WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date: County:	09/25/14	
Applicant:				Culturation (MLDA and DD).							Pennington	
Investigators									State:	MN		
Soil Unit: Landform:	I16F Dip				cal Relief		i Ciassilication.	PFUIA		Sample Point:	w-153n43w29-n1	
Slope (%):												
, ,		nditions on the site							□ No	Section:		
Are Vegetation		□, or Hydrology			(2, 2		e normal circum			Township:		
Are Vegetation			•				Yes	□ No ˙		Range:	Dir:	
SUMMARY C	OF FINDINGS	3										
Hydrophytic \	Vegetation P	resent?	Yes	es			Hydric Soils Present?					
Wetland Hydrology Present?				Yes			Is This Sampling Poin			nt Within A We	etland? Yes	
Remarks:	The wetland	d sample point is w	vithin a hardwo	ood swamp o	lominated	by greer	n ash.					
	V											
HYDROLOG												
_		icators (Check all	l that apply; Mi	nimum of on	e primary	or two s	econdary requii	red):				
Primary:		Motor			B11 - Salt (Cruct			Secondary:	B6 - Surface S	oil Crooks	
	□ A1 - Surface Water□ A2 - High Water Table				B11 - Sait C B13 - Aqua						legetated Concave Surface	
	A3 - Saturatio				C1 - Hydrog					B10 - Drainage		
	B1 - Water Ma				C2 - Dry Se	ason Wa	ter Table			C3 - Oxidized I	Rhizospheres on Living Roots (tilled)	
	B2 - Sedimen	•					spheres on Living	Roots (not till	• 🗆	C8 - Crayfish E		
	B3 - Drift Dep B4 - Algal Ma		□ C4 - Presence of Reduced Iron □ □ C7 - Thin Muck Surface □							Visible on Aerial Imagery nic Position		
	B5 - Iron Dep				Other (Expl					D5 - FAC-Neut		
	•	n Visible on Aerial Im	nagery		(=	,					ved Hummocks (LRR F)	
	B9 - Water-St	ained Leaves										
<u> </u>												
Field Observ					(1)							
Surface Water		Yes	Depth		_ (in.)			Wetland F	lydrology l	Present?	Υ	
Water Table		Yes	Depth		- (in.)				.,			
Saturation Pr	resent7	V 0	Llanth									
		Yes	Depth	·	(in.)							
	orded Data (s	tream gauge, moni	itoring well, aer	ial photos, pro	evious insp	ections),	if available:					
	orded Data (s		itoring well, aer	ial photos, pro	evious insp	ections),	if available:					
Describe Reco	orded Data (s	tream gauge, moni	itoring well, aer	ial photos, pro	evious insp	ections),	if available:					
Describe Reco	orded Data (s The wetland	stream gauge, moni	itoring well, aer	ial photos, pro	evious insp	·		dicators \				
Describe Reconstruction Remarks: SOILS Profile Descri	orded Data (s The wetland	stream gauge, moni	itoring well, aer p and is sparse	ial photos, pro ely vegetated ment the indi	evious insp	nfirm th	e absence of in					
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-153n43w29-n1				
VEGETATION		re non-native	species.)						
Tree Stratum (Plot size: 30 ft. radius) Species Name	O/ Cover	Dominant	Ind Ctatus	Dominance Test Worksheet				
1.	Fraxinus pennsylvanica	<u>% Cover</u> 7 5	Dominant Y	Ind.Status FAC	Dominance rest worksheet				
2.	Ulmus americana	10	<u>.</u> N	FAC	Number of Dominant Species that are OBL, FACW, or FAC: 3 (A)				
3.	omas amensara		- 11	TAC	(1)				
4.					Total Number of Dominant Species Across All Strata: 3 (B)				
5.					(2)				
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)				
7.					(. 4 2)				
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.									
	Total Cover =	85			OBL spp. $0 x 1 = 0$ FACW spp. $0 x 2 = 0$				
			FAC spp. 120 $X 3 = 360$						
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp. $0 x 4 = 0$				
1.	Fraxinus pennsylvanica	30	Υ	FAC	UPL spp. $0 x 5 = 0$				
2.									
3.					Total 120 (A) 360 (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 =	= 30	_		X Prevalence Index is ≤ 3.0 *				
					Morphological Adaptations (Explain) *				
Herb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Fraxinus pennsylvanica	5	Y	FAC					
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.					Herb - All herbaceous (non-woody) plants, regardless of size.				
13.									
14.									
15.					Woody Vines - All woody vines, regardless of height.				
	Total Cover =	= 5							
Woody Vine Str	ratum (Plot size: 30 ft. radius)								
1.									
2.									
3.					Hydrophytic Vegetation Present?Y				
5.									
4.	Tatal Oassan								
Davasarlas	Total Cover =								
Remarks:	Thew etland sample point canopy is domina	ited by gree	en ash and	ground c	over is dominated by green ash seedlings.				
Additional Remarks:									