WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		SPP								Date: <u>06/23/14</u>		
Applicant:							County: Marshall					
	nvestigators: EAB/RAJ			Subregion (MLRA or LRR): MLRA 56						State: MN		
Soil Unit:	<u>I133A</u>		NWI Classification:						Wetland ID:			
Landform:	Depression		40.50		cal Relief:		0.50			Sample Point: w-158n48w5-c1		
Slope (%):	0 - 2%		titude: 48.53			-96.8789		<u>Datum:</u>		Community ID:		
		nditions on the site ty	-		ar'? (If no, ex				☑ No	Section:		
Are Vegetation		☑, or Hydrology □	•			Are	normal circum	-	esent?	Township:		
Are Vegetation			aturally pro	blematic?				□ No		Range: Dir:		
SUMMARY C			Yes						D 10	V		
	Vegetation Present?				-		Hydric Soils Present?					
	ydrology Present?			1 . 1	1	1.1	Is This Sampling Poir					
Remarks:					•		ently-planted s	oybean field	d. Cattails a	and spikerushes are present, in addition to		
		weedy ditch species	s. The ditch	drains the a	gricultural	field.						
HYDROLOGY												
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):												
Primary:	_								Secondary:			
	☑ A1 - Surface Water				B11 - Salt					B6 - Surface Soil Cracks		
	A2 - High Water Table			□ B13 - Aquatic Fauna□ C1 - Hydrogen Sulfide Odor						B8 - Sparsely Vegetated Concave Surface		
☑	A3 - Saturation B1 - Water Ma				C1 - Hydro					B10 - Drainage Patterns C3 - Oxidized Rhizospheres on Living Roots (tilled)		
	B2 - Sediment				C3 - Oxidiz			C8 - Crayfish Burrows				
	B3 - Drift Dep	•			C4 - Prese		C9 - Saturation Visible on Aerial Imagery					
	B4 - Algal Mat				C7 - Thin N		D2 - Geomorphic Position					
	B5 - Iron Depo		.		Other (Exp	olain)		D5 - FAC-Neutral Test				
	B7 - Inundatio	n Visible on Aerial Image	ery							D7 - Frost-Heaved Hummocks (LRR F)		
	by - water-st	allieu Leaves										
Field Observ	vations:											
		Vac = =	Donth	. 5	(in)							
Surface Water		Yes ☑	Depth		_ (in.) - (in.)			Wetland H	lydrology l	Present? Y		
Water Table Saturation Pr		Yes Ves	Depth		_ (in.) - (in.)							
Saturation Pr	resent?	Yes ☑	Depth	i U	(in.)							
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
Describe Rec	orded Data (s	tream gauge, monitor	ing well, aeı	rial photos, pr	<u> </u>	pections),	l if available:					
Describe Reco	Surface wat	er is present through	out the we	land. Recen	evious insp t heavy rai	ins have	contributed to t			but the wetland vegetation indicates that		
Remarks:	Surface wat	er is present through	out the we	land. Recen	evious insp t heavy rai	ins have	contributed to t			but the wetland vegetation indicates that ampled in the roadside ditch.		
Remarks:	Surface water	er is present through er is present even in	out the we	tland. Recentions. The wa	evious insp t heavy rai ater table o	ins have depth is u	contributed to tunknown becau	ise soils cou				
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	: SPP				Sample Point: w-158n48w5-c1				
VEGETATIO	N (Species identified in all uppercase are	e non-native	species.)						
Tree Stratum	(Plot size: 30 ft. radius)								
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet				
1.									
2.					Number of Dominant Species that are OBL, FACW, or FAC: 3 (A)				
3.									
4.					Total Number of Dominant Species Across All Strata: 3 (B)				
5.					`` /				
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)				
7.					refeelt of Bollinant Opedes That Are OBE, I AOW, of I AO. 100.070				
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.					OBL spp. 35				
	Total Cover =	0	_		FACW spp. 30 \times $2 = 60$				
					FAC spp. $0 X 3 = 0$				
Sapling/Shrub	Stratum (Plot size: 15 ft. radius)				FAC spp. 0				
1.					UPL spp0				
2.									
3.					Total 75 (A) 135 (B)				
4.									
5.					Prevalence Index = B/A = 1.800				
6.									
7.									
8.					Hydrophytic Vogotation Indicators:				
					Hydrophytic Vegetation Indicators:				
9.					Rapid Test for Hydrophytic Vegetation				
10.					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.	Eleocharis palustris	20	Υ	OBL					
2.	Hordeum jubatum	20	Υ	FACW	* Indicators of hydric soil and wetland hydrology must be				
3.	Typha X glauca	15	Υ	OBL	present, unless disturbed or problematic.				
4.	Elymus repens	10	N	FACU	Definitions of Vegetation Strata:				
5.	Rumex stenophyllus	10	N	FACW					
6	rumex stemophymus	10		171011	Tree - Westerlands Size (7.0 m) as many in dispersion of broads				
					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.				
7.					Height (BBH), regardless of Height.				
8.					BBU was the state of the state				
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
10.									
11.									
12.					Herb - All herbaceous (non-woody) plants, regardless of size.				
13.									
14.									
15.					Woody Vines - All woody vines, regardless of height.				
10.	Total Cover =	75			Treedy times				
	Total Cover =	75	_						
	tratum (Plot size: 30 ft. radius)								
1.									
2.									
3.					Hydrophytic Vegetation Present?Y				
5.									
4.									
	Total Cover =	0							
Remarks:			getation at	t the samr	ble site. The community transitions to upland weeds further up the slope of the				
rtomanto	ditch.		gotation	t the camp	ne citer the community translations to apiana module ratifier up the ciops of the				
	GROTT.								
Additional Remarks:									