WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:										Date:	00/20/14		
Project/Site:		L3R Enbridge									<u>09/30/14</u>		
Applicant:	~	_	Subragion (MLDA or LDD): MLDA 56							County:	Pennington		
Investigator										State:	MN		
Soil Unit:	I34A						I Classification:						
Landform:	Depression			Local Relief: LC							:: w-153n44w13-a1		
Slope (%):	0 - 2%		de: 48.078		Longitude:			Datum:					
Are climatic	/hydrologic c	onditions on the site typic	cal for this	s time of yea	ar? (If no, exp	1			□ No	Section:			
Are Vegetat		il □, or Hydrology □sigr	-			Are	e normal circum	nstances pre	esent?	Township:			
Are Vegetat	ion 🗆 So	il 🗆, or Hydrology 🗅 atu	urally prob	olematic?			☑ Yes	□ No		Range:	Dir:		
	SUMMARY OF FINDINGS												
	Vegetation F		Yes					Hydric Soil	s Present?	Yes			
• • •	drology Pres		Yes		-					t Within A W	/etland? Yes		
Remarks:		marsh community domina		whrid cattail	and reed (o vrener	raes in a roads						
Nemans.	A Shanow i	Halon community comm	aleu by h	yonu cattan	anu roou c	Janary y	1055 11 0 10000				y Noau 7.		
HYDROLOG	βΥ ····································												
Wetland H	vdrology Inc	dicators (Check all that a	apply; Mir	himum of or	e primary	or two se	econdary requi	red):					
Primary			"FT 7/		- r				Secondary:				
	A1 - Surface	Water			B11 - Salt (Crust				B6 - Surface	Soil Cracks		
	A2 - High Wa			B13 - Aquatic Fauna						B8 - Sparsely Vegetated Concave Surface			
	A3 - Saturati				C1 - Hydrog					B10 - Drainag			
	B1 - Water N				C2 - Dry Se						Rhizospheres on Living Roots (tilled)		
	B2 - Sedime						spheres on Living	Roots (not tille		C8 - Crayfish			
	B3 - Drift De				C4 - Preser						n Visible on Aerial Imagery		
	B4 - Algal Ma				C7 - Thin M		ace			D2 - Geomorp D5 - FAC-Neu			
	B5 - Iron Dep B7 - Inundati	posits ion Visible on Aerial Imagery			Other (Expl	lain)					atral Test aved Hummocks (LRR F)		
		Stained Leaves								DI - FIUSI-HE			
	D3 - Waler-C												
Field Obser					41 X								
	ter Present?		Depth:		_ (in.)			Wetland H	vdrology	Present?	Y		
Water Table	Present?	Yes 🗆	Depth:		_ (in.)			Wettand .	yurology.	1636111	1		
Saturation Present? Yes Depth: (in.)													
Outeration	Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
	corded Data (etream gauge monitoring	well aeria	al photos pr	- avious insp	actions)	if available:						
Describe Red			·		· · ·					t - f watland			
		(stream gauge, monitoring of wetland hydrology are	·		· · ·			ne vegetatio	n and a ma	t of wetland	mosses.		
Describe Red Remarks:			·		· · ·			ne vegetatio	n and a ma	t of wetland	mosses.		
Describe Red Remarks: SOILS	Indicators (of wetland hydrology are	present.	There is a c	dried algal i	mat inte	rmingled with th	Ū	n and a ma	t of wetland	mosses.		
Describe Red Remarks: SOILS Profile Desc	Indicators of the second secon	of wetland hydrology are	present.	There is a c	dried algal i	mat inte	rmingled with the end of in	dicators.)	n and a ma	t of wetland	mosses.		
Describe Red Remarks: SOILS Profile Desc	Indicators of the second secon	of wetland hydrology are	present.	There is a c	dried algal i	mat inte	rmingled with the end of in	dicators.)	n and a ma	t of wetland	mosses.		
Describe Red Remarks: SOILS Profile Desc	Indicators of the second secon	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C	present.	There is a c	dried algal i	mat internations on firm the lion: PL=P	rmingled with th e absence of in ore Lining, M=Matr	dicators.)	n and a ma	t of wetland	mosses.		
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix	to docum	There is a content the indi	dried algal i cator or co Grains; Locat	mat inte onfirm the tion: PL=P	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		it of wetland			
Describe Red Remarks: SOILS Profile Desc	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C	present.	There is a c	dried algal i cator or co Grains; Locat	mat internations on firm the lion: PL=P	rmingled with th e absence of in ore Lining, M=Matr	dicators.)	n and a ma	t of wetland	mosses. Remarks		
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix	to docum	There is a content the indi	dried algal i cator or co Grains; Locat	mat inte onfirm the tion: PL=P	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix	to docum	There is a content the indi	dried algal i cator or co Grains; Locat	mat inte onfirm the tion: PL=P	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix	to docum	There is a content the indi	dried algal i cator or co Grains; Locat	mat inte onfirm the tion: PL=P	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix	to docum	There is a content the indi	dried algal i cator or co Grains; Locat	mat inte onfirm the tion: PL=P	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix	to docum	There is a content the indi	dried algal i cator or co Grains; Locat	mat inte onfirm the tion: PL=P	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix	to docum	There is a content the indi	dried algal i cator or co Grains; Locat	mat inte onfirm the tion: PL=P	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce	Indicators (ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist)	to docum	There is a content the indi	dried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators (of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist)	to docum	There is a content the indi	dried algal i	mat inte	rmingled with th e absence of in ore Lining, M=Matr es	dicators.)		t of wetland			
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators (of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist)	to docum	There is a content the indi	dried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture	t of wetland	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators (of wetland hydrology are ribe to the depth needed bletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h	to docum	There is a content the indi	Aried algal	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture		Remarks		
Describe Red Remarks: SOILS Profile Desci (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed oletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h	to docum	There is a content the indi /Coated Sand of Color (Aried algal	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture <u>Indicators f</u> A9 - 1 cm M	or Problemati	Remarks		
Describe Red Remarks: SOILS Profile Descri (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep	of wetland hydrology are ribe to the depth needed oletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h	bresent.	There is a content the indi /Coated Sand of Color (Color (cators are r S5 - Sandy R	Aried algal	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G	Remarks		
Describe Red Remarks: SOILS Profile Descri (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E	of wetland hydrology are ribe to the depth needed bletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h spipedon listic	to docum	There is a content the indi /Coated Sand of Color (Color (color sand of cators are r S5 - Sandy R S6 - Stripped	Aried algal i	mat intention: PL=P Mottle %	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G	Remarks		
Describe Red Remarks: SOILS Profile Descri (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Iric Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifie	of wetland hydrology are ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F)	to docum	There is a content the indi /Coated Sand of Color (Color (Color (Color (S5 - Sandy R S5 - Sandy R S6 - Stripped F1 - Loamy C F3 - Depleted	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depress	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifie A9 - 1 cm Mu	ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH)	to docum	There is a content the indi /Coated Sand of Color (Color (Color (Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy Of F3 - Depleted F6 - Redox D	Aried algal i cator or co Grains; Locat Moist) Moist) not present Redox Matrix Mucky Minera Gleyed Matrix d Matrix Dark Surface	mat inter	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic Parent Material	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Iric Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifie A9 - 1 cm Me A11 - Deplet	of wetland hydrology are ribe to the depth needed oletion, RM=Reduced Matrix, C Matrix Color (Moist) Color (Moist) d Indicators (check h spipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface	to docum	There is a content the indi /Coated Sand of Color (Color (Color (Color (S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy O F3 - Depleted F6 - Redox D F7 - Depleted	Aried algal i Cator or co Grains; Locat Moist) Moist) not present Redox I Matrix Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	mat inter	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Se F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	or Problemati luck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic varent Material Shallow Dark	Remarks		
Describe Red Remarks: SOILS Profile Descri (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Ma A11 - Deplet A12 - Thick I	ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface	to docum	There is a content the indi /Coated Sand of /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Se F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic Parent Material	Remarks		
Describe Red Remarks: SOILS Profile Descri (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Mu A11 - Deplet A12 - Thick I S1 - Sandy M	ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Mineral	to docum	There is a content the indi /Coated Sand of /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Se F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	or Problemati luck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic varent Material Shallow Dark	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Iric Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Mi A11 - Deplet A12 - Thick I S1 - Sandy M S2 - 2.5 cm I	ribe to the depth needed oletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h Spipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Mineral Mucky Peat or Peat (LRR G,	to docum	There is a content the indi /Coated Sand of /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic arent Material Shallow Dark ain in Remarks	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Mi A11 - Deplet A12 - Thick I S1 - Sandy M S2 - 2.5 cm Mi	ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Peat or Peat (LRR G, ucky Peat or Peat (LRR F)	to docum	There is a content the indi /Coated Sand of /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi eed Vertic varent Material Shallow Dark ain in Remarks	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Mi A11 - Deplet A12 - Thick I S1 - Sandy M S2 - 2.5 cm Mi	ribe to the depth needed oletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h Spipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Mineral Mucky Peat or Peat (LRR G,	to docum	There is a content the indi /Coated Sand of /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic arent Material Shallow Dark ain in Remarks	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Mi A11 - Deplet A12 - Thick I S1 - Sandy M S2 - 2.5 cm Mi	ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Peat or Peat (LRR G, ucky Peat or Peat (LRR F)	to docum	There is a content the indi /Coated Sand of /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrees	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi eed Vertic varent Material Shallow Dark ain in Remarks	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Allocation, D=Dep Al	ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Peat or Peat (LRR G, ucky Peat or Peat (LRR F) Gleyed Matrix	to docum	There is a content the indi /Coated Sand of /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrices	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi eed Vertic varent Material Shallow Dark ain in Remarks	Remarks		
Describe Red Remarks: SOILS Profile Descri (Type: C=Conce Depth (In.) Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Mu A11 - Deplet A12 - Thick I S1 - Sandy M S2 - 2.5 cm Mu S3 - 5 cm Mu S4 - Sandy O er Type	ribe to the depth needed oletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Peat or Peat (LRR G, ucky Peat or Peat (LRR F) Gleyed Matrix	to docum S=Covered, % % here if ind 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	There is a content the indi /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrices	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Sc F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla ¹ Indicators of h unless disturbe	or Problemati or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic Parent Material Shallow Dark ain in Remarks ad or problematic.	Remarks		
Describe Red Remarks: SOILS Profile Descr (Type: C=Conce Depth (In.)	Indicators of ription (Desci entration, D=Dep Inic Soil Field A1- Histosol A2 - Histic E A3 - Black H A4 - Hydroge A5 - Stratifier A9 - 1 cm Mu A11 - Deplet A12 - Thick I S1 - Sandy M S2 - 2.5 cm Mu S3 - 5 cm Mu S4 - Sandy O er Type	ribe to the depth needed pletion, RM=Reduced Matrix, C Matrix Color (Moist) d Indicators (check h pipedon listic en Sulfide ed Layers (LRR F) uck (LRR FGH) ted Below Dark Surface Dark Surface Mucky Peat or Peat (LRR G, ucky Peat or Peat (LRR F) Gleyed Matrix	to docum S=Covered, % % here if ind 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	There is a content the indi /Coated Sand of Color (Color (Co	Aried algal i	mat inte	rmingled with the eabsence of in ore Lining, M=Matrices	dicators.)	Texture Indicators f A9 - 1 cm M A16 - Coast S7 - Dark Sc F16 - High F F18 - Reduc TF2 - Red P TF12 - Very Other (Expla ¹ Indicators of h unless disturbe	or Problemati or Problemati uck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ed Vertic Parent Material Shallow Dark ain in Remarks ad or problematic.	Remarks		

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-153n44w13-a1				
VEGETATIO	N (Species identified in all uppercase are	e non-native	species.)						
Tree Stratum	(Plot size: 30 ft. radius)								
	<u>Species Name</u>	<u>% Cover</u>	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.					Percent of Dominant Species mat Are OBE, PACW, of PAC. 100.076 (A/D)				
					Drevelence Index Merkeheet				
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.					OBL spp. 25 X 1 = 25				
	Total Cover =	0	_		FACW spp. 52 x $2 = 104$				
				FACW spp. 52 x 2 = 104 FAC spp. 0 x 3 = 0 FACU spp. 0 x 4 = 0					
Sapling/Shrub	Stratum (Plot size: 15 ft. radius)				FACU spp. 0 $x 4 = 0$				
1.	Salix discolor	2	Ν	FACW	UPL spp. 0 $x 5 = 0$				
2.									
3.					Total 77 (A) 129 (B)				
4.									
5.					Provolonoo Indox - P/A - 1675				
					Prevalence Index = $B/A = $ 1.675				
6.									
7.									
8.					Hydrophytic Vegetation Indicators:				
9.					Rapid Test for Hydrophytic Vegetation				
10.					X Dominance Test is > 50%				
	Total Cover =	2			X Prevalence Index is ≤ 3.0 *				
			_		Morphological Adaptations (Explain) *				
Harb Stratum ((Plot size: Eft. rodius)								
	Plot size: 5 ft. radius)	50	Y		Problem Hydrophytic Vegetation (Explain) *				
1.	Phalaris arundinacea	50	· · · ·	FACW					
2.	Typha X glauca	20	Y	OBL	* Indicators of hydric soil and wetland hydrology must be				
3.	Carex pellita	5	N	OBL	present, unless disturbed or problematic.				
4.					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.									
					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.				
9.					Saping/Sinub - Woody plants loss than o in. DBin, regulatess 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 =	75							
		75	_						
Woody Vine St	ratum (Plot size: 30 ft. radius)								
1.									
2.									
3.					Hydrophytic Vegetation Present? Y				
5.									
4.									
	Total Cover =	0							
Remarks:			arass and	1 hybrid ca	attail in a road ditch. Hydrophytic vegetation is present.				
itemarks.	A shallow marsh community commated by re	ou calidiy	yiass and						
Additional Remarks:									