WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R									Date:	08/02/14	
Applicant:	•			Outropies (MLDA and DD)						County:	Marshall		
	vestigators: NTT/KRG			Subregion (MLRA or LRR): MLRA 56							State:	MN	
Soil Unit:	Nonreccion 115A				اما	NWI Classification: Local Relief: CC					Camanla Daimte	w 1555/5w7 b1	
Landform: Slope (%):	Depression 3 - 7%		Latitude: 48	Q 2550			-96.4973	10	Datum:		Sample Point:	w-155n45w7-b1	
. ,		onditions on the site							✓ Patum.	□ No	Section:		
Are Vegetation			significa □			11: (II 110, exp		normal circun			Township:		
Are Vegetation			□aturally	•			Ale	✓ Yes		esent:	Range:	Dir:	
SUMMARY C			Haturany	ргоог	cinatio:			E 163	□ 1 10		range.	Dii.	
Hydrophytic \			Ye	es					Hydric Soi	ls Present?	Yes		
Wetland Hyd	•		Ye			•					nt Within A We	etland? Yes	
Remarks:					at continue	s through	a grazed	cattle pasture				ris arundinacea and	d Typha
	angustifolia						J						,
HYDROLOG													
		icators (Chock all	that apply	r Mini	mum of on	o primary	or two cod	condary roqui	rod):				
Primary:		icators (Check all	triat apply	, iviii iii	mum or on	e primary o	or two sec	condary requi	red):	Secondary:			
	A1 - Surface	Water				B11 - Salt 0	Crust				B6 - Surface S	oil Cracks	
						B13 - Aqua						/egetated Concave Sui	rface
✓	A3 - Saturation			□ C1 - Hydrogen Sulfide Odor □ □ C2 - Dry Season Water Table □ □ C3 - Oxidized Rhizospheres on Living Roots (not till □ □							B10 - Drainage		
	B1 - Water M										C3 - Oxidized Rhizospheres on Living Roots (tilled)		
	B2 - Sedimer B3 - Drift Der	•								C8 - Crayfish E	surrows i Visible on Aerial Imag	erv	
	B4 - Algal Ma			□ C4 - Presence of Reduced Iron □ C7 - Thin Muck Surface □							D2 - Geomorpl		Ciy
	B5 - Iron Dep	osits		☐ Other (Explain)						D5 - FAC-Neut			
		on Visible on Aerial Ima	agery								D7 - Frost-Hea	ved Hummocks (LRR I	F)
	B9 - Water-S	tained Leaves											
Field Observ	votiono												
		V	D.	a.a.4la.		(in)							
Surface Wate		Yes		epth: _		(in.)			Wetland F	lydrology l	Present?	Υ	
Water Table Saturation Pr		Yes □ Yes ☑		epth: _	0	(in.)							
		1 es 🔻	De	epth: _	<u> </u>	(in.)							
	<u> </u>	stream gauge, monit		, aerial	photos, pre	evious insp	ections), if	f available:					
Remarks:	<u> </u>	stream gauge, monit d is saturated at the		, aerial	photos, pre	evious insp	ections), if	f available:					
Remarks:	<u> </u>			, aerial	l photos, pre	evious insp	ections), if	f available:					
Remarks:	The wetland	d is saturated at the	e surface.				·		adiantora)				
Remarks: SOILS Profile Descri	The wetland	d is saturated at the	e surface.	ocume	ent the indi	cator or co	onfirm the	absence of ir					
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Remarks: SOILS Profile Descri	The wetland	d is saturated at the	e surface.	ocume	ent the indi	cator or co	onfirm the	absence of ir re Lining, M=Mati					
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WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-155n45w7-b1
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:(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. <u>35</u> x 1 = <u>35</u>
	Total Cover =	0			FACW spp60
					OBL spp. 35
Sapling/Shrub S	Stratum (Plot size: 15 ft. radius)				FACU spp 0
1.					UPL spp. $0 x 5 = 0$
2.					
3.					Total 95 (A) 155 (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%
	Total Cover =	0			X Prevalence Index is ≤ 3.0 *
			_		Morphological Adaptations (Explain) *
Herb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *
1.	Phalaris arundinacea	50	Υ	FACW	
2.	Typha angustifolia	20	Υ	OBL	* Indicators of hydric soil and wetland hydrology must be
3.	Schoenoplectus tabernaemontani	15	N	OBL	present, unless disturbed or problematic.
4.	Poa palustris	10	N	FACW	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.					TICID - Commence of the commen
14.					
15.					Woody Vines - All woody vines, regardless of height.
15.	Total Caver	0.5			Woody Villes - All Woody Villes, Tegardiess of Height.
	Total Cover =	95	_		
11/ 1 1/ 0:	(5)				
Woody Vine St	ratum (Plot size: 30 ft. radius)				
1.					
2.					II. Local da Variatada Barra 10 V
3.					Hydrophytic Vegetation Present?Y
5.					
4.	7.110				
	Total Cover =			-16 11	
Remarks:	The wetland is dominated by Phalaris arundi	nacea and	Typha an	gustifolia.	
Additional R	lemarks:				
Ī					