WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/11/14		
Applicant:										County: State:	Pennington		
Investigators				Subregion (MLRA or LRR): MLRA 56							MN		
Soil Unit:	I66A			<u>.</u>			Classification	:					
Landform:	Dip		40.40		cal Relief:		7475000			Sample Point:	w-154n45w13-c1		
Slope (%):	0 - 2%	Latitude:			_		7175000	Datum:					
		nditions on the site typical			Ir? (If no, exp			✓ Yes	□ No	Section:			
Are Vegetation		□, or Hydrology □signifi	•			Are	normal circur	-	esent?	Township:	5.		
Are Vegetation		□, or Hydrology □atura	ily proi	olematic?			Yes	□ No		Range:	Dir:		
SUMMARY C			V					Lludria Cail	la Dragant?	Vac			
Hydrophytic \	_		Yes						ls Present?		etland? Yes		
Wetland Hyd			Yes	tod botwoon	o graval i	ood ood	oultivated cay		npling Poin	t Within A W	euand? fes		
Remarks:	The welland	d is a seasonally-flooded d	ір іоса	iled between	a graver i	oau anu	Cultivated Soy	bean neid.					
HADBOLOGA	V												
HYDROLOG													
		i cators (Check all that app	oly; Mir	nimum of one	e primary	or two se	econdary requi	red):					
<u>Primary:</u> □	<u>:</u>	Notor			B11 - Salt (Cruct			Secondary: □	B6 - Surface S	oil Crooks		
	A2 - High Wa										Vegetated Concave Surface		
	A3 - Saturatio			□ B13 - Aquatic Fauna □ □ C1 - Hydrogen Sulfide Odor □							B10 - Drainage Patterns		
	B1 - Water M				C2 - Dry Se						Rhizospheres on Living Roots (tilled)		
	B2 - Sedimen	•			C3 - Oxidiz C4 - Prese		spheres on Living	Roots (not till		C8 - Crayfish E			
	B3 - Drift Dep B4 - Algal Ma				C7 - Thin N				□	D2 - Geomorp	n Visible on Aerial Imagery hic Position		
	B5 - Iron Dep				Other (Exp		.00			D5 - FAC-Neur			
		n Visible on Aerial Imagery			` '	,				D7 - Frost-Hea	aved Hummocks (LRR F)		
	B9 - Water-St	ained Leaves											
Field Observ													
Surface Water			Depth:		(in.)			Wetland H	lydrology F	Present?	Υ		
Water Table			Depth:		(in.)				.,		<u> </u>		
Saturation Present? Yes Depth: (in.)													
		100 =	Бериі.		(in.)								
Describe Reco	orded Data (s	stream gauge, monitoring we			. ,	ections),	if available:						
Describe Reco	<u>`</u>		ell, aeri	al photos, pre	vious insp	ections),	if available:						
Remarks:	<u>`</u>	stream gauge, monitoring we	ell, aeri	al photos, pre	vious insp	ections),	if available:						
Remarks:	The wetland	stream gauge, monitoring we d sample point is located in	ell, aeri n a dip	al photos, pre within the la	evious insp ndscape.	·							
Remarks: SOILS Profile Descri	The wetland	stream gauge, monitoring we d sample point is located in the be to the depth needed to	ell, aeri n a dip docum	al photos, prewithin the la	evious insp ndscape. cator or co	onfirm the	e absence of ir						
Remarks: SOILS Profile Descri	The wetland	stream gauge, monitoring we d sample point is located in	ell, aeri n a dip docum	al photos, prewithin the la	evious insp ndscape. cator or co	onfirm the	e absence of ir						
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Remarks: SOILS Profile Descri (Type: C=Concer	The wetland	stream gauge, monitoring we d sample point is located in be to the depth needed to etion, RM=Reduced Matrix, CS=0 Matrix	ell, aeri n a dip docum Covered	al photos, prewithin the land	evious insp ndscape. cator or co Grains; Locat	onfirm the ion: PL=Po	e absence of ir ore Lining, M=Mati	rix)	Texture		Remarks		
Remarks: SOILS Profile Descri (Type: C=Concer	The wetland iption (Descri	be to the depth needed to etion, RM=Reduced Matrix Color (Moist)	ell, aeri n a dip docum Covered	al photos, prewithin the la	evious insp ndscape. cator or co Grains; Locat	onfirm the	e absence of ir ore Lining, M=Mati		Texture		Remarks		
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-154n45w13-c1				
					•				
VEGETATION	N (Species identified in all uppercase a	are non-native	species.)						
Tree Stratum ((Plot size: 30 ft. radius)								
	<u>Species Name</u>	% Cover	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet				
1.									
2.					Number of Dominant Species that are OBL, FACW, or FAC:(A)				
3.									
4.					Total Number of Dominant Species Across All Strata:(B)				
5.]							
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)				
7.									
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.					OBL spp 0				
	Total Cover :	= 0	OBL spp. 0						
					FAC spp. $\frac{10}{15}$ $x = \frac{30}{60}$ FACU spp. $\frac{15}{15}$ $x = \frac{60}{15}$				
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp. 15 \times $4 = 60$				
1.					UPL spp. $0 x 5 = 0$				
2.]							
3.					Total 100 (A) 240 (B)				
4.									
5.					Prevalence Index = B/A = 2.400				
6.									
7.									
8.					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 (I	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Persicaria pensylvanica	50	Υ	FACW					
2.	Leptochloa fusca	25	Υ	FACW	* Indicators of hydric soil and wetland hydrology must be				
3.	Setaria pumila	15	N	FACU	present, unless disturbed or problematic.				
4.	Echinochloa crus-galli	10	N	FAC	Definitions of Vegetation Strata:				
5.									
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast				
7.		1			height (DBH), regardless of height.				
8.									
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
10.									
11.									
12.		1			Herb - All herbaceous (non-woody) plants, regardless of size.				
13.		1			7,1				
14.									
15.					Woody Vines - All woody vines, regardless of height.				
13.	Total Cover	100			vvoody villes - 7 iii woody villos, rogalalose of floighti				
	Total Cover :	= 100	_						
Maraka Mara Ota	rature (Diet alexa)								
Woody Vine Sti	ratum (Plot size: 30 ft. radius)								
1.	1								
2.					Hadronkert's Variation Brazeria				
3.		-			Hydrophytic Vegetation Present?Y				
5.									
4.	Tatal Ossar								
Danasalas	Total Cover :								
Remarks:	The wetland sample point is dominated by	pinkweed an	d bearded	d sprangle	top.				
Additional Remarks:									