## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/29/14	
Applicant:										County:	Pennington	
Investigators		Subregion (MLRA or LRR): MLRA 56						State:	MN			
Soil Unit:	NWI Classification:											
Landform:	Talf		47.00		cal Relief:		100000			Sample Point:	u-152n43w10-b1	
Slope (%):	0 - 2%	. P.C	Latitude: 47.99				)1283333	<u>Datum:</u>				
		nditions on the sit			I <b>f'?</b> (If no, ex				□ No	Section:		
Are Vegetation		☑, or Hydrology	•			Are	e normal circun	•	esent?	Township:		
Are Vegetation		□, or Hydrology	□aturally pro	biematic?			Yes	□ No		Range:	Dir:	
SUMMARY								l le selei e O e i	I- D10	NI		
Hydrophytic \	•		No						ls Present?		otless do No	
Wetland Hyd			No No	lad field				is this Sai	mpling Poin	t Within A W	etland? <b>No</b>	
Remarks:	Opiand san	nple point located i	in a recently til	iea fiela.								
LIVERGLOO	V											
HYDROLOG	Y											
_		icators (Check all	l that apply; Mi	nimum of on	e primary	or two s	econdary requi	red):				
Primary:	_			_	D44 0 1	•			Secondary:			
	A1 - Surface ' A2 - High Wa				B11 - Salt B13 - Aqua					B6 - Surface S		
	A3 - Saturation				C1 - Hydro					B10 - Sparsely	Vegetated Concave Surface	
	B1 - Water M				C2 - Dry S						Rhizospheres on Living Roots (tille	
	B2 - Sedimen	t Deposits					spheres on Living	Roots (not till	• 🗆	C8 - Crayfish E		
	B3 - Drift Dep					n Visible on Aerial Imagery						
	B4 - Algal Mat or Crust   C7 - Thin Muck Surface										hic Position	
	B5 - Iron Dep	osits on Visible on Aerial Im	nagery	П	Other (Exp	olain)				D5 - FAC-Neu	trai Test aved Hummocks (LRR F)	
		tained Leaves	agery							D1 - 1103t-11ct	avea Hammooks (Likik I)	
Field Observ	vations:											
Surface Wat	er Present?	Yes □	Depth		(in.)							
Water Table		Yes □	Depth		(in.)			Wetland F	lydrology l	Present?	N	
Saturation Present? Yes Depth: (in.)												
			<u> </u>			voctions)	if ovailable:					
Describe Rec	orded Data (s	stream gauge, mon	itoring well, aer	ial photos, pre	evious insp	ections),	, if available:					
	orded Data (s		itoring well, aer	ial photos, pre	evious insp	pections),	, if available:					
Describe Rec	orded Data (s	stream gauge, mon	itoring well, aer	ial photos, pre	evious insp	pections),	, if available:					
Describe Reconstruction Remarks:	orded Data (s	stream gauge, mon or secondary hydr	itoring well, aer	ial photos, pre tors observe	evious insp d.	,		ndicators )				
Describe Reconstruction Remarks:  SOILS Profile Descri	orded Data (s No primary iption (Descr	stream gauge, mon	itoring well, aer	ial photos, pre tors observe	evious insp d. cator or co	onfirm th	e absence of ir					
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Describe Reconstruction Remarks:  SOILS Profile Descri (Type: C=Concer	orded Data (s No primary iption (Descr	or secondary hydrological between the depth neetion, RM=Reduced Matrix Color (Moist)	itoring well, aer rological indica eeded to docur atrix, CS=Covered	ial photos, pretors observe	evious insp d. cator or co Grains; Loca	onfirm th tion: PL=P Mottl	e absence of in ore Lining, M=Matr	rix)	Texture		Remarks	
Describe Reconstruction Remarks:  SOILS Profile Description (Type: C=Concert)  Depth (In.)	No primary iption (Description, D=Depl	or secondary hydrological between the depth neetion, RM=Reduced Matrix Color (Moist)	itoring well, aer rological indica	ial photos, pretors observed ment the indicated Sand Control (I	evious insp d. cator or co Grains; Loca Moist)	onfirm th tion: PL=P Mottl	e absence of in ore Lining, M=Matr	rix)			Remarks	
Describe Reconstruction Remarks:  SOILS Profile Descripation (Type: C=Concert)  Depth (In.) 0-16	No primary iption (Description, D=Depl	or secondary hydrological beto the depth neetion, RM=Reduced M  Matrix  Color (Moist)  2/1	itoring well, aer rological indica eeded to docur atrix, CS=Covered	ial photos, pretors observe	evious insp d. cator or co Grains; Loca Moist)	onfirm th tion: PL=P Mottl	e absence of in ore Lining, M=Matr es Type	Location	SCL		Remarks	
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Describe Recordance Remarks:  SOILS Profile Descrit (Type: C=Concerd Concerd C	iption (Description, Depointment)  Hue_10YR  Hue_2.5Y	stream gauge, monor secondary hydrological between the depth neetion, RM=Reduced Matrix  Color (Moist)  2/1  5/3	itoring well, aer rological indica eeded to docur atrix, CS=Covered    %	nent the indicated Sand Control of Color (F	evious inspector or contractor	Mottl %	e absence of in Fore Lining, M=Matr es Type C	Location	SCL		Remarks	
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## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-152n43w10-b1	
VEGETATION (		re non-native	species.)			
Tree Stratum (	Plot size: 30 ft. radius) Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet	
1.	<u>Species Ivanio</u>	<u> 70 00001</u>	Dominaria	<u>ma.otatas</u>		
2.					Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)	
3.					• • • • • • • • • • • • • • • • • • • •	
4.					Total Number of Dominant Species Across All Strata: 1 (B)	
5.					·	
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)	
7.						
8.					Prevalence Index Worksheet	
9.					Total % Cover of: Multiply by:	
10.					OBL spp. 0	
	Total Cover =	0			FACW spp 0	
					FAC spp. $0   x   3 = 0$	
	Stratum (Plot size: 15 ft. radius)					
1.					UPL spp15	
2.						
3.					Total 15 (A) 75 (B)	
<u>4.</u> 5.					Dravalance Index D/A 5 000	
6.					Prevalence Index = B/A = 5.000	
7.						
8.					Hydrophytic Vegetation Indicators:	
9.					Rapid Test for Hydrophytic Vegetation	
10.					Dominance Test is > 50%	
	Total Cover =	0			Prevalence Index is ≤ 3.0 *	
			_		Morphological Adaptations (Explain) *	
Herb Stratum (	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *	
1.	Zea mays	15	Υ	NI		
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.						
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.	
10.						
11.						
12.					<b>Herb</b> - All herbaceous (non-woody) plants, regardless of size.	
13.						
14.					All woods wines are and so of height	
15.	T 1 1 0	4.5			Woody Vines - All woody vines, regardless of height.	
	Total Cover =	15	_			
Manaka Vina Ct	mature (Diet einer 2004 medius)					
1	ratum (Plot size: 30 ft. radius)					
2.						
3.					Hydrophytic Vegetation Present? N	
5.						
4.						
	Total Cover =	- 0				
Remarks:	Upland sample point is dominated by cultiva					
Additional R	Remarks:					