WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date: County:	09/23/14	
Applicant:											Marshall	
Investigators:		NTT/BEH		Subregion (MLRA or LRR): MLRA 56							MN	
Soil Unit:	I70A			_	ool Doliofe		I Classification:	-		Commis Deints	w 1555/5w24 o1	
Landform: Slope (%):												
		nditions on the site typ						✓ Ves	□ No	Section:		
Are Vegetation				disturbed?	(II 110, exp		e normal circun			Township:		
Are Vegetation		, ,	turally pro			/ 110	✓ Yes	□ No	COCITE:	Range:	Dir:	
SUMMARY O			terany pro	o.oa.o.			_ 100	_ 110		r tangor	5	
Hydrophytic \			Yes					Hydric Soil	ls Present?	Yes		
-				Yes			Is This Sampling Poin				etland? Yes	
Remarks:			w located	in an area su	ırrounded	by a fari	med soybean f				by deep marsh and has a	
	narrow drain	age waterbody that ru	ıns throug	h it. The only	vegetatio	n preser	nt is reed canar	ry grass.				
HYDROLOGY	Y					•						
Wetland Hyd Primary:		cators (Check all that	apply; Mi				econdary requi	red):	Secondary:			
☑ A1 - Surface Water					B11 - Salt (B6 - Surface S		
☑	A2 - High Wat A3 - Saturation				B13 - Aqua C1 - Hydro					B10 - Drainage	Vegetated Concave Surface	
	B1 - Water Ma				C2 - Dry Se						Rhizospheres on Living Roots (t	tilled)
	B2 - Sediment						spheres on Living	Roots (not till	• -	C8 - Crayfish E		
	B3 - Drift Depo			□ C4 - Presence of Reduced Iron □							Visible on Aerial Imagery	
	B4 - Algal Mat				C7 - Thin M		ace		2	D2 - Geomorp D5 - FAC-Neur		
	B5 - Iron Depo	า Visible on Aerial Imager	V	П	Other (Expl	iain)					rai rest ived Hummocks (LRR F)	
	B9 - Water-St		y						_	<i>D1</i> 110001100	ived Hammeene (Errivi)	
Field Observ	/ations:											
Surface Wate	er Present?	Yes ☑	Depth	1	(in.)			Wetland L	lydrology i	Present?	Υ	
Water Table	Present?	Yes ☑	Depth		(in.)			Wetland	iyarology i	resent:	<u>'</u>	
Saturation Present? Yes 🗵 Depth: 0 (in.)												
		103	Dopui		. (111.)							
Describe Reco	orded Data (s	tream gauge, monitorin	<u> </u>			ections),	if available:					
Describe Reco			g well, aer	ial photos, pre	evious insp			are saturate	d at the sur	face.		
		tream gauge, monitorin	g well, aer	ial photos, pre	evious insp			are saturate	d at the sur	face.		
Remarks:	Areas within	tream gauge, monitorin the wetland have surf	g well, aer	ial photos, pre that is rougl	evious insp nly an inch	deep. A	All other areas		d at the sur	face.		
Remarks: SOILS Profile Descri	Areas within	tream gauge, monitorin the wetland have surf	g well, aer	ial photos, pre that is rougl	evious insp nly an inch	n deep. A	All other areas a	ndicators.)	d at the sur	face.		
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Remarks: SOILS Profile Descrip (Type: C=Concent	Areas within ption (Descri	tream gauge, monitoring the wetland have surface to the depth needed etion, RM=Reduced Matrix, Matrix	g well, aer face water d to docur	ial photos, pretthat is rough	evious insp oly an inch cator or co Grains; Locat	onfirm the	All other areas are absence of in ore Lining, M=Matres	ndicators.)		face.	Remarks	
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Project/Site:	L3R				Sample Point: w-155n45w34-e1
,					· · · · · · · · · · · · · · · · · · ·
VEGETATION		e non-native	species.)		
Tree Stratum ((Plot size: 30 ft. radius)				Downing and Took Monkels and
4	<u>Species Name</u>	% Cover	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet
1. 2.					Number of Deminant Species that are ORL EACW or EAC:
3.					Number of Dominant Species that are OBL, FACW, or FAC:1(A)
4.					Total Number of Dominant Species Across All Strata: 1 (B)
5.					- Total Number of Borninant Species Across All Strata(B)
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.					(742)
8.					Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.					OBL spp. $0 \times 1 = 0$
	Total Cover =	0			FACW spp. 100 $\times 2 = 200$
	-		_		FAC spp. $0 x 3 = 0$
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp 0
1.					UPL spp. $0 x 5 = 0$
2.					
3.					Total 100 (A) 200 (B)
4.					
5.					Prevalence Index = B/A = 2.000
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					XDominance 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.	Phalaris arundinacea	100	Υ	FACW	
2.					* Indicators of hydric soil and wetland hydrology must be
3.					present, unless disturbed or problematic.
4.					Definitions of Vegetation Strata:
5.					
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast
7.					height (DBH), regardless of height.
8.					- West-unlands loss than 2 in DDU namedlass of height
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					4
11.					Lieute All harbassaus (non woody) plants, regardless of size
12.					Herb - All herbaceous (non-woody) plants, regardless of size.
13.					4
14.					Woody Vines - All woody vines, regardless of height.
15.	Total Cavar	400			- Woody Vines - All Woody Vines, Tegardiess of Height.
	Total Cover =	100	_		
Manaka Vina Ota	vature (Diet einer 20 ft vadius)				
vvoody vine Sti	ratum (Plot size: 30 ft. radius)				
2.					
3.					Hydronbytic Vogotation Present?
5. 5.					Hydrophytic Vegetation Present?Y
4.					
	Total Cover =	0			
Remarks:	Reed canary grass is the only vegetation pre		ahout the v	wetland	
i Komarks.	11000 bandry grabb is the only vegetation pre	oont unou	griout tile (wouariu.	
A al alistia a a a 1 -)				
Additional R	kemarks:				