## WETLAND DETERMINATION DATA FORM Great Plains Region

Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):    Primary:   Secondary:   Secondary:							
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):    Primary							
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):    Primary:							
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Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required):    Primary:   Secondary:							
Primary:         ☐ A1 - Surface Water       ☐ B11 - Salt Crust       ☐ B6 - Surface Soil Cracks         ☐ A2 - High Water Table       ☐ B13 - Aquatic Fauna       ☐ B8 - Sparsely Vegetated Concave Surface         ☐ A3 - Saturation       ☐ C1 - Hydrogen Sulfide Odor       ☐ B10 - Drainage Patterns         ☐ B1 - Water Marks       ☐ C2 - Dry Season Water Table       ☐ C3 - Oxidized Rhizospheres on Living Roots (not tills         ☐ B2 - Sediment Deposits       ☐ C3 - Oxidized Rhizospheres on Living Roots (not tills       ☐ C8 - Crayfish Burrows         ☐ B3 - Drift Deposits       ☐ C4 - Presence of Reduced Iron       ☐ C9 - Saturation Visible on Aerial Imagery         ☐ B4 - Algal Mat or Crust       ☐ C7 - Thin Muck Surface       ☐ D2 - Geomorphic Position         ☐ B5 - Iron Deposits       ☐ C7 - Thin Muck Surface       ☐ D2 - Geomorphic Position         ☐ B7 - Inundation Visible on Aerial Imagery       ☐ D7 - Frost-Heaved Hummocks (LRR F)							
Wetland Hydrology Present? No Is This Sampling Point Within A Wetland? No							
SUMMARY OF FINDINGS Hydrophytic Vegetation Present? No Hydric Soils Present? No							
Are Vegetation □ Soil □ or Hydrology □ turally problematic? □ Yes □No Range: Dir:							
Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in remarks)							
Slope (%):     3 - 7%     Latitude:     47.903731     Longitude:     -96.018533     Datum:       Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in remarks)     ☑Yes     ☐ No     Section:							
Landform: Side slope Local Relief: VV Sample Point: u-151n42w15-x1							
Investigators: LEB/DGL Subregion (MLRA or LRR): MLRA 56 State: MN  Soil Unit: I59A NWI Classification:							
Project/Site: L3R Date: 10/02/14 County: Red Lake							

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Project/Site:	L3R				Sample Point: u-151n42w15-x1	
<b>VEGETATION</b>	N (Species identified in all uppercase are	e non-native	species.)			
	Plot size: 30 ft. radius)					
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet	
1.			·	· · · · · · · · · · · · · · · · · · ·		
2.					Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)	
3.					Trumber of Bornmant openies that are obe, 1770v, of 1770.	
					T	
4.					Total Number of Dominant Species Across All Strata: 4 (B)	
5.						
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 25.0% (A/B)	
7.						
8.					Prevalence Index Worksheet	
9.					Total % Cover of: Multiply by:	
10.					OBL spp. 0 x 1 = 0	
10.	_l Total Cayor =	0				
	Total Cover =	U	_			
					FAC spp. 0 x 3 = 0	
	Stratum (Plot size: 15 ft. radius)				FACU spp. 40 x 4 = 160	
1.					UPL spp. 50 x 5 = 250	
2.						
3.					Total 105 (A) 440 (B)	
4.						
5.					Prevalence Index = B/A = 4.190	
					1 16Valence index - D/A - 4.190	
6.	_					
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) *	
Llash Ctasture (	District. Eft. andice\					
	Plot size: 5 ft. radius)  Bromus inermis			LIDI	Problem Hydrophytic Vegetation (Explain) *	
1.		50	Y	UPL	* ledicators of budge and analysis and budge on the	
2.	Cirsium arvense	15	Υ	FACU	* Indicators of hydric soil and wetland hydrology must be	
3.	Lotus comiculatus	15	Y	FACU	present, unless disturbed or problematic.	
4.	Phalaris arundinacea	15	Υ	FACW	Definitions of Vegetation Strata:	
5.	Dactylis glomerata	10	N	FACU		
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.	
					Sapining/Sili ub - Woody planto less than one. BBH, 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.	
10.	Total Cover =	105			,	
	rotal Cover =	105	_			
	ratum (Plot size: 30 ft. radius)					
1.						
2.						
3.					Hydrophytic Vegetation Present? N	
5.						
4.						
<b></b>	Total Cover =	0		_		
Damarka						
Remarks: The vegetation is dominated by non-hydrophytic species.						
Additional Remarks:						
	- · · · · · · · · · · · · · · · · · · ·					