WETLAND DETERMINATION DATA FORM - Great Plains Region

Project/Site: City	/County:			Sampling Date:	2015-06-03		
Applicant/Owner:		Mini State:	nesota	Sampling Point:	u-150n39w29-c1		
LEB/BCS Investigator(s): Section, Township, Range:							
depression Landform (hillslope, terrace, etc.):		Local Relief	(concave, conv	CL vex, none):	0-2% Slope (%):		
LRR F 47.776551023195.67589919 Subregion (LRR or MLRA): Latitude: Longitude:							
Minnesota State Plane North, NAD 83 (2011) U.S. feet Datum:							
Soil Map Unit Name:				NWI Classification	PEMA on:		
Are climatic/hydrologic conditions on the site typical	•				Yes		
Yes Yes No Are Vegetation, Soil, or Hydrology	_ significantly distu	irbed? Are "N	Normal Circums	tances" present?			
Are Vegetation No	naturally problema	tic? (If need	ed, explain any	answers in Remarks)			
SUMMARY OF FINDINGS - Attach site map showi	ng sampling point l	ocations, tra	nsects, importa	ant features, etc.			
N Hydrophytic Vegetation Present?	0	Is the Sam	pled Area				
N Hydric Soil Present?	No within a Wetland?		otland?	No			
, N	0	i	onal Wetland Si	te ID:	-		
Wetland Hydrology Present? Remarks: (Explain alternative procedures here or in		ii yes, optic	Jilai Wedana Ji				
The point is located in a swale within a cropped field		oed as an NW	I, however no v	wetland indicators are present			
				·			
VEGETATION - Use scientific names of plants.							
VEGETATION See scientific frames of plants.	Absolute	Dominant	Indicator	Dominance Test worksheet:			
Tree Stratum (Plot Size:)	% Cover	Species?	Status	Number of Dominant Species			
1				That Are OBL, FACW, or FAC: 0	(A)		
2				Total Number of Dominant			
3				Species Across All Strata:	(B)		
4				Percent of Dominant Species			
	0 =	Total Cover		0 That Are OBL, FACW, or FAC:	(A/B)		
Sapling/Shrub Stratum (Plot Size:)				Prevalence Index worksheet:			
1				Total % Cover of:	Multiply by:		
2				OBL species 0.00	_ x 1 0		
3				FACU species 0.00 10.00	x 2		
5.				FACU species 10.00 UPL species 0	_ x3 <u>20</u> x4 0		
	0 =	Total Cover		Column Totals 15			
Herb Stratum (Plot Size:)				Prevalence Index = B/	A = 3.3333		
1. Hordeum vulgare 2. Calystegia sepium	75.00 Ye			Hydrophytic Vegetation Indicators	:		
Cilono vulgario	10.00 N		FAC	1 - Rapid Test for Hydroph	-		
3. Ambrosia artemisiifolia	5.00 N		FACU	no 2 - Dominance Test is > 50 no 3 - Prevalence Index is ≤ 3	_		
5				4 - Morphological Adapta			
6				supporting data in Remarks or o	n a separate sheet)		
7			-	Problematic Hydrophytic Vegetatio	n ¹		
8				(Explain)			
9			-	Indicators of hydric soil and wetland hydro unless disturbed or problematic.	logy must be present,		
10							
	95 =	Total Cover					
Woody Vine Stratum (Plot Size:)							
1	. <u></u>			-			
2	- 			_			
	0 =	Total Cover					
% Bare Ground in Herb Stratum 5				Hydrophytic Vegetation Present?			
Remarks:				<u>, </u>			
The vegetation consists of planted barley with some scattered agricultural weeds throughout.							

SOIL Sampling Point: u-150n39...

Indicators for Problematic Hydric Soil* Indicators for Problematic Hydric Soil* Indicators for Problematic Hydric Soil* Into Muck (Ay) (LIRR I. I. I. Im Muck (Ay) (LIRR I. I. I. I. Im Muck (Ay) (LIRR I.	nches) Color (moist)		Redox Features	
1978 1978		%		Texture Remarks
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Indicators: Indicators for Problematic Hydric Soil P: Indicators for Indicat				
Indicators: History (A1) Cambridge (A2) Sandy (Reped Matrix (S4) Cambridge (A2) Cambridge (A2) Sandy (Reped Matrix (S5) Cast Prairie (Rev. (A1) (LBR L, I) Black Histic (A3) Stropped Matrix (S5) Cast Prairie (Rev. (A1) (LBR L, I) Hydrogen Sudde (A4) Learny Micky Mineral (E) (LBR K, L) High Plains Depressions (E10) Stratified Layers (A3) Learny Micky Mineral (E) (LBR K, L) High Plains Depressions (E10) Stratified Layers (A3) Depleted Matrix (F2) LBR A Outside of MiRA 72 & 73) Indicator of Durk Surface (A11) Redox Durk Surface (F6) Redox Durk Surface (F18) Depleted Below Durk Surface (A11) Redox Durk Surface (F6) Redox Durk Surface (F18) Sandy Mincly Mineral (S1) Redox Durk Surface (F7) Very Shallow Dark Surface (F72) Sandy Mincly Mineral (S1) Redox Durk Surface (F7) Very Shallow Dark Surface (F72) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F16) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F18) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F18) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F18) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F18) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F18) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressions (F18) Schin Mincky Part or Part (S2) (LBR G, H) High Plains Depressio				
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Black Histor (A5)	Histosol (A1)		Sandy Gleyed Matrix (S4)	1cm Muck (A9) (LRR I, J)
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trydrogen Sulfide (A4)				
Stratified Layers (AS) Loamy Gleyed Matrix (F2) (LRR H outside of MLRA 72 & 73) Izem Musk (AS) (LRR F, G, H) Depleted Matrix (F3) Reduced Vertic (F18) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Red Parent Material (F21) Thick Dark Surface (A12) Depleted Dark Surface (F7) Very Shalawo Dark Surface (F12) Sandy Musky Mineral (S1) Redox Depressions (F8) Other (explain in remarks) 2.5cm Musky Peat or Peat (S2) (LRR G, H) High Pfains Depressions (F16) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Strictive Layer (if present): William Problematic (Soil Present? No Nother (Soil Present? No				
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2.5cm Mucky Peat or Peat (52) (LRR G, H)	¬			
Scm Mucky Peat or Peat (S3) (LRR F)	Sandy Mucky Mineral (S1)		Redox Depressions (F8)	Uther (explain in remarks)
Sem Mucky Peat or Peat (S3) (LRR F) (MLRA 72 & 73 of LRR H) wetland hydrology must be present, unless disturbed or problematic. Setrictive Layer (if present): Type:	2.5cm Mucky Peat or Peat (S2)(LR	RR G, H)	High Plains Depressions (F16)	³ Indicators of hydrophytic vegetation and
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Type:				disturbed or problematic.
Type:	strictive Layer (if present):			
Depth (inches):	Type:			_
WPROLOGY Vetland Hydrology Indicators:				Hydric Soil Present? No
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Latitude: 47.7703742410419	Cowardin Classification:
Longitude: -95.6759532541928	Circular 39:
Direction:	Eggers & Reed:
Remarks:	
US Army Corps of Engineers	Northcentral and Northeast Region – Version 2.0
Site Photograph 2	Sampling Point: u-150n39w29-c1
Latitude:	Cowardin Classification:
Longitude:	Circular 39:
Direction:	Eggers & Reed:
Remarks:	

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