WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	08/19/14				
Applicant:				Subregion (MLRA or LRR): MLRA 56							Marshall				
Investigators						`	A or LRR):	State:	MN						
Soil Unit:	I16F			_			I Classification:								
Landform:															
Slope (%):	0 - 2%			898976	Longitude:			Datum:		1					
		nditions on the site typica			r? (If no, exp				□ No	Section:					
Are Vegetation			•	disturbed?		Ar	e normal circum	nstances pre	esent?	Township:					
Are Vegetation ☐ Soil ☐, or Hydrology ☐aturally problematic? ☐ Yes ☐ No Range: Dir:															
SUMMARY C	OF FINDINGS	6													
Hydrophytic \	Vegetation Pi	resent?				Hydric Soil	No								
Wetland Hydrology Present?			No					Is This Sar	it Within A W	etland? No					
Remarks: The upland sample point is located in a field dominated by smooth brome, near an oxbow channel.															
HYDROLOG	Υ														
Wetland Hy	drology Indi	cators (Check all that ap	nly: Mi	nimum of one	nrimary	or two s	econdary requi	red):							
Primary:	•	cators (Check all that ap	pry, iviii		5 pilitiary	or two s	econdary requi	eu).	Secondary:						
<u> </u>	<u>.</u>	Water			B11 - Salt	Crust				B6 - Surface S	Soil Cracks				
					B13 - Aqua		ì		_		Vegetated Concave Surface				
	A3 - Saturatio	n			C1 - Hydro					B10 - Drainag					
	B1 - Water Ma				C2 - Dry S						Rhizospheres on Living Roots (tilled)				
	B2 - Sediment	•					spheres on Living	Roots (not till	• 🗆	C8 - Crayfish					
	B3 - Drift Dep B4 - Algal Mat				C4 - Prese C7 - Thin N		educed Iron			D2 - Geomorp	n Visible on Aerial Imagery				
	B5 - Iron Depo				Other (Exp		ace		H	D5 - FAC-Neu					
		n Visible on Aerial Imagery			Other (Exp	iaii i)					aved Hummocks (LRR F)				
	B9 - Water-St								_	2	(2)				
Field Observ	vations:														
Surface Wate	er Present?	Yes	Depth:		(in.)										
Water Table		Yes	Depth:		(in.)			Wetland F	lydrology l	Present?	N				
		Yes	Depth:												
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:															
						1: \	Y available.								
Describe Reco	orded Data (s	tream gauge, monitoring w	/ell, aeri	ial photos, pre	vious insp	ections)	, if available:								
	orded Data (s		/ell, aeri	ial photos, pre	vious insp	ections)	, if available:								
Describe Reco	orded Data (s	tream gauge, monitoring w	/ell, aeri	ial photos, pre	vious insp	ections)	, if available:								
Describe Reco	orded Data (s No primary	etream gauge, monitoring wor secondary hydrologica	ell, aeri I indica	ial photos, pre tors were ob	evious insp served.	·		dicators \							
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-157n47w16-e1				
-					· · · · · · · · · · · · · · · · · · ·				
VEGETATION	· · ·	e non-native	species.)						
Tree Stratum (I	Plot size: 30 ft. radius)				Deminerac Test Montreless				
4 [<u>Species Name</u>	% Cover	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet				
1. 2.					Number of Deminent Species that are OBL EACIN or EAC:				
P-					Number of Dominant Species that are OBL, FACW, or FAC:1(A)				
3.					Total Number of Deminant Charles Assess All Charter (D)				
4.					Total Number of Dominant Species Across All Strata:2 (B)				
5.					Develop to the Develop to the three ODL FACINI on FACINI (A/D)				
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50.0%</u> (A/B)				
7.					Dravalance Index Werkshoot				
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.		0			OBL spp. $0 \times 1 = 0$				
	Total Cover =	0			FAC app. $\frac{10}{2}$ \times $\frac{2}{3}$ $=$ $\frac{20}{3}$				
Conling/Chrub C	Stratum (Plot aiza: 15 ft. radius)				FACW spp. 10				
1.	Stratum (Plot size: 15 ft. radius)	1	N	FAC	UPL spp. $\frac{0}{90}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{0}{0}$ $\frac{4}{50}$				
2.	Fraxinus pennsylvanica	1	Y	FAC	OFL spp90				
3.	Acer negundo	l	I	1 AC	Total 102 (A) 476 (B)				
3. 4.					Total 102 (A) 476 (B)				
4. 5.					Drovolonos Indox - P/A - 4667				
6.					Prevalence Index = B/A = 4.667				
7.									
8.					Hydrophytic Vegetation Indicators:				
9.									
10.					Rapid Test for Hydrophytic Vegetation Dominance Test is > 50%				
10.		2			Prevalence Index is ≤ 3.0 *				
	Total Cover =		_						
Llamb Ctmatuma /F	Diet einer Eft modium)				Morphological Adaptations (Explain) *				
1.	Plot size: 5 ft. radius)	90		UPL	Problem Hydrophytic Vegetation (Explain) *				
	Bromus inermis		<u> </u>		* Indicators of hydric soil and wetland hydrology must be				
2.	Phalaris arundinacea	10	N	FACW	present, unless disturbed or problematic.				
3.					·				
4. [5. [Definitions of Vegetation Strata:				
6					Troo - West state of 7.0 mg to 15 mg to				
7.					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.				
8.					neight (221), regalaces of neight				
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
10.					Sapinity/Sin ub - Woody Planto loos than 8 mil 2211, Togaraloos of Holgita				
11.									
12.					Herb - All herbaceous (non-woody) plants, regardless of size.				
13.					rierb - 7 in horsacosas (hor wessy) plante, regardiese of 6.25.				
14.									
15.					Woody Vines - All woody vines, regardless of height.				
13.	Total Cover	100			vvoody villes - / iii weedy villes, regardless of fleight.				
	Total Cover =	100	_						
Mandy Mina Ctr	ontine (Diet sies) 20 ft vadins)								
vvoody vine Str	atum (Plot size: 30 ft. radius)								
2.									
3.					Hydrophytic Vogotation Procent?				
					Hydrophytic Vegetation Present?N				
5. 4.									
4.	Total Cover =	0							
Remarks:	The sample point is dominated by smooth br								
rvemants.	The sample point is dominated by smooth bi	OITIC.							
Additional Remarks:									
1									