WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	10/01/14	
Applicant:										County:	Red Lake	
Investigators	8			Subregion (MLRA or LRR): MLRA 56						State:	MN	
Soil Unit:	<u>17A</u>						Classification:	PF01A				
Landform:	Floodplain				cal Relief:		005	Determ		Sample Point	w-151n42w9-a3	
Slope (%):	<u> 16 - 25%</u>		Latitude: 47.9		Longitude:			Datum:				
		nditions on the site			If ? (If no, exp		e normal circun		No No	Section:		
Are Vegetati Are Vegetati		C or Hydrology				Ale	e normai circun ⊡ Yes		esent?	Township:	D '	
SUMMARY C		G or Hydrology		DDIematic?			⊡ 1 6 3			Range:	Dir:	
			Vee					Lludria Sai	la Dragont?	Vaa		<u> </u>
Hydrophytic Vegetation Present? Wetland Hydrology Present?				Yes			Hydric Soils Present? Yes Is This Sampling Point Within A Wetland? Yes					
Remarks:				oar a largo riv	or and do	minated	by green ash a				llayer has very sparse vege	otativo
Remarks.		onsists of Canadiar					by green asing			s. The ground	ilayer rids very sparse vege	stative
HYDROLOG			i weed nette									
				· · · ·				D)				
		icators (Check all	that apply; M	inimum of on	e primary	or two se	econdary requi	red):	Connedan			
Primary	A1 - Surface	Water			B11 - Salt	Crust			Secondary:	B6 - Surface S	oil Cracks	
	A2 - High Wa				B13 - Aqua						Vegetated Concave Surface	
	A3 - Saturatio				C1 - Hydro					B10 - Drainage Patterns		
	B1 - Water M B2 - Sedimen			H	C2 - Dry S	eason Wa	ter Table	Pooto (pot till	, H	C3 - Oxidized C8 - Crayfish I	Rhizospheres on Living Roots (tilled)
	B2 - Sedimen B3 - Drift Dep			C4 - Presence of Reduced Iron Image: C7 - Thin Muck Surface Other (Explain) Image: C7 - Calculation of the c							n Visible on Aerial Imagery	
	B4 - Algal Ma									D2 - Geomorphic Position D5 - FAC-Neutral Test		
	B5 - Iron Dep											
	B7 - Inundatio B9 - Water-Si	on Visible on Aerial Ima	agery							D7 - Frost-Hea	aved Hummocks (LRR F)	
	D9 - Waler-Si	laineu Leaves										
Field Obser	vations											
Surface Wat		Vee U	Dooth		(in)							
				n:				Wetland H	lydrology	Present?	Y	
Water Table Present? Yes D Depth: (in.)												
Saturation P	recent?	Vee			(in)							
Saturation P		Yes 🛛		n:	(in.)							
Describe Rec	orded Data (s	stream gauge, monif	toring well, ae	rial photos, pre	evious insp							
	orded Data (s	stream gauge, monif	toring well, ae	rial photos, pre	evious insp			ed on sparse	e hydrophy	tic vegetation	and landscape position.	
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Describe Rec Remarks:	orded Data(s No primary	stream gauge, monit wetland hydrology	toring well, ae indicators ar	rial photos, pro e present. We	evious insp etland hyd	rology is	assumed base	·	e hydrophy	tic vegetation	and landscape position.	
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: w-151n42w9-a3			
VEGETATION	N (Species identified in all uppercase are Plot size: 30 ft. radius)	e non-native	species.)					
Thee Stratum (Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet			
1.	Fraxinus pennsylvanica	60	Y	FAC				
2.	Ulmus americana	15	Y	FAC	Number of Dominant Species that are OBL, FACW, or FAC: 5 (A)			
3.					、,			
4.					Total Number of Dominant Species Across All Strata: 5 (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 =	75			FACW spp. 0 $x = 0$			
					FAC spp. 120 x $3 = 360$			
	Stratum (Plot size: 15 ft. radius)				FACU spp. 0 x 4 = 0			
1. 2.					UPL spp. 0 x 5 = 0			
3.					Total 120 (A) 360 (B)			
3. 4.					Total <u>120</u> (A) <u>360</u> (B)			
4. 5.					Prevalence Index = B/A = 3.000			
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.	Laportea canadensis	25	Y	FAC				
2.	Pilea pumila	10	Y	FAC	* Indicators of hydric soil and wetland hydrology must be			
3.	Elymus virginicus	10	Y	FAC	present, unless disturbed or problematic.			
4.					Definitions of Vegetation Strata:			
5.					T			
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.			
7.								
<u>8.</u> 9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.			
11.								
12.					Herb - All herbaceous (non-woody) plants, regardless of size.			
13.								
14.	j i							
15.					Woody Vines - All woody vines, regardless of height.			
	Total Cover =	45						
Woody Vine Str	ratum (Plot size: 30 ft. radius)							
1.								
2.								
3.					Hydrophytic Vegetation Present? Y			
5.								
4.								
Pomorka	Total Cover =	0 od Amorior		ho trac at	atum. The ground layer is relatively bare with Canadian wood nettle being the most			
Remarks:	dominant species.	10 America	an eim in ti	ne tree str	atum. The ground layer is relatively bare with Canadian wood nettle being the most			
Additional Remarks:								