	ship, Range: <u>S5</u> ef (concave, con					
ection, Towns Local Relie	ship, Range: <u>S5</u> ef (concave, con					
Local Relie	ef (concave, con					
6.82630123		Local Relief (concave, convex, none): <u>CL</u> Slope (%): <u>0-2%</u>				
	_					
		NWI Classification: N/A				
Are climatic/hydrologic conditions on the site typical for this time of year? (if no, explain in Re						
" معد (اممط	Normal Circum	stances" arecento Vos				
		stances" present? Yes				
locations, tra	ansects, import	ant features, etc.				
Is the Sampled Area						
within a W	-	Yes				
1	ional Wetland S	ite ID: w-150n48w5-aa				
)						
l road, possib	le buried utilitio	25.				
		1				
Dominant	Indicator	Dominance Test worksheet:				
Species?	Status	Number of Dominant Species				
		That Are OBL, FACW, or FAC: 2 (A)				
		_ Total Number of Dominant				
		_ Species Across All Strata: 2 (B)				
Tatal Ca		Percent of Dominant Species				
Total Cover		That Are OBL, FACW, or FAC: <u>100</u> (A/B)				
		Prevalence Index worksheet:				
		_ Total % Cover of: Multiply by:				
		OBL species         30.00         x 1         30           FACIW species         70.00         x 2         140				
		FACW species 70.00 x 2 140				
		FACU species         0.00         x 3         0           UPL species         0.00         x 4         0				
Total Cover						
rotal Cover		Column Totals $100$ (A) $170$ (B) Prevalence Index = B/A = 1.7				
Yes	FACW	Hydrophytic Vegetation Indicators:				
res	OBL	Yes 1 - Rapid Test for Hydrophytic Vegetation				
		yes 2 - Dominance Test is > 50%				
		yes 3 - Prevalence Index is $\leq 3.0^{1}$				
		4 - Morphological Adaptations <sup>1</sup> (Provide				
		supporting data in Remarks or on a separate sheet)				
		Problematic Hydrophytic Vegetation <sup>1</sup>				
		(Explain)				
		<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present,				
		unless disturbed or problematic.				
		_				
Total Cover						
		-1				
		_				
Total Cover						
		Undrophytic				
		Hydrophytic Vegetation				
		Present? Yes				
-	lotal Cover	lotal Cover				

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SOIL								Sampling Po	oint: <u>w-150n48</u>		
Profile Descri	ption: (Describe to the de	pth neede	d to document the	indicat	or or cor	nfirm the	e absence of in	ndicators.)			
Depth	Matrix		Redox F	eatures	i						
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remark	S		
					·						
1											
	ntration, D=Depletion, RM=Re	duced Matrix	<, MS=Masked Sand Gra	ins.				-	Pore Lining, M=Matrix.		
Hydric Soil Indic	ators:		_				_	s for Problematic Hydric Soil <sup>3</sup> :			
Histosol (	(A1)		Sandy Gleyed	Matrix (S	54)		1cr	n Muck (A9) ( <b>LRR I, J</b> )			
Histic Epi	pedon (A2)		Sandy Redox (	S5)			🗌 Coa	st Prairie Redox (A16)( <b>LRR K, L, R</b>	)		
Black His	tic (A3)		Stripped Matr	ix (S6)			🗌 Dar	k Surface (S7) ( <b>LRR G</b> )			
Hydroger	n Sulfide (A4)		Loamy Mucky	Mineral	(F1) <b>(LRR</b>	K, L)	🗌 Higl	h Plains Depressions (F16)			
Stratified	l Layers (A5)		Loamy Gleyed	Matrix (	F2)		(LRR	H outside of MLRA 72 & 73)			
								uced Vertic (F18)			
<b>—</b>	1cm Muck (A9) (LRR F, G, H) Depleted Matrix (F3)						_				
Depleted	l Below Dark Surface (A11)		Redox Dark Su	irface (F6	5)			Parent Material (F21)			
L Thick Dar	rk Surface (A12)		Depleted Dark	Surface	(F7)		L Ver	Very Shallow Dark Surface (TF12)			
Sandy M	ucky Mineral (S1)		Redox Depressions (F8)					✓ Other (explain in remarks)			
2.5cm M	ucky Peat or Peat (S2)(LRR G, I	H)	High Plains De	pression	is (F16)		3	3			
5cm Muc	ky Peat or Peat (S3) ( <b>LRR F</b> )		(MLRA 72	& 73 of L	RR H)		<sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless				
			·		,			l or problematic.			
Restrictive Layer	r (if present):										
Туре:											
Depth (inches): Hydric Soil Present? Yes											
Remarks:											
No digging ovic	ting field road notantial buriag	utilities M	ulu minaral taxtura ah	- on and at	curfaca (	Coile alco e	scumod bydric b	acad an wag/budra			
NO digging, exis	ting field road, potential buried	i utilities. Ivit	icky mineral texture ob	served at	surface. s	sons also a	issumed nyaric b	ased on veg/nydro.			
HYDROLO	-										
Wetland Hyd	rology Indicators:										
Primary Indica	ators (minimum of one is i	equir <u>ed; c</u>	heck all th <u>at apply)</u>				Se	condary Indicators (minimu	m of two r <u>equired)</u>		
Surface Water (A1) Salt Crust (B11)								Surface Soil Cracks (B6)			
High Wa	ter Table (A2)	-	Aquatic Inverteb	orates (B1	13)		-	Sparsely Vegetated Concave Surface (B8)			
yes Saturatio	on (A3)	-	Hydrogen Sulfid	e Odor (O	21)		-	Drainage Patterns (B10)			
Water M	larks (B1)	Dry-Season Water Table (C2)					-	Oxidized Rhizospheres on Living Roots (C3)			
Sedimen	t Deposits (B2)	Oxidized Rhizospheres on Living Roots (C3)				ots (C3)		(where tilled)			
	Drift Deposits (B3) (where not tilled)							Crayfish Burrows (C8)			
	t or Crust (B4)	-	Presence of Reduced Iron (C4)				-	Saturation Visible on Aerial Imagery (C9)			
Iron Dep		-	Thin Muck Surface (C7)				-	<u>yes</u> Geomorphic Position (D2)			
Water-Stained Leaves (B9) Other (Explain in Remarks) Inundation Visible on Aerial Imagery (B7)					s)		<u>)</u>	<u>/es</u> FAC-Neutral Test (D5)	- (		
		7)						Frost-Heave Hummocks (D	7) (LRR F)		
Field Observa Surface Wate		No	Depth (inch								
Water Table F		<u> </u>	Depth (incr Depth (incr								
Saturation Pre		Yes					Wetlan	d Hydrology Present?	Yes		
	aturation Present? <u>Yes</u> Depth (inches) <u>0</u> ncludes capillary fringe)							, , , , , , , , , , , , , , , , , , , ,			

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No digging, could not confirm/deny water table. Saturation observed at surface. Grand Marais Creek crossing.

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and an and a	12
Latitude: 47.8409624286441	Cowardin Classification: PEM
Longitude: -96.8262855616369 Direction: south	Circular 39: 2
	Eggers & Reed: Fresh (Wet) Meadow
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Site Photograph 2	Sampling Point: w-150n48w5-aa1

Longitude: -96.8262855616369

Direction: north

Remarks:

Circular 39: 2

Eggers & Reed: Fresh (Wet) Meadow