WETLAND DETERMINATION DATA FORM Great Plains Region

		I	Г							T_			
Project/Site:	•									Date:	09/23/14 Dennington		
Applicant: Investigators				Subregion (MLRA or LRR): MLRA 56						County: State:	Pennington MN		
Soil Unit:	148A	KAJ/DJC		Subregion (MLRA or LRR): MLRA 56 NWI Classification:						Slal e .	IVIIN		
Landform:	Depression		Local Relief: LC						Sample Point:	w-154n44w33-w1			
Slope (%):	0 - 2%		Latitude: 48.			-96.31728	36	Datum:					
	hydrologic co	onditions on the site	e typical for	this time of yea				Yes	□ No	Section:			
Are Vegetation		l □, or Hydrology	•	•		Are n	ormal circun	nstances pre	esent?	Township:			
Are Vegetation		, ,	□aturally p	roblematic?			Yes	□ No		Range:	Dir:		
SUMMARY C													
Hydrophytic '	•		Yes		_				ls Present?				
Wetland Hyd			Yes			1.11	Pa 1 41	_		t Within A W			
Remarks:		•	•	•	•				•	•	ters of wetland conditions are		
	•	ne snallow marsn g	gradually trai	nsitions to a na	arrow area	or seage n	neadow on t	ne soutn ea	ge, but it is	too small to t	pe considered separately.		
HYDROLOG													
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):													
Primary		Motor			D11 Calt (Cruct			Secondary:	DG Curfoss S	Coil Crooks		
☑	☑ A1 - Surface Water☑ A2 - High Water Table				B11 - Salt (B6 - Surface S			
☑	A3 - Saturation			□ B13 - Aquatic Fauna □ □ C1 - Hydrogen Sulfide Odor □ □ C2 - Dry Season Water Table □ □ C3 - Oxidized Rhizospheres on Living Roots (not tille □ □ C4 - Presence of Reduced Iron □ □ C7 - Thin Muck Surface □							B8 - Sparsely Vegetated Concave Surface B10 - Drainage Patterns		
	B1 - Water M	arks									C3 - Oxidized Rhizospheres on Living Roots (tilled)		
	B2 - Sedimer	•									Burrows		
	B3 - Drift Dep										n Visible on Aerial Imagery		
☑ ☑	B4 - Algal Ma B5 - Iron Dep)		☑	D2 - Geomorp D5 - FAC-Neu			
		on Visible on Aerial Ima	agery	☐ Other (Explain) ☐							aved Hummocks (LRR F)		
		tained Leaves									,		
Field Observ	vations:												
Surface Wat	er Present?	Yes ☑	Dep	th: 1	(in.)			Metland L	lerdyele avri	3	V		
Water Table	Water Table Present? Yes ☑				- (in.)			wetiand F	lydrology l	Present?	Y		
Saturation P	resent?	Yes ☑	Dep	th: 0	- (in.)								
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:													
LIESCRINE REC	orded Data (9	stream gauge monit	toring well a	erial photos, pr	evious insn	pections) if a	available:						
	<u>`</u>							ric iron in it	throughout	the wetland h	pasin. Wetland hydrology is		
Remarks:	There is sh							ric iron in it	throughout	the wetland b	pasin. Wetland hydrology is		
Remarks:	<u>`</u>							ric iron in it	throughout	the wetland b	pasin. Wetland hydrology is		
Remarks:	There is shopresent.		r in the botto	om of the ditch	and there	is an algal	l mat with fer		throughout	the wetland b	pasin. Wetland hydrology is		
Remarks: SOILS Profile Descri	There is shopresent.	allow surface water	r in the botto	om of the ditch	and there	is an algal	I mat with fer	ndicators.)	throughout	the wetland b	pasin. Wetland hydrology is		
Remarks: SOILS Profile Descri	There is shopresent.	allow surface water	r in the botto	om of the ditch	and there	is an algal	I mat with fer	ndicators.)	throughout	the wetland b	pasin. Wetland hydrology is		
Remarks: SOILS Profile Descri	There is shopresent.	allow surface water	r in the botto eded to doc atrix, CS=Cove	om of the ditch	and there	is an algal	I mat with fer absence of in Lining, M=Matr	ndicators.)	throughout	the wetland b	pasin. Wetland hydrology is		
Remarks: SOILS Profile Descri	There is shopresent.	allow surface water ibe to the depth ne- etion, RM=Reduced Ma	r in the botto	om of the ditch	and there cator or co	onfirm the a	I mat with fer absence of in Lining, M=Matr	ndicators.)	throughout	the wetland b	pasin. Wetland hydrology is Remarks		
Remarks: SOILS Profile Descri (Type: C=Concer	There is showing present.	allow surface water ibe to the depth ne- letion, RM=Reduced Ma Matrix	r in the botto eded to doc atrix, CS=Cove	om of the ditch	and there cator or co	onfirm the a	I mat with fer absence of in E Lining, M=Matr	ndicators.)		the wetland b			
Remarks: SOILS Profile Descri (Type: C=Concer	There is showing present.	allow surface water ibe to the depth ne- letion, RM=Reduced Ma Matrix	r in the botto eded to doc atrix, CS=Cove	om of the ditch	and there cator or co	onfirm the a	I mat with fer absence of in E Lining, M=Matr	ndicators.)		the wetland b			
Remarks: SOILS Profile Descri (Type: C=Concer	There is showing present.	allow surface water ibe to the depth ne- letion, RM=Reduced Ma Matrix	r in the botto eded to doc atrix, CS=Cove	om of the ditch	and there cator or co	onfirm the a	I mat with fer absence of in E Lining, M=Matr	ndicators.)		the wetland b			
Remarks: SOILS Profile Descri (Type: C=Concer	There is showing present.	allow surface water ibe to the depth ne- letion, RM=Reduced Ma Matrix	r in the botto eded to doc atrix, CS=Cove	om of the ditch	and there cator or co	onfirm the a	I mat with fer absence of in E Lining, M=Matr	ndicators.)		the wetland b			
Remarks: SOILS Profile Descri (Type: C=Concer	There is showing present.	allow surface water ibe to the depth ne- letion, RM=Reduced Ma Matrix	r in the botto eded to doc atrix, CS=Cove	om of the ditch	and there cator or co	onfirm the a	I mat with fer absence of in E Lining, M=Matr	ndicators.)		the wetland b			
Remarks: SOILS Profile Descri (Type: C=Concer	There is showing present.	allow surface water ibe to the depth ne- letion, RM=Reduced Ma Matrix	r in the botto eded to doc atrix, CS=Cove	om of the ditch	and there cator or co	onfirm the a	I mat with fer absence of in E Lining, M=Matr	ndicators.)		the wetland b			
Remarks: SOILS Profile Descri (Type: C=Concer	There is shapresent. iption (Description, D=Depl	ibe to the depth neetion, RM=Reduced Ma Matrix Color (Moist)	eded to docatrix, CS=Cove	ument the indired/Coated Sand Color (cator or co	onfirm the ation: PL=Pore Mottles	absence of in Lining, M=Matr	ndicators.)		the wetland b			
Remarks: SOILS Profile Descri (Type: C=Concer	There is showing present.	ibe to the depth neetion, RM=Reduced Ma Matrix Color (Moist)	eded to docatrix, CS=Cove	om of the ditch	cator or co	onfirm the ation: PL=Pore Mottles	absence of in Lining, M=Matr	ndicators.)	Texture		Remarks		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplementation, D=Deplementation)	ibe to the depth neetion, RM=Reduced Ma Matrix Color (Moist)	eded to doc atrix, CS=Cove	ument the indired/Coated Sand Color (cator or co Grains; Locat Moist)	onfirm the ation: PL=Pore Mottles	absence of in Lining, M=Matr	Location	Texture Indicators f	or Problematic	Remarks		
Remarks: SOILS Profile Descri (Type: C=Concer	There is shapresent. iption (Description, D=Depl	ibe to the depth netetion, RM=Reduced Ma Matrix Color (Moist) Indicators (che	eded to doc atrix, CS=Cove	ument the indired/Coated Sand Color (cator or co Grains; Locat Moist)	onfirm the ation: PL=Pore Mottles	absence of in Lining, M=Matr	Location	Texture Indicators f A9 - 1 cm M	or Problemation	Remarks		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplementation, D=Deplementation) ric Soil Field A1- Histosol	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (chapipedon	eded to doc atrix, CS=Cove	ment the indired/Coated Sand Color (ndicators are in the sand in	cator or co Grains; Locat Moist)	onfirm the ation: PL=Pore Mottles % ti):	absence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast	or Problematic	Remarks c Soils ¹ (LRR F, G, H)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplementation, D=Deplementation, D=Deplementation) A1- Histosol A2 - Histic Ep A3 - Black Historoge	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (checking stice in Sulfide	eded to doc atrix, CS=Cove	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy C	cator or co Grains; Locat Moist) Moist) not present	onfirm the ation: PL=Pore Mottles % t):	absence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression	Remarks c Soils ¹ (LRR F, G, H)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplementation, D=Deplementation, D=Deplementation) A1- Histosol A2 - Histic Eplementation A3 - Black Histosol A4 - Hydroge A5 - Stratified	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (chappedon stic in Sulfide is Layers (LRR F)	r in the botto	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy C F3 - Depleted	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera	onfirm the ation: PL=Pore Mottles % ti):	absence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduce	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic	Remarks c Soils ¹ (LRR F, G, H)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplementation, D=Dep	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (checking stice in Sulfide in Sulfid	eeded to docatrix, CS=Cove	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface	onfirm the ation: PL=Pore Mottles w t):	absence 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	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic arent Material	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplete Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (check in Sulfide I Layers (LRR FGH) and Below Dark Surface	r in the botto	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	monfirm the antion: PL=Pore Mottles w tion: The pore Mottles t):	absence of in Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic earent Material Shallow Dark S	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplete A1- Histosol A2 - Histic Ep A3 - Black Histosol A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (characters) Sipedon Stic (Characters) A Layers (LRR F) Book (LRR FGH) Book (LRR FGH) Book Surface Dark Surface	r in the botto	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	onfirm the ation: PL=Pore Mottles % ti):	absence of in E Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic arent Material	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Deplete A1- Histosol A2 - Histic Ep A3 - Black Histosol A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick E S1 - Sandy M	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (check is a sulfide of Layers (LRR F) ock (LRR FGH) och cark Surface ducky Mineral	eeded to docatrix, CS=Cove	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	onfirm the ation: PL=Pore Mottles % ti):	absence of in E Lining, M=Matr	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic earent Material Shallow Dark S	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Depleter) A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Depleter A12 - Thick D S1 - Sandy M S2 - 2.5 cm M	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (characters) Sipedon Stic (Characters) A Layers (LRR F) Book (LRR FGH) Book (LRR FGH) Book Surface Dark Surface	r in the botto	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	onfirm the ation: PL=Pore Mottles % ti):	absence of in E 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 (Expla	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic earent Material Shallow Dark Senin in Remarks)	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Depleter) A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Depleter A12 - Thick D S1 - Sandy M S2 - 2.5 cm M	ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (characters) Sipedon Stic (Characters) Sipedon Stic (Characters) Sick (LRR FGH) Sick (LRR FGH)	r in the botto	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	onfirm the ation: PL=Pore Mottles % ti):	absence of in E 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 (Expla	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic earent Material Shallow Dark Senin in Remarks)	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Depleter A1- Histosol A2 - Histic Eppenda A3 - Black Histosol A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Depleter A12 - Thick Day - 2.5 cm Mu S2 - 2.5 cm Mu S3 - 5 cm Mu	ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (characters) Sipedon Stic (Characters) Sipedon Stic (Characters) Sick (LRR FGH) Sick (LRR FGH)	r in the botto	ment the indired/Coated Sand Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	onfirm the ation: PL=Pore Mottles % ti):	absence of in E 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 (Expla	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic rarent Material Shallow Dark Stain in Remarks)	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Depleted) 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 M S3 - 5 cm Mu S4 - Sandy G	allow surface water ibe to the depth negetion, RM=Reduced Ma Matrix Color (Moist) Indicators (characters) Sipedon Stic (Characters) All Layers (LRR F) Cok (LRR FGH) Cok (LRR FGH) Cok (LRR FGH) Cok Below Dark Surface (LRR Surface) Coark Surface (LRR Surface) Coark Surface (LRR F) Coark	r in the botto	ment the indired/Coated Sand Color (Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High Pl	cator or congrains; Locate Moist) Moist) Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	onfirm the ation: PL=Pore Mottles % ti):	absence 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	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic rarent Material Shallow Dark Stain in Remarks)	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	There is shapresent. iption (Description, D=Depleted A1- Histosol A2 - Histic Epheram A3 - Black History A4 - Hydroge A5 - Stratified A9 - 1 cm Muland A11 - Depleted A12 - Thick End A13 - Sandy End A14 - Sandy End A15 - S	allow surface water ibe to the depth need toon, RM=Reduced Marix Color (Moist) Indicators (characters) Sipedon Stic (Characters) All Layers (LRR F) (CRR F) (CRR FGH) Sick (LRR FGH) Sick (LRR FGH) Sick Surface (LRR Surface) Surface (LRR Surface) Sucky Mineral (LRR F) Sick (LRR FOH) Sick Surface (LRR Surface) Sick Surface (LRR	eded to docatrix, CS=Cove	ment the indired/Coated Sand Color (Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High Pl	cator or congrains; Locate Moist) Moist) Redox I Matrix Mucky Mineral Cleyed Matrix Dark Surface d Dark Surface	monfirm the action: PL=Pore Mottles Mottles t):	A 72, 73 of LRF	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Sc F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	or Problemation uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic rarent Material Shallow Dark Stallow Dark Stallow sin in Remarks) sydrophytic vegetated or problematic.	Remarks c Soils¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface		

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site	: L3R				Sample Point: w-154n44w33-w1				
VEGETATIO	(Species identified in all uppercase a	re non-native	species.)						
Tree Stratum	(Plot size: 30 ft. radius)								
	<u>Species Name</u>	% Cover	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet				
1.									
2.					Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)				
3.					``				
4.					Total Number of Dominant Species Across All Strata: 2 (B)				
5.					- Total Number of Borninant Openes Noross / III Strata.				
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)				
7.									
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.					OBL spp. $92 x 1 = 92$				
	 Total Cover =	0			FACW spp. 5 $\times 2 = 10$				
			_		$A = \frac{A + A}{A}$				
Sanling/Shruh	Stratum (Plot size: 15 ft. radius)				OBL spp. 92				
1.	Straturi (Flot size. 13 ft. radius)				1 LIDL and X 4 = 0				
2.									
3.					Total <u>97</u> (A) <u>102</u> (B)				
4.									
5.					Prevalence Index = $B/A = 1.052$				
6.					1				
7.									
8.					Hydrophytic Vegetation Indicators:				
9.									
10.					Rapid Test for Hydrophytic Vegetation				
10.	Tatal Casa				X Dominance Test is > 50%				
	Total Cover =	0			X Prevalence Index is ≤ 3.0 *				
					Morphological Adaptations (Explain) *				
Herb Stratum	(Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Typha X glauca	60	Υ	OBL					
2.	Carex pellita	20	Υ	OBL	* Indicators of hydric soil and wetland hydrology must be				
3.	Schoenoplectus tabernaemontani	10	N	OBL	present, unless disturbed or problematic.				
4.	Juncus arcticus	5	N	FACW	Definitions of Vegetation Strata:				
			N	OBL	Definitions of Vegetation Strata.				
5.	Lycopus asper	2	IN	OBL	<u></u>				
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.					1				
11.					1				
12.					Herb - All herbaceous (non-woody) plants, regardless of size.				
					- Tier D = 7 iii nisisaassaa (nen treeay) piante, regaraissa en eize.				
13.					4				
14.									
15.					Woody Vines - All woody vines, regardless of height.				
	Total Cover =	97							
			_						
Woody Vine S	tratum (Plot size: 30 ft. radius)								
1.	Takin (Flot 6126)				1				
2.									
					- Wardenburg Variation Decomps				
3.					Hydrophytic Vegetation Present?Y				
5.									
4.									
	Total Cover =	= 0							
Remarks:	A shallow marsh community dominated by o	attail and v	voolly sed	ge. The ca	attail is a hybrid swarm of Typha angustifolia and Typha X glauca, and the two taxa				
	cannot be reliably distinguished, so they are		•	-					
	The state of the s			75.70.71	——————————————————————————————————————				
	5								
Additional Remarks:									