WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/26/14	,
Applicant:	•										Pennington	
Investigators				Subregion (MLRA or LRR): MLRA 56						State:	MN	
Soil Unit:	I50A	NWI Classification:					1					
Landform:	Dip		40.00		cal Relief:					Sample Point	w-153n43w33-b1	
Slope (%):	0 - 2%	. 190	Latitude: 48.02				55021667	Datum:		1		
		nditions on the sit			ar? (If no, exp			✓ Yes	□ No	Section:		
Are Vegetation		□, or Hydrology	•			Are	e normal circun	•	esent?	Township:		
Are Vegetation		□, or Hydrology	□aturally pro	blematic?			Yes	□ No		Range:	Dir:	
SUMMARY C			V					Lludria Cai	la Draggiata	Vee		
Hydrophytic '			Yes		•				ls Present?		otland? Voc	
Wetland Hyd			Yes	4						nt Within A W	etland? Yes	
Remarks:	The wettand	d sample point is lo	ocated in a we	et meadow be	tween a re	orested a	area and a cuiti	ivated wnea	t field.			
LIVERGLOO	V											
HYDROLOG	Y											
	•	icators (Check all	I that apply; M	inimum of on	e primary	or two s	econdary requi	red):				
Primary:	_			_	D. ()	•			Secondary:			
	A1 - Surface \A2 - High Wa				B11 - Salt B13 - Aqua					B6 - Surface S		
	A3 - Saturation				C1 - Hydro					B10 - Sparsely	Vegetated Concave Surface	d.
	B1 - Water M				C2 - Dry S						Rhizospheres on Living Roo	ts (tilled)
	B2 - Sedimen	t Deposits					spheres on Living	Roots (not till	€ □	C8 - Crayfish I		(3.3.2.2.)
	B3 - Drift Dep						educed Iron				n Visible on Aerial Imagery	
	B4 - Algal Ma				C7 - Thin N		ace		☑	D2 - Geomorp		
	B5 - Iron Dep	osits In Visible on Aerial Im	nageny	П	Other (Exp	olain)				D7 - FAC-Neu	itrai Test aved Hummocks (LRR F)	
	B9 - Water-St		nagery							D1 - 1 103t-110t	avea Hammooks (ERRY)	
Field Observ	vations:											
Surface Wat	er Present?	Yes □	Depth	:	(in.)			10/41			V	
Water Table		Yes □	Depth		. (in.)			Wetland F	lydrology l	Present?	Υ	
Coturation D	recent?	Yes □	Donth		• • •							
Saturation P	1636111:	Yes □	Depth	i <u>.</u>	(In.)							
			<u> </u>		(in.)	vections)	if available:					
Describe Rec	orded Data (s	stream gauge, mon	itoring well, aeı	rial photos, pre	evious insp		, if available:					
	orded Data (s		itoring well, aeı	rial photos, pre	evious insp		, if available:					
Describe Rec	orded Data (s	stream gauge, mon	itoring well, aeı	rial photos, pre	evious insp		, if available:					
Describe Reconstruction Remarks:	orded Data (s The wetland	stream gauge, mon	itoring well, aei	rial photos, pres s hydrophytic	evious insp vegetatio	n.		ndicators.)				
Describe Reconstruction Remarks: SOILS Profile Descri	orded Data (s The wetland	stream gauge, mon	itoring well, aei	rial photos, press hydrophytic	vegetatio	n. onfirm th	e absence of ir					
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site:	L3R				Sample Point: w-153n43w33-b1
					•
VEGETATIO	N (Species identified in all uppercase	are non-native	e species.)		
Tree Stratum ((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: 3 (A)
3.					
4.					Total Number of Dominant Species Across All Strata: 3 (B)
5.					
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.	<u></u>				(742)
8.	<u> </u>				Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.	Total Cover				OBL spp. 35
	Total Cover	= 0			FACW spp. $\frac{60}{2}$ \times $2 = \frac{120}{2}$
					FAC spp. $0 \times 3 = 0$
	Stratum (Plot size: 15 ft. radius)	_			FACU spp. $0 X 4 = 0$
1.					UPL spp. $0 x 5 = 0$
2.					
3.					Total <u>95</u> (A) <u>155</u> (B)
4.					
5.					Prevalence Index = B/A = 1.632
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					X Dominance Test is > 50%
10.	Total Cover	= 0			X Prevalence Index is ≤ 3.0 *
	Total Cover				
					Morphological Adaptations (Explain) *
Herb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Echinochloa muricata	40	Υ	FACW	
2.	Typha angustifolia	25	Υ	OBL	* Indicators of hydric soil and wetland hydrology must be
3.	Epilobium ciliatum	20	Y	FACW	present, unless disturbed or problematic.
4.	Beckmannia syzigachne	10	N	OBL	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.
]			rierb - 7 in horsessess (non mossy) plants, regardless of oiles.
13.	<u> </u>				
14.]			All
15.	l .				Woody Vines - All woody vines, regardless of height.
	Total Cover	= 95			
Woody Vine St	ratum (Plot size: 30 ft. radius)	_			
1.					
2.					
3.					Hydrophytic Vegetation Present? Y
5.					
4.	T			_	
	Total Cover	= 0			
Remarks:	Wetland sample point is dominated by rough		arass nar	rowleaf ca	attail and fringed willowherh
Remarks.	Wetland Sample Point is dominated by rody	girbarriyard	grass, riai	TOWIGAT Co	attail and minged willownerb.
Additional R	Remarks:				