WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	•									Date:	09/16/14
Applicant:	•			Cubracian (MIDA			and DD). MIDA CC		County:	Pennington	
Investigators	<u> </u>			Subregion (MLRA			•	MLRA 56		State:	MN
Soil Unit:	I15A			NWI Classification:					L	w 454n44w22 o2	
Landform:	Depression 0 - 2%		Latitude: 48.1				0256	Dotum		Sample Point	w-154n44w32-a2
Slope (%):		nditions on the site			Longitude:			Datum: ☑ Yes	□ No	Section:	
Are Vegetation					ai: (ii 110, exp		e normal circum			=	
Are Vegetation			□aturally pro			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e normal circuit ☑ Yes		CSCIII:	Township: Range:	Dir:
SUMMARY C			Haturally pro	biematic:			E 163	□ 1 10		Range.	Dii.
Hydrophytic \			Yes					Hydric Soi	Is Present?	Yes	
Wetland Hyd	•		Yes		-					nt Within A W	etland? Yes
Remarks:				and America	n elm. A ne	earby dra	ainage ditch is I				ik in the understory, along with
		species, suggests t				-	•	•	•	,	, , , , , , , , , , , , , , , , ,
HYDROLOG'			and one may a	o anymig o art,	,						
		icatora (Chaok all	that apply M	inimum of on	o primory	or two or		·od\•			
Primary:	•	icators (Check all	that apply; IVI	inimum of or	e primary	or two se	econdary requir	ea):	Secondary	•	
	<u>.</u>	Water			B11 - Salt (Crust			Secondary	<u>·</u> B6 - Surface S	Soil Cracks
	A2 - High Wa				B13 - Aqua						Vegetated Concave Surface
	A3 - Saturation				C1 - Hydro					B10 - Drainag	e Patterns
	B1 - Water M				C2 - Dry Se			Daata (nat 1:11			Rhizospheres on Living Roots (tilled)
	B2 - Sedimen B3 - Drift Dep	•					spheres on Living duced Iron	Roots (not till		C8 - Crayfish	Burrows n Visible on Aerial Imagery
	B4 - Algal Ma				C7 - Thin N					D2 - Geomorp	
	B5 - Iron Dep	osits			Other (Exp	lain)			✓	D5 - FAC-Neu	
		on Visible on Aerial Ima	agery							D7 - Frost-He	aved Hummocks (LRR F)
	B9 - Water-S	ained Leaves									
Field Observe											
Field Observ					(1)						
Surface Wat		Yes	Depth		_ (in.)			Wetland H	Hydrology	Present?	Υ
Water Table		Yes	Depth		_ (in.)				, ,,		
Saturation P	resent?	Yes	Depth	:	_ (in.)						
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:											
Describe Rec	orded Data (s	stream gauge, monit	toring well, ae	rial photos, pr	evious insp	ections),	if available:				
Remarks:		stream gauge, monit						collect wate	er.		
Remarks:								collect wate	er.		
Remarks:	Vegetation	passes the FAC-ne	eutral test, an	d the wetland	d is in a lov	w-lying a	rea that would (er.		
Remarks: SOILS Profile Descri	Vegetation iption (Descr	passes the FAC-ne	eutral test, an	d the wetland	d is in a lov	w-lying a	rea that would one	dicators.)	er.		
Remarks: SOILS Profile Descri	Vegetation iption (Descr	passes the FAC-ne	eutral test, an	d the wetland	d is in a lov	w-lying a	rea that would one	dicators.)	er.		
Remarks: SOILS Profile Descri	Vegetation iption (Descr	passes the FAC-near be to the depth near etion, RM=Reduced Ma	eutral test, an	d the wetland	d is in a lov	w-lying a onfirm the tion: PL=Pe	rea that would on the control of the	dicators.)	Pr.		
Remarks: SOILS Profile Descri (Type: C=Concer	Vegetation iption (Descr	be to the depth ned etion, RM=Reduced Ma	eutral test, an eded to docu atrix, CS=Covere	d the wetland ment the indi	d is in a lov cator or co Grains; Locat	w-lying a onfirm the tion: PL=Pe	rea that would one absence of incore Lining, M=Matrices	dicators.)			Remarks
Remarks: SOILS Profile Descri (Type: C=Concer	Vegetation iption (Descr	be to the depth need to the de	eutral test, an eded to docu atrix, CS=Covere	d the wetland	d is in a lov cator or co Grains; Locat	w-lying a onfirm the tion: PL=Pe	rea that would on the control of the	dicators.)	Texture		Remarks
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13	Vegetation iption (Descriptration, D=Depl	be to the depth ned etion, RM=Reduced Ma Matrix Color (Moist) 2/1	eded to docu etrix, CS=Covere	ment the indi	cator or co	w-lying a onfirm the tion: PL=Pe Mottle	rea that would one absence of interesting the material or an arrow the material or an arrow that is a second or a	dicators.)	Texture SICL	fine acad	Remarks
Remarks: SOILS Profile Descri (Type: C=Concer	Vegetation iption (Descr	be to the depth ned etion, RM=Reduced Ma Matrix Color (Moist) 2/1	eutral test, an eded to docu atrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR	cator or co Grains; Locat Moist)	w-lying a position: PL=Position: Mottle %	e absence of inore Lining, M=Matrices Type	dicators.) ix) Location	Texture SICL SCL	fine sand	Remarks
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13	Vegetation iption (Descriptration, D=Depl	be to the depth ned etion, RM=Reduced Ma Matrix Color (Moist) 2/1	eded to docu etrix, CS=Covere	ment the indi	cator or co Grains; Locat Moist)	w-lying a onfirm the tion: PL=Pe Mottle	rea that would one absence of interesting the material or an arrow the material or an arrow that is a second or a	dicators.)	Texture SICL	fine sand	Remarks
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13	Vegetation iption (Descriptration, D=Depl	be to the depth ned etion, RM=Reduced Ma Matrix Color (Moist) 2/1	eded to docu etrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR	cator or co Grains; Locat Moist)	w-lying a position: PL=Position: Mottle %	e absence of inore Lining, M=Matrices Type	dicators.) ix) Location	Texture SICL SCL		Remarks
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22	Vegetation iption (Description, D=Depl	be to the depth need to the de	eded to docuetrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR	cator or co Grains; Locat Moist)	w-lying a onfirm the tion: PL=Pe	e absence of in ore Lining, M=Matri	dicators.) ix) Location	Texture SICL SCL		Remarks
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22	Vegetation iption (Descriptration, D=Depl	be to the depth need to the de	eded to docu etrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR	cator or co Grains; Locat Moist)	w-lying a onfirm the tion: PL=Pe	e absence of inore Lining, M=Matrices Type	dicators.) ix) Location	Texture SICL SCL SCL	fine sand	_
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Vegetation iption (Description, D=Deplementation, D=Deplementation, D=Deplementation) Hue_10YR Hue_10YR Fic Soil Field	be to the depth need to the de	eded to docuetrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR	cator or co Grains; Locat Moist) 3/3 5/8	w-lying a onfirm the tion: PL=Pe	e absence of in ore Lining, M=Matri	dicators.) ix) Location	Texture SICL SCL SCL	fine sand for Problemati	_
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Vegetation iption (Description, D=Depl Hue_10YR Hue_10YR Hue_10YR A1- Histosol	be to the depth ned etion, RM=Reduced Marix Color (Moist) 2/1 4/1 Indicators (che	eded to docuetrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are i	cator or co Grains; Locat Moist) 3/3 5/8 not present	w-lying a onfirm the tion: PL=Pe	e absence of in ore Lining, M=Matri	dicators.) Location M M	Texture SICL SCL SCL SCL A9 - 1 cm N	fine sand for Problemati Muck (LRR I, J)	c Soils ¹
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep	be to the depth need to the de	eded to docuetrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are i	cator or co Grains; Locat Moist) 3/3 5/8 not present	w-lying a onfirm the tion: PL=Po	e absence of in ore Lining, M=Matri	dicators.) Location M M	Texture SICL SCL SCL SCL A9 - 1 cm N A16 - Coas	fine sand for Problemati fuck (LRR I, J) t Prairie Redox	c Soils ¹ (LRR F, G, H)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His	be to the depth nedetion, RM=Reduced Marix Color (Moist) 2/1 4/1 Indicators (checking depth and a stice)	eded to docuetrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are i	cator or co Grains; Locat Moist) 3/3 5/8 not present	w-lying a onfirm the tion: PL=Pe Mottle % 20 5	e absence of in ore Lining, M=Matri	dicators.) Location M M M	Texture SICL SCL SCL SCL A9 - 1 cm N A16 - Coast S7 - Dark S	fine sand for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G)	c Soils ¹ (LRR F, G, H)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge	be to the depth nedetion, RM=Reduced Marix Color (Moist) 2/1 4/1 Indicators (checking depth and a stice)	eded to docuetrix, CS=Covere	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are i	cator or co Grains; Locat Moist) 3/3 5/8 not present	w-lying a onfirm the tion: PL=Pe Mottle % 20 5	e absence of in ore Lining, M=Matri	Location M M	Texture SICL SCL SCL SCL A9 - 1 cm N A16 - Coast S7 - Dark S	fine sand for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depression	c Soils ¹ (LRR F, G, H)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu	be to the depth nedetion, RM=Reduced Marix Color (Moist) 2/1 4/1 Indicators (checking Sulfide Layers (LRR F) ck (LRR FGH)	eded to docuentrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are ii S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D	cator or co Grains; Local Moist) 3/3 5/8 not present	w-lying a onfirm the tion: PL=Po	e absence of in ore Lining, M=Matri	Location M M	Indicators A9 - 1 cm N A16 - Coas S7 - Dark S F16 - High I F18 - Reduc	fine sand for Problemati fluck (LRR I, J) t Prairie Redox flurface (LRR G) Plains Depression ced 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.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete	be to the depth need to the de	eded to docuentrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are i S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted	cator or co Grains; Locat Moist) 3/3 5/8 not present edox Matrix Mucky Minera Gleyed Matrix Mucky Minera Gleyed Matrix ark Surface	w-lying a onfirm the tion: PL=Po	e absence of in ore Lining, M=Matri	dicators.) Location M M M	Indicators A9 - 1 cm N A16 - Coasi S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very	fine sand for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S	c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D	be to the depth need to the de	eded to docu atrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are I S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) 3/3 5/8 not present edox Matrix fleyed Matrix ark Surface ark Surface pressions	w-lying a onfirm the tion: PL=Pe Mottle % 20 5 t):	e absence of in ore Lining, M=Matri	dicators.) Location M M M	Indicators A9 - 1 cm N A16 - Coasi S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very	fine sand for Problemati fluck (LRR I, J) t Prairie Redox flurface (LRR G) Plains Depression ced 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.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M	be to the depth ned etion, RM=Reduced Marix Matrix Color (Moist) 2/1 4/1 Indicators (checking Sulfide Layers (LRR F) ck (LRR FGH) cd Below Dark Surface ark Surface ucky Mineral	eded to docu atrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are I S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) 3/3 5/8 not present edox Matrix fleyed Matrix ark Surface ark Surface pressions	w-lying a onfirm the tion: PL=Pe Mottle % 20 5 t):	e absence of in ore Lining, M=Matri	dicators.) Location M M M	Indicators A9 - 1 cm N A16 - Coasi S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very	fine sand for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S	c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu	be to the depth need to the de	eded to docuentrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are I S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) 3/3 5/8 not present edox Matrix fleyed Matrix ark Surface ark Surface pressions	w-lying a onfirm the tion: PL=Pe Mottle % 20 5 t):	e absence of in ore Lining, M=Matri	dicators.) Location M M M	Indicators A9 - 1 cm N A16 - Coasi S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very Other (Expl	fine sand for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S ain in Remarks)	c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm N	be to the depth need to the de	eded to docuentrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are I S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) 3/3 5/8 not present edox Matrix fleyed Matrix ark Surface ark Surface pressions	w-lying a onfirm the tion: PL=Pe Mottle % 20 5 t):	e absence of in ore Lining, M=Matri	dicators.) Location M M M	Texture SICL SCL SCL SCL A9 - 1 cm N A16 - Coast S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very Other (Expl	fine sand for Problemati Muck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depression ced Vertic Parent Material y Shallow Dark S ain in Remarks)	c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu	be to the depth need to the de	eded to docuentrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are I S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) 3/3 5/8 not present edox Matrix fleyed Matrix ark Surface ark Surface pressions	w-lying a onfirm the tion: PL=Pe Mottle % 20 5 t):	e absence of in ore Lining, M=Matri	dicators.) Location M M M	Texture SICL SCL SCL SCL A9 - 1 cm N A16 - Coast S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very Other (Expl	fine sand for Problemati fluck (LRR I, J) t Prairie Redox curface (LRR G) Plains Depressiced Vertic Parent Material f Shallow Dark S ain in Remarks)	c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G	be to the depth need to the de	eded to docuentrix, CS=Covere % 100 75 eck here if ince	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are I S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or co Grains; Locat Moist) 3/3 5/8 not present edox Matrix Mucky Minera Bleyed Matrix ark Surface ark Surface bepressions ains Depres	w-lying a onfirm the tion: PL=Pe Mottle % 20 5 t):	e absence of in ore Lining, M=Matrices Type C C C	Location M M H CH CH CH CH CH CH CH CH	Indicators A9 - 1 cm N A16 - Coasi S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very Other (Explanations of unless disturb	fine sand for Problemati fluck (LRR I, J) t Prairie Redox curface (LRR G) Plains Depressiced Vertic Parent Material f Shallow Dark Sain in Remarks)	c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-13 13-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G	be to the depth need to the de	eded to docustrix, CS=Coveres % 100 75 eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income eck here if income	ment the indid/Coated Sand Color (Hue_5YR Hue_10YR dicators are i S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High P	cator or congrains; Locate Moist) 3/3 5/8 not present edox Matrix Mucky Minera Gleyed Matrix Matrix eark Surface to Dark Surface	w-lying a onfirm the tion: PL=Po	e absence of in ore Lining, M=Matrices Type C C C Hydric So	Location M M H H H H H H H H H H H H H H H H H	Texture SICL SCL SCL SCL A9 - 1 cm N A16 - Coasi S7 - Dark S F16 - High I F18 - Reduct TF2 - Red F TF12 - Very Other (Explain)	fine sand for Problemati fuck (LRR I, J) t Prairie Redox Surface (LRR G) Plains Depressiced Vertic Parent Material of Shallow Dark Stain in Remarks) hydrophytic vegetated or problematic.	c Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72, 73) Surface

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	: L3R				Sample Point: w-154n44w32-a2				
VEGETATIO	· · · ·	re non-native	species.)						
Tree Stratum	(Plot size: 30 ft. radius)								
	<u>Species Name</u>	% Cover	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet				
1.	Fraxinus pennsylvanica	30	Y	FAC					
2.	Ulmus americana	20	Υ	FAC	Number of Dominant Species that are OBL, FACW, or FAC: 6 (A)				
3.	Populus tremuloides	15	Υ	FAC					
4.					Total Number of Dominant Species Across All Strata:(B)				
5.									
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 85.7% (A/B)				
7.									
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10. Total Cover =					OBL spp5				
	- 65			FACW spp. 100 $x 2 = 200$					
					FAC spp110				
Sapling/Shrub	Stratum (Plot size: 15 ft. radius)				FACU spp 55				
1.	Ulmus americana	25	Υ	FAC	UPL spp. $\underline{\qquad}$ $x = \underline{\qquad}$				
2.	Quercus macrocarpa	20	Y	FACU					
3.	Fraxinus pennsylvanica	15	N	FAC	Total <u>270</u> (A) <u>755</u> (B)				
4.	Toxicodendron rydbergii	10	N	FACU					
5.	Ribes hudsonianum	5	N	OBL	Prevalence Index = B/A = 2.796				
6.	Cornus racemosa	5	N	FAC					
7.									
8.					Hydrophytic Vegetation Indicators:				
9.					Rapid Test for Hydrophytic Vegetation				
10.					X Dominance Test is > 50%				
	Total Cover =	80			X Prevalence Index is ≤ 3.0 *				
					Morphological Adaptations (Explain) *				
Herb Stratum ((Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Equisetum pratense	70	Υ	FACW					
2.	Rubus pubescens	25	Υ	FACW	* Indicators of hydric soil and wetland hydrology must be				
3.	Fragaria virginiana	15	N	FACU	present, unless disturbed or problematic.				
4.	Amphicarpaea bracteata	5	N	FACU	Definitions of Vegetation Strata:				
5.	Thalictrum dioicum	5	N	FACW					
6	Aralia nudicaulis	5	N	FACU	Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast				
7.	, wana naasaane			17.00	height (DBH), regardless of height.				
8.									
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
10.					Gapinig/Oniab				
11.									
12.					Herb - All herbaceous (non-woody) plants, regardless of size.				
13.					riero				
14.									
15.					Woody Vines - All woody vines, regardless of height.				
15.	Total Caver	405			Woody Villes - All Woody Villes, Tegardiess of Height.				
	Total Cover =	125							
)	(D) (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1								
Woody Vine St	tratum (Plot size: 30 ft. radius)								
1.									
2.				_	Uhadha sahadia Wasadadia a Barasa (O)				
3.					Hydrophytic Vegetation Present?Y				
5.									
4.	Territor	^							
Danasadas	Total Cover =		and transl	Parameter .	The short laws in the size of a discovering and the same laws at law and the same laws at laws. The same same laws are larger than the same laws at law and the same laws are larger than the same larger than				
Remarks:				oling aspe	n. The shrub layer is dominated by American elm and bur oak saplings. The ground				
layer is primarily meadow horsetail and dwarf raspberry.									
Additional Remarks:									