WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:										Date: 0	8/20/14	
Applicant:										County: N	/larshall	
Investigators				Subregion (MLRA or LRR): MLRA 56						State: N	1N	
Soil Unit:	I16F			NWI Classification:								
Landform:	Depression			Loc	cal Relief: C	CC				Sample Point: W	v-157n47w16-f1	
Slope (%):	8 - 15%		Latitude: 48.4	19714	Longitude: -	96.732063		Datum:				
Are climatic/h	nydrologic co	nditions on the site	e typical for th	is time of yea	I r? (If no, expla	ain in remarks)			□ No	Section:		
Are Vegetation	on 🗆 Soil	□, or Hydrology	⊏significantl	/ disturbed?		Are nor	mal circum	stances pre	esent?	Township:		
Are Vegetation			•				Yes	□ No		Range:	Dir:	
SUMMARY C			The state of the s							901		
			Yes					Hydric Soil	s Present?	Yes		
Hydrophytic Vegetation Present? Wetland Hydrology Present?							Hydric Soils Present? Is This Sampling Poir					
Remarks:		is a shallow mars	Yes	ν All narame	ters of wetl	and conditi			nping rom	t vvitimi / t vv otic	ana: 100	
Remarks.	The wettand	is a strailow that	SIT III AII OXDO	w. All parame	iters or weth	and conditi	ons are me					
HADBOLOGA	V											
HYDROLOG	ĭ											
Wetland Hy	drology Indi	cators (Check all	that apply; M	inimum of one	e primary or	r two secon	idary requir	ed):				
<u>Primary:</u>	<u>-</u>								Secondary:			
	A1 - Surface V				B11 - Salt Cr					B6 - Surface Soil		
V	A2 - High Wat			□ B13 - Aquatic Fauna □						B8 - Sparsely Vegetated Concave Surface		
V	A3 - Saturation				C1 - Hydroge					B10 - Drainage Pa		
	B1 - Water Ma				C2 - Dry Sea			5			zospheres on Living Roots (tilled)	
	B2 - Sediment	•			C3 - Oxidized			Roots (not tille		C8 - Crayfish Burr		
	B3 - Drift Depo B4 - Algal Mat				C4 - Presence C7 - Thin Mu		a iron			D2 - Geomorphic	sible on Aerial Imagery	
	B5 - Iron Depo				Other (Explai				☑	D5 - FAC-Neutral		
	•	n Visible on Aerial Im	nagery		Other (Explai)					d Hummocks (LRR F)	
	B9 - Water-St		lagery						_	B7 Troot Floavor	a Hammooko (EKKT)	
_												
Field Observ	vations:											
		V	Donth		(in)							
Surface Wate		Yes	Depth		(in.)			Wetland H	lydrology l	Present?	Y	
Water Table		Yes ☑	Depth	_	(in.)				, ,,	_	<u>_</u>	
Saturation Pr	resent?	Yes ☑	Depth	n: O	(in.)							
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
Describe Reco	orded Data (s	tream gauge, moni	toring well, ae	rial photos, pre	` `	ctions), if av	ailable:					
	•				evious inspec	<u> </u>		had satura	ted soil: are	eas with shallow	surface water are present	
Describe Reco	Indicators of	wetland hydrolog			evious inspec	<u> </u>		had satura	ted soil; are	eas with shallow	surface water are present	
Remarks:	•	wetland hydrolog			evious inspec	<u> </u>		had satura	ted soil; are	eas with shallow	surface water are present	
Remarks:	Indicators of throughout t	wetland hydrolog he wetland.	y are present	. The sample	evious inspec point was to	aken in a lo	ocation that		ted soil; are	eas with shallow	surface water are present	
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-157n47w16-f1				
-					•				
VEGETATION	(Species identified in all uppercase are	e non-native	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: 2 (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: 100.0% (A/B)				
7.					(742)				
8.					Prevalence Index Worksheet				
9.									
					Total % Cover of: Multiply by:				
10.	Total Cover				OBL spp. 90				
	Total Cover =	0	_		OBL spp. 90				
					FAC spp. $\frac{6}{}$ X $3 = \frac{18}{}$				
	Stratum (Plot size: 15 ft. radius)		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		FACU spp				
1.	Acer negundo	5	Y	FAC	UPL spp. $0 x 5 = 0$				
2.									
3.					Total 106 (A) 128 (B)				
4.									
5.					Prevalence Index = B/A = 1.208				
6.									
7.									
8.					Hydrophytic Vegetation Indicators:				
9.					Rapid Test for Hydrophytic Vegetation				
10.					X Dominance Test is > 50%				
10.	Total Cover =	5			X Prevalence Index is ≤ 3.0 *				
	Total Cover =	<u> </u>							
					Morphological Adaptations (Explain) *				
Herb Stratum (Plot size: 5 ft. radius)			0.01	Problem Hydrophytic Vegetation (Explain) *				
1.	Carex emoryi	70	Y	OBL					
2.	Schoenoplectus tabernaemontani	20	N	OBL	* Indicators of hydric soil and wetland hydrology must be				
3.	Phalaris arundinacea	10	N	FACW	present, unless disturbed or problematic.				
4.	Apocynum cannabinum	1	N	FAC	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.				
					Herb - All Herbaccous (Horr woody) plants, regardless of size.				
13.									
14.									
15.					Woody Vines - All woody vines, regardless of height.				
	Total Cover =	101							
Woody Vine St	ratum (Plot size: 30 ft. radius)								
1.									
2.									
3.					Hydrophytic Vegetation Present? Y				
5.									
4.									
7.	Total Cover =	0							
Pomorke:			vorbank se	odgo and	ocated in an old oxbow. Hydrophytic vegetation is present.				
Remarks:	The shallow marsh plant community is domin	ialed by II	verbank se	eage and	ocated in an old oxbow. Hydrophytic vegetation is present.				
Additional Remarks:									