WETLAND DETERMINATION DATA FORM Great Plains Region

- 101		I	1							T = .	22/27/1	
Project/Site:		L3R								Date:	09/27/14	
Applicant:				Subragion (MLPA or LPP): MLPA 56						County: State:	Pennington MN	
Soil Unit:	U I			Subregion (MLRA or LRR): MLRA 56 NWI Classification:							IVIIN	
Landform:	Rise		_ Lo	cal Relief:		i Olassiileation.		Sample Point	: u-154n44w28-f1			
Slope (%):	16 - 25%		Latitude: 48.1			-96.312	072	Datum:				
	hydrologic co	nditions on the site	e typical for th	nis time of yea				Yes	□ No	Section:		
Are Vegetation	on 🛭 Soil	□, or Hydrology	⊏significantly	/ disturbed?		Are	e normal circun	nstances pre	esent?	Township:		
Are Vegetation	on □ Soil	□, or Hydrology	□aturally pro	oblematic?			✓ Yes	□ No		Range:	Dir:	
SUMMARY C												
Hydrophytic '	•		No		_				Is Present?			
Wetland Hyd			No	<u> </u>	<u> </u>					t Within A W		
Remarks: The upland point is located in an open meadow area near a roadside ditch. The dominant plants are smooth brome and Kentucky blue grass.												
	V											
HYDROLOG												
_		icators (Check all	that apply; M	inimum of on	ne primary	or two se	econdary requi	red):	_			
<u>Primary</u>		Matar			D44 Call	Crusat			Secondary:	1	Cail Cracks	
	A1 - Surface ' A2 - High Wa				B11 - Salt B13 - Aqua					B6 - Surface S	Vegetated Concave Surface	
	A3 - Saturation				C1 - Hydro					B10 - Drainage		
	B1 - Water M	arks			C2 - Dry S	eason Wa	iter Table			C3 - Oxidized	Rhizospheres on Living Roots (tilled	
	B2 - Sedimen	•					spheres on Living	Roots (not tille	• 🗀	C8 - Crayfish I		
	B3 - Drift Dep				C4 - Prese		duced Iron			C9 - Saturation D2 - Geomorp	n Visible on Aerial Imagery	
	B4 - Algal Ma B5 - Iron Dep				Other (Exp		ace			D5 - FAC-Neu		
		on Visible on Aerial Im	nagery	_	Othor (EXP	ziaii i,					aved Hummocks (LRR F)	
	B9 - Water-S										,	
							-					
Field Obser	vations:											
Surface Wat	er Present?	Yes □	Depth	າ:	_ (in.)			Wetland H	lydrology l	Present?	N	
Water Table		Yes □	Depth		_ (in.)			Wottana I	iyarology .	i rosoni.		
Saturation Present? Yes Depth: (in.)												
			•		_ (,							
Describe Rec	orded Data (s	stream gauge, moni	itoring well, ae		<u> </u>	pections),	if available:					
Describe Rec		stream gauge, moni hydrology indicato			<u> </u>	pections),	if available:					
Remarks:					<u> </u>	pections),	if available:					
Remarks:	No wetland	hydrology indicato	ors present.	rial photos, pr	evious insp	·						
Remarks: SOILS Profile Descri	No wetland	hydrology indicators be to the depth ne	ors present.	rial photos, pr	evious insp	onfirm the	e absence of in					
Remarks: SOILS Profile Descri	No wetland	hydrology indicato	ors present.	rial photos, pr	evious insp	onfirm the	e absence of in					
Remarks: SOILS Profile Descri	No wetland	hydrology indicato be to the depth ne etion, RM=Reduced Ma	ors present.	rial photos, pr	evious insp	onfirm the	e absence of in ore Lining, M=Matr					
Remarks: SOILS Profile Descri (Type: C=Concer	No wetland	hydrology indicators be to the depth ne etion, RM=Reduced Ma	eeded to docu	rial photos, proment the indicated Sand	evious insp cator or co Grains; Loca	onfirm the tion: PL=Po	e absence of in ore Lining, M=Matr	ix)	Texture		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer	No wetland iption (Description, D=Depl	hydrology indicators be to the depth nestion, RM=Reduced Marix Color (Moist)	eeded to docu atrix, CS=Covere	ment the indi	evious insp cator or co Grains; Loca	onfirm the	e absence of in ore Lining, M=Matr		Texture		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer	No wetland	hydrology indicators be to the depth nestion, RM=Reduced Marix Color (Moist)	eeded to docu	ment the indi	evious insp cator or co Grains; Loca	onfirm the tion: PL=Po	e absence of in ore Lining, M=Matr	ix)	Texture SL		Remarks	
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-24	No wetland iption (Description, D=Depl	hydrology indicators be to the depth negation, RM=Reduced Matrix Color (Moist) 2/1	eeded to docu atrix, CS=Covere	ment the indi	evious inspectator or configurations; Local	onfirm the	e absence of in ore Lining, M=Matr es Type	ix)			Remarks	
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-24 NRCS Hydr	No wetland iption (Description, D=Deplementation, D=Deplementation) Hue_10YR	hydrology indicators be to the depth negation, RM=Reduced Matrix Color (Moist) 2/1	eeded to docu atrix, CS=Covere	ment the indicators are residual photos, proceedings of the indicators are residual photos.	evious inspectator or configurations; Local Moist)	onfirm the	e absence of in ore Lining, M=Matr es Type	Location	SL Indicators f	or Problemation		
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-24 NRCS Hydr	Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified	hydrology indicato be to the depth ne etion, RM=Reduced Ma Matrix Color (Moist) 2/1 Indicators (ch	eeded to docu atrix, CS=Covered % 100	ment the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and so	evious inspectator or configurations; Local Moist) Moist) Redox I Matrix Mucky Miner Gleyed Matrix d Matrix	Mottle % ation: PL=Po	e absence of in ore Lining, M=Matr es Type	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduce	luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depressi ed Vertic	c Soils ¹ (LRR F, G, H)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-24 NRCS Hydr	iption (Description, D=Deplementation, D=Depleme	hydrology indicato be to the depth ne etion, RM=Reduced Ma Matrix Color (Moist) 2/1 Indicators (ch	eeded to docu atrix, CS=Covere	ment the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and some statement of the indicators are respectively. So and so	evious inspectator or configurations; Local Moist) Moist) Redox I Matrix Mucky Miner Gleyed Matrix Dark Surface	mottle Mottle w ition: PL=Po	e absence of in ore Lining, M=Matr es Type	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduct TF2 - Red P	luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material	c Soils ¹ (LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-24 NRCS Hydr	iption (Descrintration, D=Depl Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete	hydrology indicato be to the depth neetion, RM=Reduced Marix Matrix Color (Moist) 2/1 Indicators (characters) ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface	eeded to docu atrix, CS=Covered % 1000	ment the indicators are r S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy O F3 - Depleted F6 - Redox D F7 - Depleted	cator or congrains; Local Moist) Moist) Redox I Matrix Mucky Miner Cleyed Matrix Dark Surface I Dark Surface	Mottle Mottle ix at a	e absence of in ore Lining, M=Matr es Type	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S	c Soils ¹ (LRR F, G, H) ons (LRR H, outside MLRA 72, 73) Surface	
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WETLAND DETERMINATION DATA FORM

Great Plains Region

Project/Site	: L3R				Sample Point: u-154n44w28-f1					
VEGETATIO		e non-native	species.)							
Tree Stratum	(Plot size: 30 ft. radius)									
	<u>Species Name</u>	% Cover	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet					
1.										
2.					Number of Dominant Species that are OBL, FACW, or FAC:(A)					
3.										
4.					Total Number of Dominant Species Across All Strata: 2 (B)					
5.										
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)					
7.										
8.					Prevalence Index Worksheet					
9.					Total % Cover of: Multiply by:					
10.					ORL spp. 0 v 1 – 0					
10.	Total Cover =	0	FACW spp. 0 × 2 = 0							
	Total Gover =		_		FAC spp. 0 × 3 = 0					
Conling/Chrub	Stratum (Diet aize: 45 ft radius)				OBL spp. 0					
	Stratum (Plot size: 15 ft. radius)				FACU spp. 20					
1.					OPL Spp.					
2.					T (1) 05 (2)					
3.					Total <u>95</u> (A) <u>455</u> (B)					
4.					<u> </u>					
5.					Prevalence Index = B/A = 4.789					
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) *					
Herb Stratum	(Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *					
1.	Bromus inermis	75	Υ	UPL	T Toblem Thydrophyllo Vogotation (Explain)					
2.	Poa pratensis	20	<u>.</u> Ү	FACU	* Indicators of hydric soil and wetland hydrology must be					
3.	r oa praterisis		'	TAGO	present, unless disturbed or problematic.					
4.					Definitions of Vegetation Strata:					
					Definitions of Vegetation Strata.					
5.										
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast height (DBH), regardless of height.					
7.					neight (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 =	95								
	rotal Gover =	- 00	_							
Woody Vine S	stratum (Plot size: 30 ft. radius)									
1.	tratum (Flot size. 30 ft. radius)									
2.				-						
3.					Hydrophytic Vegetation Present? N					
5.					Hydrophytic Vegetation Present? N					
4.	Tatal Oans									
	Total Cover =		117							
Remarks:	Dominant plants within the upland area are s	smooth bro	me and Ke	entucky bl	ue grass.					
Additional Remarks:										