-20 20-26 NRCS Hydr	are not pres	f wetland hydrolog sent in the surrour be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 6/2 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surfac ark Surface ucky Mineral fucky Peat or Peat (LR ky Peat or Peat (LR leyed Matrix	gy are present. Inding upland and eeded to docur latrix, CS=Covered % 100 86 100 100 100 100 100 100 100 10	In addition eas. nent the india //Coated Sand G //Coated Sand	to the liste cator or co Grains; Locat Woist) 3/4 2.5/5BG 3/10BG 3/10BG additional of present edox Matrix Mucky Minera Bleyed Matrix I Matrix ark Surface I Dark Surface I Dark Surface	ed indica	tors, the wetlar	ndicators.)	Texture C FS FS FS A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High F18 - Redu TF2 - Red F TF12 - Very Other (Expl ¹ Indicators of unless disturb	very black, high of very black, high of for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressi ced Vertic Parent Material y Shallow Dark S ain in Remarks) hydrophytic vegeta ed or problematic.	Remarks organic content c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface

WETLAND DETERMINATION DATA FORM Great Plains Region

Colope doubled in light receive and we now	Since Total Cover Score Total Score Total	Project/Site:	L3R				Sample Point: w-154n44w33-cc1
Bitstam Dominance Test: Worksheet 1.	Since Total Cover Score Total Score Total						
Second Mate N. Kown Usered Deminance Test Worksheet 2.	Species Name B. Gare Dentinance Test Worksheet 2			are non-native spec	cies.)		
1.	1.	Tree Stratum	· · ·				Deminence Test Werkehest
2	2.	4	Species Name	<u>% Cover Doi</u>	minant	Ind.Status	Dominance Test worksneet
3.	3.						
4.	4.			-			Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)
5.	5.						
6. Percent of Dominant Species That Are DBL, FACW, or FAG. <u>100,095</u> . (ABB): 8. Providence Index Worksheet 9. Total Score =	6. Process of Dominant Species That Are DBL, PACW, or PAC: 100.0% (A/B) 8. Providence Index Worksheet Total Score of Dominant Species That Are DBL, PACW, or PAC: 100.0% (A/B) 10. Total Score of Dominant Species That Are DBL, PACW, or PAC: 100.0% (A/B) 10. Total Score of Dominant Species That Are DBL, PACW, or PAC: 100.0% (A/B) 10. Total Cover = 0 PRCV spp. 0 X 4 1 = 0 11. PACW spp. 0 X 4 = 0 0 12. Total Cover = 0 Total Cover = 1.566 Total Cover = 1.566 13. Total Cover = 0 Total Cover = 1.566 Total Cover = 1.566 14. Total Cover = 0 Total Cover = 1.5 N OBL Maprocolation Indicators: 15. N OBL N Nore of total Cover Section Present						Total Number of Dominant Species Across All Strata: 2 (B)
7.	7. Total Cover = 0 Y	5.					
8. Prevalence Index Worksheet 9. Index Your of: Multiply to Mult	8. Prevalence Index Worksheet 10. Total 2Cover = 10. Total 2Cover = 10. Total 2Cover = 11. PACW stop X 3 = 12. 13. 14. 15. 16. 17. 18. 19. 10. 10. 10. 11. Prevalence Index = B/A = 10. 11. Prevalence Index = B/A = 12. Total Cover = 13.	6.		1			Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
9.	9.	7.		1			
10.	10.	8.					Prevalence Index Worksheet
10.	10.	9.					Total % Cover of: Multiply by:
2.	2.	10.					OBL spp. $40 x 1 = 40$
2.	2.			= 0			FACW spp. 50 x 2 = 100
2.	2.						FAC spp. 0 $x 3 = 0$
2.	2.	apling/Shrub	Stratum (Plot size: 15 ft, radius)				FACU spp. 0 x 4 = 0
2.	2.						UPL spp. 0 $\times 5 = 0$
3.	3.						
4.	4. Prevalence Index = B/A =			1			Total 90 (A) 140 (B)
5.	5. Prevalence Index = B/A = 6.						
6.	6.						Prevalence Index - R/A - 1556
7.	7.		_] T				1 = 100 for a left ce index = 0/A = 1.000
8.	8.						
9.	9.						Undraubutie Verstetien Indiaeterer
10.	10.						
Total Cover =	Total Cover =0 X Prevalence Index is £ 3.0 * b Stratum (Plot size: 5 ft. radius)						
Image: Stratum (Plot size: 5 ft. radius)		10.					
ths Stratum (Plot size: 5 ft. radius) 1. 1. 1. 1. 2. 7. 3. 6. 7. 6. 7. 7. 8. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 10. 11. 11. 12. 13. 14. 15. 16. 17. 18. 19. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 19. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 19. 19. 11. 12. 13. 14. 15. 16. 17. 18. 19. 19. 19. 11. 12. 13. 14. 15. <t< td=""><td>b. Stratum (Plot size: 5 ft, radius) </td><td></td><td>Total Cover</td><td>=0</td><td></td><td></td><td>X Prevalence Index is ≤ 3.0 *</td></t<>	b. Stratum (Plot size: 5 ft, radius)		Total Cover	=0			X Prevalence Index is ≤ 3.0 *
1. Proteins anudrinacea 50 Y FACW 2. Typta × genuca 20 Y OBL * Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 3. Screws pailiating 5 N OBL Persent, unless disturbed or problematic. 5. 6	1 Preatrix auruntinacea 50 Y FACW 2. Typina X glauca 20 Y OBL * Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 3. Science Andread						Morphological Adaptations (Explain) *
2. Typha X glauca 20 Y OBL * Indicators of hydric soil and weitland hydrology must be present, unless disturbed or problematic. 3. Scripps patient/s 5 N OBL Definitions of Vegetation Strata: 5. 5 N OBL Definitions of Vegetation Strata: Tree * Woody plants 3 in: (7.6cm) or more in diameter at breast height. 8.	2. Typha X glauca 20 Y OBL * Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 3. Science and the control public soil and wetland hydrology must be present, unless disturbed or problematic. Definitions of Vegetation Strata: 5.	lerb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
3. Science pailable 15 N OBL present, unless disturbed or problematic. 4. Eleccharls pailastris 5 N OBL Definitions of Vegetation Strata: 5.	3. Scippus publicus 15 N OBL present, unless disturbed or problematic. 4. Eleccharis publishin 5 N OBL Definitions of Vegetation Strata: 5.	1.	Phalaris arundinacea	50	Y	FACW	
3. Definitions of Vegetation Strata: 5. Image: Stratum (Plot size: 30 ft. radius) 1. Image: Stratum (Plot size: 30 f	1 1 1 0	2.	 Typha X glauca	20	Y	OBL	* Indicators of hydric soil and wetland hydrology must be
4. Eteocharks palastris 5 N OBL 5.	4. Eteocharits palustrifs 5 N OBL 5.	3.	Scirpus pallidus	15	Ν	OBL	present, unless disturbed or problematic.
5.	5.	4.	Eleocharis palustris	5	Ν	OBL	Definitions of Vegetation Strata:
6 7. 8. 9. 10. 11. 12. 13. 14. 15. Total Cover =	6 7. 8. 9. 10. 11. 12. 13. 14. 15. Total Cover =						
7	7.						Tree - Woody plants 3 in (7.6cm) or more in diameter at breast
8	8						
9	9.			1			
10.	10.			1			Sanling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
11.	11. 12. 13. 14. 15. Total Cover =		1				
12.	12.		<u> </u>				
13. 14. 15. Total Cover = 0000 Vine Stratum (Plot size: 30 ft. radius) 1. 2. 3. 3. 5. 5. 1. Total Cover = Hydrophytic Vegetation Present?Y emarks: A wet meadow community dominated by reed canary grass and cattail in a low area of a hayfield. The vegetation has been mowed; if not cut, the cattail would have a higher coverage. Hydrophytic vegetation is present.	13. 14. 15. Total Cover = 0dy Vine Stratum (Plot size: 30 ft. radius) 1. 2. 3. 3. 4. Total Cover = 4. Total Cover = marks: A wet meadow community dominated by reed canary grass and cattail in a low area of a hayfield. The vegetation has been mowed; if not cut, the cattail would have a higher coverage. Hydrophytic vegetation is present.		1	 			Hark All harbaccous (non-woody) planta, regardloss of size
14.	14.			1			Herb - All herbaceous (hon-woody) plants, regardless of size.
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