WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	07/30/14	
Applicant:		Enbridge								County:	Marshall	
Investigators		BEH/BCS/MRK			_Subregio	•	or LRR):	MLRA 56		State:	MN	
Soil Unit:	I34A			_			I Classification	n: <u>PEMA</u>				
Landform:	Talf				cal Relief:					Sample Point:	u-157n47w27-b1	
Slope (%):	0 - 2%		Latitude: 48.39				1269612	Datum:				
		nditions on the sit			ar? (If no, exp				□ No	Section:		
Are Vegetation		□, or Hydrology				Are	e normal circu	-	esent?	Township:		
Are Vegetation		□, or Hydrology	□aturally pro	blematic?			✓ Yes	□ No		Range:	Dir:	
SUMMARY C												
Hydrophytic \	•		No		_				Is Present?			
Wetland Hyd			No						mpling Poin	t Within A We	etland? No	
Remarks: The upland sample point is located in a soybean field. The area corresponds with a NWI polygon.												
HYDROLOG	Υ											
Wetland Hv	drology Ind	icators (Check all	I that apply: M	inimum of or	e primary	or two s	econdary requ	uired):				
Primary:	•	(0110011 0111			, py			5 5./ 1	Secondary:			
	A1 - Surface	Water			B11 - Salt (Crust				B6 - Surface S	oil Cracks	
	A2 - High Wa				B13 - Aqua						Vegetated Concave Surfa	ce
	A3 - Saturation				C1 - Hydro					B10 - Drainage		, (c)
	B1 - Water M B2 - Sedimen				C2 - Dry So		ater Table spheres on Living	a Poote (not till	,	C3 - Oxidized R	Rhizospheres on Living Ro	oots (tillea)
	B3 - Drift Dep	•					educed Iron	g 1000s (not till	, –		n Visible on Aerial Imagery	V
	B4 - Algal Ma			_	C7 - Thin N				_	D2 - Geomorpi		,
	B5 - Iron Dep				Other (Exp	lain)				D5 - FAC-Neut		
		on Visible on Aerial Im	nagery							D7 - Frost-Hea	eved Hummocks (LRR F)	
	B9 - Water-S	ained Leaves										
5 : 1101												
Field Observ					4.							
Surface Wate		Yes □		:	_ (in.)			Wetland F	lydrology F	Present?	N	
Water Table		Yes □	Depth		_ (in.)			TTO CLAITA	.ya.c.egy .	10001111	<u></u>	
Saturation Pr	resent?	Yes □	Depth	:	_ (in.)							
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:												
Describe Rec	orded Data (s	stream gauge, mon	itoring well, ae	rial photos, pr	evious insp	ections),	if available:					
Describe Reco	<u> </u>	stream gauge, mon or secondary hydr			<u>.</u>	ections),	, if available:					
	<u> </u>				<u>.</u>	ections),	, if available:					
	<u> </u>				<u>.</u>	ections),	, if available:					
Remarks: SOILS Profile Descri	No primary	or secondary hydr	rological indica	ators were ob	eserved.	onfirm th	e absence of i					
Remarks: SOILS Profile Descri	No primary	or secondary hydr	rological indica	ators were ob	eserved.	onfirm th	e absence of i					
Remarks: SOILS Profile Descri	No primary	or secondary hydrone be to the depth neetion, RM=Reduced M	rological indica	ators were ob	eserved.	onfirm th	e absence of i					
Remarks: SOILS Profile Descri (Type: C=Concer	No primary	or secondary hydrobe to the depth neetion, RM=Reduced M	rological indica eeded to docu latrix, CS=Covere	ment the indi	cator or co	onfirm th tion: PL=P	e absence of i	atrix)				
Remarks: SOILS Profile Descri (Type: C=Concer	No primary iption (Descriptration, D=Depl	or secondary hydrobe to the depth neetion, RM=Reduced M Matrix Color (Moist)	rological indicated to document the second the second to document the second	ators were ob	cator or co	onfirm th	e absence of i		Texture		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer	No primary	or secondary hydrobe to the depth neetion, RM=Reduced M Matrix Color (Moist)	rological indica eeded to docu latrix, CS=Covere	ment the indi	cator or co	onfirm th tion: PL=P	e absence of i	atrix)	Texture SCL		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer	No primary iption (Descriptration, D=Depl	or secondary hydrobe to the depth neetion, RM=Reduced M Matrix Color (Moist)	rological indicated to document the second to document the second to document the second term of the second	ment the indi	cator or co	onfirm th tion: PL=P	e absence of i	atrix)			Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18	No primary iption (Descriptration, D=Depl	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1	rological indicated to document the second to document the second to document the second term of the second	ment the indi	cator or co	onfirm th tion: PL=P Mottl	e absence of i ore Lining, M=Ma es Type	Location	SCL		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18	No primary iption (Descriptration, D=Depl	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1	rological indicated to document the second to document the second to document the second term of the second	ment the indi	cator or co	onfirm th tion: PL=P Mottl	e absence of i ore Lining, M=Ma es Type	Location	SCL		Remarks	
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18	No primary iption (Descriptration, D=Depl	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1	rological indicated to document the second to document the second to document the second term of the second	ment the indi	cator or co	onfirm th tion: PL=P Mottl	e absence of i ore Lining, M=Ma es Type	Location	SCL		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	No primary iption (Descriptration, D=Depl Hue_10YR Hue_2.5Y	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3	eeded to doculatrix, CS=Covere	ment the indid/Coated Sand Color (Hue_2.5Y	cator or co Grains; Local	Mottle 10	e absence of i ore Lining, M=Ma es Type	Location	SCL		Remarks	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	No primary iption (Descriptration, D=Depl	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3	rological indicated to document the second to document the second to document the second term of the second	ment the indid/Coated Sand Color (Hue_2.5Y	cator or co Grains; Local	Mottle 10	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	SCL SCL	or Problematic		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21 NRCS Hydr	No primary iption (Descriptration, D=Depl Hue_10YR Hue_2.5Y	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3	eeded to doculatrix, CS=Covere	ment the indid/Coated Sand Color (Hue_2.5Y	cator or co Grains; Local Moist) 3/1 not presen	Mottle 10	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	SCL SCL	or Problematic		
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	No primary iption (Description, D=Deplementation, D=Deplementatio	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (ch	eeded to doculatrix, CS=Covere	ment the indid/Coated Sand Color (Hue_2.5Y dicators are ii S5 - Sandy R S6 - Stripped	cator or co Grains; Local Moist) 3/1 not presented ox Matrix	Mottle %	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	SCL SCL Indicators f A9 - 1 cm M	or Problematic uck (LRR I, J) Prairie Redox (: Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21 NRCS Hydr	Hue_10YR Hue_2.5Y Tic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (chain chain chai	eeded to doculatrix, CS=Covere	ment the indid/Coated Sand Color (Hue_2.5Y dicators are ii \$5 - Sandy R \$6 - Stripped \$1 - Loamy N	cator or co Grains; Local Moist) 3/1 anot presentedox Matrix Mucky Minera	Mottle % 10 tion: PL=P	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St	luck (LRR I, J) Prairie Redox (urface (LRR G)	: Soils ¹ LRR F, G, H)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_2.5Y A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/3 Indicators (chain in Sulfide)	rological indicated to document the second second to document the second	ment the indid/Coated Sand Color (Hue_2.5Y dicators are ii S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy O	cator or co Grains; Local Moist) 3/1 not presented ox Matrix Mucky Minera	Mottle % 10 tion: PL=P	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High P	uck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressic	: Soils ¹	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_2.5Y Tic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (chain sulfide Layers (LRR F)	rological indicated at the control of the control o	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted	Cator or co Grains; Local Moist) 3/1 not presented with the content of the cont	mottle when the second	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduce	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressioned Vertic	: Soils ¹ LRR F, G, H)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu	or secondary hydrometric be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/3 Indicators (chapted on Stice on Sulfide Layers (LRR F) ck (LRR FGH)	rological indicated at the control of the control o	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D	cator or co Grains; Local Moist) 3/1 anot presented with the content of the con	mottle which was all and the conformation of t	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressions ed Vertic Parent Material	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21 NRCS Hydr	Hue_10YR Hue_2.5Y Tic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete	or secondary hydrone be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (chain chain cha	rological indicated at the control of the control o	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy O F3 - Depleted F6 - Redox D F7 - Depleted	cator or co Grains; Local Moist) 3/1 not presented with the content of the cont	mottle which was all and the conformation of t	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_2.5Y Tic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D	or secondary hydrometric be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/3 Indicators (characteristic by Sulfide Layers (LRR F) Color (LRR FGH) Color (LRR	rological indicated at the control of the control o	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or cograins; Local Moist) 3/1 anot present edox Matrix Mucky Minera Gleyed Matrix ark Surface d Dark Surface depressions	Mottle % 10 tion: PL=P	e absence of Pore Lining, M=Mares Type C	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depressions ed Vertic Parent Material	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21 NRCS Hydr	Hue_10YR Hue_2.5Y Fic Soil Field A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M	or secondary hydrometric be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/3 Indicators (characteristic by Sulfide Layers (LRR F) Color (LRR FGH) Color (LRR	rological indicated at the control of the control o	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or cograins; Local Moist) 3/1 anot present edox Matrix Mucky Minera Gleyed Matrix ark Surface d Dark Surface depressions	Mottle % 10 tion: PL=P	e absence of interest of the core Lining, M=Market of the core Lining, M=M	Location	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduc TF2 - Red P TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ed Vertic Parent Material Shallow Dark S	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_2.5Y Tic Soil Field 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	or secondary hydrometric be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (characters) ipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LR cky Peat or Peat (LR)	rological indicated at the cological indicated a	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or cograins; Local Moist) 3/1 anot present edox Matrix Mucky Minera Gleyed Matrix ark Surface d Dark Surface depressions	Mottle % 10 tion: PL=P	e absence of Pore Lining, M=Mares Type C	Location	SCL SCL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S Ain in Remarks)	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73)	it be present,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_2.5Y Hue_2.5Y Colored 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	or secondary hydrometric be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (characters) ipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LR cky Peat or Peat (LR)	rological indicated at the cological indicated a	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or cograins; Local Moist) 3/1 anot present edox Matrix Mucky Minera Gleyed Matrix ark Surface d Dark Surface depressions	Mottle % 10 tion: PL=P	e absence of Pore Lining, M=Mares Type C	Location	SCL SCL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S Ain in Remarks)	ESoils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface	it be present,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_2.5Y Tic Soil Field 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	or secondary hydrometric be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (characters) ipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LR cky Peat or Peat (LR)	rological indicated at the cological indicated a	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	cator or cograins; Local Moist) 3/1 anot present edox Matrix Mucky Minera Gleyed Matrix ark Surface d Dark Surface depressions	Mottle % 10 tion: PL=P	e absence of Pore Lining, M=Mares Type C	Location	SCL SCL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S Ain in Remarks)	ESoils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface	it be present,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21	Hue_10YR Hue_10YR Hue_2.5Y Fic Soil Field 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	or secondary hydrometric be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (characters) ipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LR cky Peat or Peat (LR)	rological indicated at the cological indicated a	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r 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; Local Moist) 3/1 not presented with the content of the cont	Mottle % 10 tion: PL=P	e absence of increase of increase in the control of	Location M RR H)	SCL SCL SCL SCL SCL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High P F18 - Reduc TF2 - Red P TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S Ain in Remarks)	ESoils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface	it be present,
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-18 18-21 NRCS Hydr	Hue_10YR Hue_2.5Y Hue_2.5Y Fic Soil Field 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 Type:	or secondary hydrometric be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 5/3 Indicators (characters) ipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LR cky Peat or Peat (LR)	rological indicated at the cological indicated a	ment the indid/Coated Sand Color (Hue_2.5Y dicators are r S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy R F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D F16 - High Pl	cator or cograins; Locar Moist) 3/1 anot presented Matrix Mucky Mineral Matrix Mucky Mineral Matrix Dark Surface Dark Surface Dark Surface Depressions ains Depressions	Mottle % 10 t): al x since ssions (ML	e absence of increase of incre	Location M RR H)	Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F F18 - Reduct TF2 - Red P TF12 - Very Other (Explain	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression red Vertic Parent Material Shallow Dark S ain in Remarks) hydrophytic vegetat red or problematic.	ESoils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface	it be present,

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point:	u-157n47w27-b1
_						
VEGETATIO	、 .	e non-native	species.)			
Tree Stratum ((Plot size: 30 ft. radius) Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet	
1.	<u>species riairie</u>	<u>70 00 01</u>	Dominant	<u>ma.otatao</u>		
2.					Number of Dominant Species that are OBL, F	ACW, or FAC: 0 (A)
3.						
4.					Total Number of Dominant Species Ac	ross All Strata:1(B)
5.						
6.					Percent of Dominant Species That Are OBL, F	FACW, or FAC: <u>0.0%</u> (A/B)
7.						
8.					Prevalence Index Worksheet	
9.					Total % Cover of: Multiply by:	
10.					OBL spp. 0	0
	Total Cover =	0			FACW spp 0	0
					FAC spp. 0 x 3 =	0
— · · · · · · · · · · · · · · · · · · ·	Stratum (Plot size: 15 ft. radius)				FACU spp. 0 X 4 =	0
1. 2.					UPL spp. <u>85</u>	425
3.					Total 95 (A)	425 (P)
4.					Total <u>85</u> (A)	425 (B)
5.					Prevalence Index = B/A =	5.000
6.					Frevalence maex = B/A =	3.000
7.						
8.					Hydrophytic Vegetation Indicators:	
9.						Hydrophytic Vegetation
10.					Dominance Te	
10.	Total Cover =	0			Prevalence Ind	
	. Star Gover					Adaptations (Explain) *
Herb Stratum (Plot size: 5 ft. radius)					ophytic Vegetation (Explain) *
1.	Glycine max	85	Υ	NI	11051011111ya10	priyito vogotation (Explain)
2.	oyeme max		<u> </u>		* Indicators of hydric soil	and wetland hydrology must be
3.						disturbed or problematic.
4.					Definitions of Vegetation Strata:	
5.						
6					Tree - Woody plants 3 in	n. (7.6cm) or more in diameter at breast
7.					height (DBH), reg	
8.						
9.					Sapling/Shrub - Woody plants less	s than 3 in. DBH, regardless of height.
10.						
11.						
12.					Herb - All herbaceous (no	on-woody) plants, regardless of size.
13.						
14.						
15.					Woody Vines - All woody vines, r	regardless of height.
	Total Cover =	85				
	•					
Woody Vine St	ratum (Plot size: 30 ft. radius)					
1.						
2.						
3.					Hydrophytic Vegetatio	n Present?N
5.						
4.						
	Total Cover =	0				
Remarks:	The site is dominated by soybeans.					
Additional R	Remarks:					