WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/30/14		
Applicant:	• • • • • • • • • • • • • • • • • • • •						County: State:	Pennington					
Investigators: MRK/OTG				Subregion (MLRA or LRR): MLRA 56							MN		
Soil Unit:	159A			<u> </u>			I Classification	າ:					
Landform:	Talf				ocal Relief		170 44 007			Sample Poin	t: u-152n43w10-f2		
Slope (%):	0 - 2%		Latitude: 47.				17341667	<u>Datum</u> :					
		nditions on the site			ar? (If no, ex	1			□ No	Section:			
Are Vegetation		□, or Hydrology	•	•		Are	e normal circur	•	esent?	Township:			
Are Vegetation		□, or Hydrology	□aturally p	oblematic?			Yes	□ No		Range:	Dir:		
SUMMARY C													
Hydrophytic Vegetation Present?				Yes			Hydric Soils Present? Is This Sampling Poir						
	drology Prese		No.		01 1 0		1	Is This Sa	mpling Poin	t Within A W	/etland? No		
Remarks:	Upland sam	ple point is located	d in a field u	oslope from a	Shrub-Ca	ırr wetlan	nd.						
HYDROLOG	Υ												
Wetland Hy	drology Ind	icators (Check all	that apply; I	Minimum of o	ne primary	or two s	econdary requ	ired):					
<u>Primary</u>									Secondary:				
	A1 - Surface				B11 - Salt					B6 - Surface			
	A2 - High Wa A3 - Saturation			□ B13 - Aquatic Fauna □ □ C1 - Hydrogen Sulfide Odor □							B8 - Sparsely Vegetated Concave Surface B10 - Drainage Patterns		
	B1 - Water M				C2 - Dry S			Rhizospheres on Living Ro	oots (tilled)				
	B2 - Sedimen			_			spheres on Living	g Roots (not till	le 🗆	C8 - Crayfish		(
	B3 - Drift Dep						educed Iron				on Visible on Aerial Imagery		
	B4 - Algal Ma				C7 - Thin I		ace			D2 - Geomor			
	B5 - Iron Dep	osits In Visible on Aerial Ima	agory,		Other (Exp	olain)				D5 - FAC-Ne	utral Test eaved Hummocks (LRR F)		
	B9 - Water-St		agery							D7 - F1051-He	aved Fidilillocks (LKK F)		
Field Obser	vations:												
Surface Wat		Yes	Dep	·h·	(in.)								
		Yes	•		– (in.)			Wetland H	lydrology F	Present?	N		
Saturation P													
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:													
		Yes 🗆	<u> </u>		(in.)	ti \	if eveilable.						
Describe Rec	corded Data (s	tream gauge, monit	toring well, a	erial photos, p	revious insp	pections),	, if available:						
	corded Data (s		toring well, a	erial photos, p	revious insp	pections),	, if available:						
Describe Rec Remarks:	corded Data (s	tream gauge, monit	toring well, a	erial photos, p	revious insp	pections),	, if available:						
Describe Rec Remarks:	corded Data (s No primary	stream gauge, monit or secondary hydro	toring well, a	erial photos, p cators were o	revious insp bserved.			ndicators)					
Describe Rec Remarks: SOILS Profile Descri	orded Data (s No primary iption (Descri	stream gauge, monitor secondary hydro	toring well, a	erial photos, p cators were o	revious insposerved.	onfirm th	e absence of i						
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Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	orded Data (s No primary iption (Descrintration, D=Depl	be to the depth neetion, RM=Reduced Matrix Color (Moist)	toring well, a cological indicated to docutrix, CS=Cove	erial photos, p cators were o ument the inced/Coated Sand Color	revious insposerved.	onfirm th	e absence of interest of interest in the second sec		Texture		Remarks		
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Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.)	orded Data (s No primary iption (Descrintration, D=Depl	be to the depth neetion, RM=Reduced Matrix Color (Moist)	toring well, a cological indicated to docutrix, CS=Cove	erial photos, p cators were o ument the inced/Coated Sand Color	revious insposerved. icator or congrains; Location (Moist)	onfirm th ation: PL=P Mottl	e absence of interest of interest in the contract of the contr	trix)			Remarks		
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Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-14 14-20	iption (Description, D=Deplementation, D=Deplementation, D=Deplementation)	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 6/3	toring well, a plogical indicated to doc atrix, CS=Cove	cators were of cators	revious insposerved. icator or configurations; Locations; Locatio	onfirm thation: PL=P	e absence of interest of inter	Location	SCL		Remarks		
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Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-14 14-20 NRCS Hydr	iption (Description, Depointment) Hue_10YR Hue_2.5Y ric Soil Field A1- Histosol	be to the depth need to the depth need to the depth need to the depth need to make the dept	toring well, a plogical indicated to doc atrix, CS=Cove	cators were of the control of the cators are of the cators were of the cators were of the cators are o	revious insposerved. icator or configurations; Locations; Locatio	onfirm thation: PL=P	e absence of interest of inter	Location	SCL FS Indicators f A9 - 1 cm M	uck (LRR I, J)	ic Soils ¹		
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Describe Rec Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-14 14-20 NRCS Hydr	Hue_10YR Hue_2.5Y A1- Histosol A2 - Histic Ep A3 - Black His	be to the depth netetion, RM=Reduced Marix Color (Moist) 2/1 6/3 Indicators (checking depth depth and de	toring well, a plogical indicated to doc atrix, CS=Cove	Color Color Hue_2.5Y S5 - Sandy S6 - Strippe F1 - Loamy	revious insposerved. icator or configurations; Locations; Locatio	monfirm the stion: PL=P Mottl % 5 nt):	e absence of interest of inter	Location	Indicators for A9 - 1 cm M A16 - Coast S7 - Dark Su	uck (LRR I, J) Prairie Redox urface (LRR G	ic Soils ¹ (LRR F, G, H)		
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site	: L3R				Sample Point: u-152n43w10-f2
VEGETATIO		e 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 x 1 = 0
	Total Cover =	0			FACW spp. $0 x 2 = 0$
	·		_		FAC spp. 70 $x 3 = 210$
Sapling/Shrub	Stratum (Plot size: 15 ft. radius)				FACU spp. $\begin{array}{c cccc} & 10 & x & 4 = & 40 \\ & & & & & & & & & & & & & & & & & & $
1.					UPL spp. $0 x 5 = 0$
2.					
3.					Total 80 (A) 250 (B)
4.					``
5.					Prevalence Index = B/A = 3.125
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
10.	Total Cover =	0			Prevalence Index is ≤ 3.0 *
	Total Cover =		_		
Llanda Otrastaria	(Distriction Estate district)				Morphological Adaptations (Explain) *
	(Plot size: 5 ft. radius)		V	FAC	Problem Hydrophytic Vegetation (Explain) *
1.	Panicum virgatum	40	<u> </u>		* Indicators of hydric soil and watland hydrology must be
2.	Solidago gigantea	30	Y	FAC	* Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
3.	Cirsium arvense	10	N	FACU	· · · · · · · · · · · · · · · · · · ·
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.					Herb - All herbaceous (non-woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	80			
	•		_		
Woody Vine S	tratum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present? Y
5.					
4.					
	Total Cover =	0			
Remarks:	Upland sample point is dominated by wand p		and late	goldenrod	_
	органа сантро роши с астинаса с, наша р	oe groce		90.0000	
\	Pomorko.				
Additional I	кетагку:				