WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

	State: MN Sampling Point: w-51n26w33-b4 Section, Township, Range: S. 34 T. 51N R. 26W ocal relief (concave, convex, none): concave Slope: 0.0 % / 0.0 5 51.8235 Long.: -93 37.3177 Datum: NAD 83
Landform (hillslope, terrace, etc.): Lowland Subregion (LRR or MLRA): LRR K Lat.:	ocal relief (concave, convex, none): concave Slope: 0.0 % / 0.0
Subregion (LRR or MLRA): LRR K Lat.:	ocal relief (concave, convex, none): concave Slope: 0.0 % / 0.0
	6.51.8235 Long.: -93.37.3177 Datum: NAD 83
•	NWI classification: PSSB
Are climatic/hydrologic conditions on the site typical for this time of ye	
Are Vegetation	, , , , , , , , , , , , , , , , , , ,
	And Horman discumbances present.
Are Vegetation, Soil, or Hydrology naturally processes of Findings - Attach site man showing sites	oblematic? (If needed, explain any answers in Remarks.) mpling point locations, transects, important features, etc.
	inpinig point locations, transects, important leatures, etc
, , , , , , , , , , , , , , , , , , ,	Is the Sampled Area
Van 🔊 Na 🔿	within a Wetland? Yes No
Wetland Hydrology Present? Yes NO Remarks: (Explain alternative procedures here or in a separate repor	
Hydrology Wetland Hydrology Indicators:	Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Leav	s (B9) Drainage Patterns (B10)
High Water Table (A2) Aquatic Fauna (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposits (B15)	Dry Season Water Table (C2)
Water Marks (B1) Hydrogen Sulfide C	
	es along Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Churtod on Standard Plants (C4)
☐ Drift deposits (B3) ☐ Presence of Reduct ☐ Algal Mat or Crust (B4) ☐ Recent Iron Reduct	
Thin wack surface	
☐ Inundation visible on Aerial Imagery (B7) ☐ Other (Explain in R ☐ Sparsely Vegetated Concave Surface (B8)	FAC-neutral Test (D5)
E-14 Observations	
Field Observations: Surface Water Present? Yes No Depth (inches):	0
Water Table Present? Yes No Depth (inches):	15
Saturation Present? (includes capillary fringe) Yes No Depth (inches):	Wetland Hydrology Present? Yes No No
Describe Recorded Data (stream gauge, monitoring well, aerial photo	previous inspections), if available:
Remarks:	

VEGETATION - Use scientific names of plants

vegeration - ose scientific fiames of pr	ancs			Sampling Point: w-51n26w33-b4
(0) - 20	Absolute	Dominant English	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30)	% Cover	Species?	Status	Number of Dominant Species
1	0			That are OBL, FACW, or FAC:3 (A)
2	0			Total Number of Dominant
3				Species Across All Strata:3(B)
4	0			
5	0			Percent of dominant Species That Are ORL FACW or FAC: 100.0% (A/B)
6				That Are OBL, FACW, or FAC:100.0% (A/B)
7				Prevalence Index worksheet:
Sapling/Shrub Stratum (Plot size: 15)	=	Total Cover		Total % Cover of: Multiply by:
1 Alnus incana	5	✓	FACW	0BL species 90 x 1 = 90
2				FACW species 10 x 2 = 20
3		П		FAC speci es <u>5</u> x 3 = <u>15</u>
4		П		FACU species $0 \times 4 = 0$
5				UPL speci es $0 \times 5 = 0$
6				Column Totals: 105 (A) 125 (B)
•				
7				Prevalence Index = B/A = 1.190
Herb Stratum (Plot size: 5		: Total Cover		Hydrophytic Vegetation Indicators:
	40	✓	OBL	Rapid Test for Hydrophytic Vegetation
		<u>~</u>	OBL	✓ Dominance Test is > 50%
			FAC	✓ Prevalence Index is ≤3.0 ¹
3. Rumex crispus	_		FACW	☐ Morphological Adaptations ¹ (Provide supporting
4. Symphyotrichum novae-angliae			FACW	data in Remarks or on a separate sheet)
5				☐ Problematic Hydrophytic Vegetation ¹ (Explain)
6				1 To disabout of budgie sell and webland budgels as most
7				Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
8				
9				Definitions of Vegetation Strata:
0				Tree - Woody plants, 3 in. (7.6 cm) or more in diameter
1	0			at breast height (DBH), regardless of height.
2	0			Sapling/shrub - Woody plants less than 3 in. DBH and
(Plot size, 20	100 =	Total Cover	•	greater than 3.28 ft (1m) tall
Woody Vine Stratum (Plot size: 30)	_			
1				Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
2				size, and woody plants less than 5.20 it tall.
3				Woody vine - All woody vines greater than 3.28 ft in
4				height.
		Total Cover	•	
				Hydrophytic Vegetation
				Present? Yes No
Remarks: (Include photo numbers here or on a separate s	hoot)			
Remarks. (Include photo numbers here of on a separate s	ileet.)			

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil Sampling Point: w-51n26w33-b4

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Histosol (A1) Histic Epipedon Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Below Thick Dark Surf Sandy Muck Mi Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydroestrictive Layer	n (A2) 3) ide (A4) ers (A5) w Dark Surface (rface (A12) lineral (S1) Matrix (S4) (S5) x (S6)		MLR/ Thin Loan Loan Depl	A 149B) Dark Surfa ny Mucky N ny Gleyed leted Matri: Dx Dark Su leted Dark	ace (S9) (Mineral (F1) Matrix (F2) x (F3) rface (F6) Surface (F	LRR R, MLF) LRR K, L)	RA 149B)	2 cm Muck (A10) Coast Prairie Red 5 cm Mucky Peat Dark Surface (S7 Polyvalue Below 9 Thin Dark Surface	(LRR K, L, MLRA 149B) ox (A16) (LRR K, L, R) or Peat (S3) (LRR K, L, R)) (LRR K, L, M) Surface (S8) (LRR K, L) e (S9) (LRR K, L) Masses (F12) (LRR K, L, R)
Histic Epipedon Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Below Thick Dark Surf Sandy Muck Mi Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydroestrictive Layer Type:	3) ide (A4) ers (A5) w Dark Surface (rface (A12) lineral (S1) Matrix (S4) (S5) x (S6)		MLR/ Thin Loan Loan Depl	A 149B) Dark Surfa ny Mucky N ny Gleyed leted Matri: Dx Dark Su leted Dark	ace (S9) (Mineral (F1) Matrix (F2) x (F3) rface (F6) Surface (F	LRR R, MLF) LRR K, L)	RA 149B)	Coast Prairie Red 5 cm Mucky Peat Dark Surface (S7 Polyvalue Below 9 Thin Dark Surface	ox (A16) (LRR K, L, R) or Peat (S3) (LRR K, L, R)) (LRR K, L, M) Surface (S8) (LRR K, L) e (S9) (LRR K, L) Masses (F12) (LRR K, L, R)
Black Histic (A3 Hydrogen Sulfic Stratified Layer Depleted Below Thick Dark Surf Sandy Muck Min Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydroestrictive Layer Type:	3) ide (A4) ers (A5) w Dark Surface (rface (A12) lineral (S1) Matrix (S4) (S5) x (S6)		Loan Loan Depl Redo Depl	my Mucky M my Gleyed leted Matri: ox Dark Su leted Dark	Mineral (F1 Matrix (F2) x (F3) rface (F6) Surface (F)		5 cm Mucky Peat Dark Surface (S7 Polyvalue Below S Thin Dark Surface Iron-Manganese	or Peat (S3) (LRR K, L, R)) (LRR K, L, M) Surface (S8) (LRR K, L) e (S9) (LRR K, L) Masses (F12) (LRR K, L, R)
Stratified Layer Depleted Below Thick Dark Surf Sandy Muck Mil Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydrestrictive Layer Type:	ers (A5) w Dark Surface (rface (A12) lineral (S1) Matrix (S4) (S5) x (S6)		Loan Depl Redo	my Gleyed leted Matri: ox Dark Su leted Dark	Matrix (F2) x (F3) rface (F6) Surface (F)		Dark Surface (S7 Polyvalue Below S Thin Dark Surface Iron-Manganese) (LRR K, L, M) Surface (S8) (LRR K, L) e (S9) (LRR K, L) Masses (F12) (LRR K, L, R)
Depleted Below Thick Dark Surf Sandy Muck Mil Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydrestrictive Layer Type:	w Dark Surface (rface (A12) lineral (S1) Matrix (S4) (S5) x (S6)		Depl Redo	leted Matri ox Dark Su leted Dark	x (F3) rface (F6) Surface (F			Polyvalue Below : Thin Dark Surface Iron-Manganese	Surface (S8) (LRR K, L) e (S9) (LRR K, L) Masses (F12) (LRR K, L, R)
Thick Dark Surf Sandy Muck Mil Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydroestrictive Layer Type:	rface (A12) lineral (S1) Matrix (S4) (S5) x (S6)		Redo	ox Dark Su leted Dark	rface (F6) Surface (F	7)		☐ Thin Dark Surface☐ Iron-Manganese	e (S9) (LRR K, L) Masses (F12) (LRR K, L, R)
Sandy Muck Min Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydro estrictive Layer Type:	lineral (S1) Matrix (S4) (S5) x (S6)	RA 149B)	Depl	leted Dark	Surface (F	7)		Iron-Manganese	Masses (F12) (LRR K, L, R)
Sandy Gleyed M Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydro Estrictive Layer Type:	Matrix (S4) (S5) x (S6)	RA 149B)				7)		Piedmont Floodpl	lain Sails (E10) (MLDA 140P)
Sandy Redox (S Stripped Matrix Dark Surface (S Indicators of hydrestrictive Layer Type:	(S5) x (S6)	RA 149B)	□ Reuc	ox Depress	SIOTIS (1 0)				Idili 30115 (F19) (IVILKA 1490)
Stripped Matrix Dark Surface (S Indicators of hydrestrictive Layer Type:	x (S6)	RA 149B)						Mesic Spodic (TA	6) (MLRA 144A, 145, 149B)
Dark Surface (S Indicators of hydro estrictive Layer of Type:		RA 149B)						Red Parent Mater	rial (F21)
Indicators of hydrostrictive Layer Type:	(S/) (LKK K, IVILE	(A 149B)						Very Shallow Dar	
estrictive Layer								Other (Explain in	Remarks)
Type:	rophytic vegetat	ion and wetla	ind hydrology	must be p	oresent, un	less disturl	ed or probl	lematic.	
	(if observed):								
Donth (inches):									
Deptit (inches).	:							Hydric Soil Present?	Yes ● No ○
emarks:									