## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date: <u>09/25/14</u>
Applicant:		Enbridge								County: Marshall
Investigators:		BEH/NTT			_Subregio	•	or LRR):	MLRA 56		State: MN
Soil Unit:	I18A			_			I Classification:			
Landform:	Side slope				cal Relief:					Sample Point: u-154n45w2-c2
\ /	3 - 7%			037231	Longitude:			Datum:		
	<del>,                                      </del>	nditions on the site typica			ar? (If no, exp		•		□ No	Section:
Are Vegetation			-	disturbed?		Are	e normal circum	•	esent?	Township:
Are Vegetation			ally prol	blematic?			Yes	□ No		Range: Dir:
SUMMARY O										
Hydrophytic \			No		_				Is Present?	
Wetland Hydi	rology Prese	nt?	No					Is This Sa	mpling Poir	nt Within A Wetland? <b>No</b>
Remarks:	Upland sam	iple point in a soybean fie	eld, up a	a gradual slo	pe from a	seasona	ally-flooded area	a on the ed	ge of a woo	odline.
HYDROLOGY	Y									
Wetland Hye	drology Ind	icators (Check all that ap	nlv: Mi	nimum of or	ne primary	or two se	econdary requir	ed).		
Primary:	•	icators (Check all that ap	pry, iviii		ic primary	OI TWO S	econdary requir	eu).	Secondary:	
		Water			B11 - Salt (	Crust				B6 - Surface Soil Cracks
	A2 - High Wa	ter Table			B13 - Aqua					B8 - Sparsely Vegetated Concave Surface
	A3 - Saturation				C1 - Hydro					B10 - Drainage Patterns
	B1 - Water M				C2 - Dry Se			D		C3 - Oxidized Rhizospheres on Living Roots (tilled)
	B2 - Sedimen	•			C3 - Oxidiz C4 - Prese		spheres on Living	Roots (not till	lŧ 🗆	C8 - Crayfish Burrows
	B3 - Drift Dep B4 - Algal Ma				C7 - Thin N					C9 - Saturation Visible on Aerial Imagery D2 - Geomorphic Position
	B5 - Iron Dep				Other (Exp					D5 - FAC-Neutral Test
	•	on Visible on Aerial Imagery			(	,				D7 - Frost-Heaved Hummocks (LRR F)
	B9 - Water-St	ained Leaves								
Field Observ	vations:									
Surface Wate	er Present?	Yes	Depth:		_ (in.)			Wetland F	lydrology	Present? N
Water Table	Present?	Yes	Depth:		_ (in.)			vvetiana i	iyarology i	——————————————————————————————————————
Saturation Pr	esent?	Yes	Depth:		_ (in.)					
Describe Reco	orded Data (s	stream gauge, monitoring v	/ell. aeri	al photos, pr	evious insp	ections).	if available:			
	<u> </u>	or secondary hydrologica	-		<u>.</u>	,				
rtomanto.	140 primary	or secondary riyarologice	iiiaioa	toro word or	oor vou.					
SOILS										
	ption (Descri	ha to the depth peeded to	docun							
		be to the depth needed to	J accar	nent the indi	icator or co	onfirm th	e absence of in	dicators.)		
	ntration, D=Depl	etion, RM=Reduced Matrix, CS					e absence of in ore Lining, M=Matri			
	ntration, D=Depl									
	ntration, D=Depl						ore Lining, M=Matri			
Depth (In.)	ntration, D=Depl	etion, RM=Reduced Matrix, CS			Grains; Locat	tion: PL=P	ore Lining, M=Matri		Texture	Remarks
Depth (In.)		etion, RM=Reduced Matrix, CS Matrix Color (Moist)	=Covered	/Coated Sand	Grains; Locat	tion: PL=P	ore Lining, M=Matri	(x)	Texture	Remarks
0-8	Hue_10YR	Matrix Color (Moist)  2/1	% 100	/Coated Sand	Grains; Locat	tion: PL=P	ore Lining, M=Matri	(x)	SCL	Remarks
0-8 8-13	Hue_10YR Hue_10YR	Matrix Color (Moist)  2/1 2/1	% 100 95	Coated Sand	Moist)	tion: PL=P	ore Lining, M=Matri es Type	Location	SCL SCL	Remarks
0-8 8-13 8-13	Hue_10YR Hue_10YR Hue_10YR	Matrix Color (Moist)  2/1  2/1 6/3	% 100 95 4	Color (	Moist)  8 5/8	Mottle %	ore Lining, M=Matri es Type C	Location	SCL SCL SIC	Remarks
0-8 8-13	Hue_10YR Hue_10YR	Matrix Color (Moist)  2/1  2/1 6/3	% 100 95	Color ( Hue_7.5YR Hue_7.5YR	Moist)  8 5/8  8 5/8	Mottle % 1 17	es Type C C	Location  M M	SCL SCL SIC SIC	Remarks
0-8 8-13 8-13	Hue_10YR Hue_10YR Hue_10YR	Matrix Color (Moist)  2/1  2/1 6/3	% 100 95 4	Color ( Hue_7.5YR Hue_10YR	Moist)  8 5/8 8 5/8 7/1	Mottle %  1 17 10	es Type C C D	Location  M M M	SCL SCL SIC SIC SIC	Remarks
0-8 8-13 8-13 13-22	Hue_10YR Hue_10YR Hue_10YR Hue_10YR	Matrix Color (Moist)  2/1  2/1  6/3  6/3	% 100 95 4 70	Coated Sand  Color (  Hue_7.5YR  Hue_7.5YR  Hue_10YR  Hue_5YR	Moist)  8 5/8 8 5/8 7/1 4/6	Mottle %  1 17 10 3	es Type C C C C C	Location  M M	SCL SCL SIC SIC	Remarks
0-8 8-13 8-13	Hue_10YR Hue_10YR Hue_10YR Hue_10YR	Matrix Color (Moist)  2/1  2/1  6/3  6/3	% 100 95 4 70	Color ( Hue_7.5YR Hue_10YR	Moist)  8 5/8 8 5/8 7/1 4/6	Mottle %  1 17 10 3	es Type C C D	Location  M M M	SCL SCL SIC SIC SIC SIC	
0-8 8-13 8-13 13-22 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR	Matrix Color (Moist)  2/1  2/1  6/3  6/3	% 100 95 4 70	Coated Sand  Color (  Hue_7.5YR  Hue_7.5YR  Hue_10YR  Hue_5YR  icators are i	Moist)  R 5/8 R 5/8 R 7/1 4/6 not present	Mottle %  1 17 10 3	es Type C C C C C	Location  M M M M	SCL SCL SIC SIC SIC SIC	for Problematic Soils <sup>1</sup>
0-8 8-13 8-13 13-22 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR ic Soil Field	Matrix Color (Moist) 2/1 2/1 6/3 6/3 Indicators (check he	% 100 95 4 70	Coated Sand  Color (  Hue_7.5YR  Hue_7.5YR  Hue_10YR  Hue_5YR  icators are i	Moist)  Solve of the second of	Mottle %  1 17 10 3	es Type C C C C C	Location  M M M M	SCL SCL SIC SIC SIC SIC SIC SIC A9 - 1 cm M	for Problematic Soils <sup>1</sup> fluck (LRR I, J)
0-8 8-13 8-13 13-22 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR  ic Soil Field  A1- Histosol A2 - Histic Ep	Matrix Color (Moist) 2/1 2/1 6/3 6/3 Indicators (check he	% 100 95 4 70	Coated Sand  Color (  Hue_7.5YR  Hue_7.5YR  Hue_10YR  Hue_5YR  licators are i	Moist)  R 5/8 R 5/8 R 7/1 4/6 not present	Mottle %  1 17 10 3 t):	es Type C C C C C	Location  M M M M	SCL SCL SIC SIC SIC SIC SIC Indicators f A9 - 1 cm M A16 - Coast	for Problematic Soils¹ fuck (LRR I, J) t Prairie Redox (LRR F, G, H)
0-8 8-13 8-13 13-22 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black His	Matrix Color (Moist)  2/1 2/1 6/3 6/3 Indicators (check he	% 100 95 4 70	Coated Sand  Color (  Hue_7.5YR  Hue_7.5YR  Hue_10YR  Hue_5YR  licators are I  S5 - Sandy R  S6 - Stripped F1 - Loamy N	Moist)  R 5/8 R 5/8 R 7/1 A/6 not present	Mottle %  1 17 10 3 t):	es Type C C C C C	Location  M M M M	SCL SCL SIC SIC SIC SIC SIC Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S	for Problematic Soils <sup>1</sup> Muck (LRR I, J) It Prairie Redox (LRR F, G, H) urface (LRR G)
0-8 8-13 8-13 13-22 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge	Matrix Color (Moist) 2/1 2/1 6/3 6/3 Indicators (check he	% 100 95 4 70	Coated Sand  Color (  Hue_7.5YR  Hue_7.5YR  Hue_10YR  Hue_5YR  licators are I  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy O	Moist)  R 5/8 R 5/8 R 7/1 4/6 not present Redox Mucky Minera Gleyed Matrix	Mottle %  1 17 10 3 t):	es Type C C C C C	Location  M M M M	SCL SCL SIC SIC SIC SIC SIC SIC SIC A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F	for Problematic Soils <sup>1</sup> Muck (LRR I, J)  Prairie Redox (LRR F, G, H)  urface (LRR G)  Plains Depressions (LRR H, outside MLRA 72, 73)
0-8 8-13 8-13 13-22 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified	Matrix Color (Moist)  2/1 2/1 6/3 6/3 Indicators (check he	% 100 95 4 70 re if ind	Coated Sand  Color (  Hue_7.5YR  Hue_7.5YR  Hue_10YR  Hue_5YR  licators are I  S5 - Sandy R  S6 - Stripped F1 - Loamy N	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 not present Redox H Matrix Mucky Minera Gleyed Matrix d Matrix	Mottle %  1 17 10 3 t):	es Type C C C C C	Location  M M M M	SCL SCL SIC SIC SIC SIC SIC Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduce	for Problematic Soils <sup>1</sup> Muck (LRR I, J)  Prairie Redox (LRR F, G, H)  urface (LRR G)  Plains Depressions (LRR H, outside MLRA 72, 73)
0-8 8-13 8-13 13-22 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete	Matrix Color (Moist)  2/1  2/1  6/3  6/3  Indicators (check he stice of Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface	% 100 95 4 70 re if ind	Color (  Hue_7.5YR Hue_7.5YR Hue_7.5YR Hue_10YR Hue_5YR licators are I  S5 - Sandy R S6 - Stripped F1 - Loamy N F2 - Loamy N F3 - Depleted F6 - Redox D F7 - Depleted	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 not present Redox Mucky Minera Gleyed Matrix Dark Surface d Dark Surface	Mottle %  1 17 10 3 t):	es Type C C C C C	Location  M M M M	SCL SCL SIC SIC SIC SIC SIC SIC SIC A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	for Problematic Soils <sup>1</sup> Muck (LRR I, J) Prairie Redox (LRR F, G, H) urface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) Ced Vertic Parent Material Problematic Soils <sup>1</sup> Shallow Dark Surface
0-8 8-13 8-13 13-22  NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR  Ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D	Matrix Color (Moist)  2/1 2/1 6/3 6/3 6/3  Indicators (check he lipedon stic in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface	% 100 95 4 70  re if ind	Color (  Hue_7.5YR Hue_7.5YR Hue_10YR Hue_10YR Icators are I  S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 Not present Redox H Matrix Mucky Minera Gleyed Matrix Dark Surface Depressions	Mottle %  1 17 10 3 t):	es Type C C C	Location  M M M M ————————————————————————————	SCL SCL SIC SIC SIC SIC SIC SIC SIC A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	for Problematic Soils <sup>1</sup> Muck (LRR I, J) t Prairie Redox (LRR F, G, H) turface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) teed Vertic Parent Material
0-8 8-13 8-13 13-22  NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR  Hue_10YR  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M	Matrix Color (Moist)  2/1 2/1 6/3 6/3 6/3  Indicators (check he stice has Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral	% 100 95 4 70 re if ind	Color (  Hue_7.5YR Hue_7.5YR Hue_10YR Hue_10YR Icators are I  S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 Not present Redox H Matrix Mucky Minera Gleyed Matrix Dark Surface Depressions	Mottle %  1 17 10 3 t):	es Type C C C C C	Location  M M M M ————————————————————————————	SCL SCL SIC SIC SIC SIC SIC SIC SIC A9 - 1 cm M A16 - Coast S7 - Dark Si F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	for Problematic Soils <sup>1</sup> Muck (LRR I, J) Prairie Redox (LRR F, G, H) urface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) Ced Vertic Parent Material Problematic Soils <sup>1</sup> Shallow Dark Surface
0-8 8-13 8-13 13-22  NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M	Matrix Color (Moist)  2/1  2/1  6/3  6/3  6/3  Indicators (check heading the stick of Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral Mucky Peat or Peat (LRR G, F	% 100 95 4 70 re if ind	Color (  Hue_7.5YR Hue_7.5YR Hue_10YR Hue_10YR Icators are I  S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 Not present Redox H Matrix Mucky Minera Gleyed Matrix Dark Surface Depressions	Mottle %  1 17 10 3 t):	es Type C C C	Location  M M M M ————————————————————————————	SCL SIC SIC SIC SIC SIC SIC SIC  Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	for Problematic Soils <sup>1</sup> Muck (LRR I, J)  Prairie Redox (LRR F, G, H)  urface (LRR G)  Plains Depressions (LRR H, outside MLRA 72, 73)  ced Vertic  Parent Material  Shallow Dark Surface  ain in Remarks)
0-8 8-13 8-13 13-22  NRCS Hydri	Hue_10YR 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	Matrix Color (Moist)  2/1 2/1 6/3 6/3  Indicators (check he  ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LRR G, F cky Peat or Peat (LRR F)	% 100 95 4 70 re if ind	Color (  Hue_7.5YR Hue_7.5YR Hue_10YR Hue_10YR Icators are I  S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 Not present Redox H Matrix Mucky Minera Gleyed Matrix Dark Surface Depressions	Mottle %  1 17 10 3 t):	es Type C C C	Location  M M M M ————————————————————————————	SCL SCL SIC SIC SIC SIC SIC SIC  Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	for Problematic Soils <sup>1</sup> Muck (LRR I, J) Prairie Redox (LRR F, G, H) urface (LRR G) Plains Depressions (LRR H, outside MLRA 72, 73) Ced Vertic Parent Material Problematic Soils <sup>1</sup> Shallow Dark Surface
0-8 8-13 8-13 13-22  NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR  ic Soil Field  A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M	Matrix Color (Moist)  2/1 2/1 6/3 6/3  Indicators (check he  ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LRR G, F cky Peat or Peat (LRR F)	% 100 95 4 70 re if ind	Color (  Hue_7.5YR Hue_7.5YR Hue_10YR Hue_10YR Icators are I  S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 Not present Redox H Matrix Mucky Minera Gleyed Matrix Dark Surface Depressions	Mottle %  1 17 10 3 t):	es Type C C C	Location  M M M M ————————————————————————————	SCL SCL SIC SIC SIC SIC SIC SIC  Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	for Problematic Soils¹  Muck (LRR I, J)  t Prairie Redox (LRR F, G, H)  urface (LRR G)  Plains Depressions (LRR H, outside MLRA 72, 73)  ced Vertic  Parent Material  y Shallow Dark Surface  ain in Remarks)
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0-8 8-13 8-13 13-22  NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR  ic 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	Matrix Color (Moist)  2/1 2/1 6/3 6/3  Indicators (check he  ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LRR G, F cky Peat or Peat (LRR F)	% 100 95 4 70 re if ind	Color (  Hue_7.5YR Hue_7.5YR Hue_10YR Hue_10YR Icators are I  S5 - Sandy R S6 - Stripped F1 - Loamy R F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D	Moist)  R 5/8 R 5/8 R 5/8 R 7/1 A/6 Not present Redox Mucky Minera Gleyed Matrix Dark Surface d Dark Surface d Dark Surface d Dark Surface Depressions lains Depres	Mottle %  1 17 10 3 t):	es Type C C C	Location  M M M M C C C C C C C C C C C C C C C	SCL SCL SIC SIC SIC SIC SIC SIC SIC  Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Explain	for Problematic Soils¹  Muck (LRR I, J)  t Prairie Redox (LRR F, G, H)  urface (LRR G)  Plains Depressions (LRR H, outside MLRA 72, 73)  ced Vertic  Parent Material  y Shallow Dark Surface  ain in Remarks)

## WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-154n45w2-c2
VEGETATIO	、 .	e non-native	species.)		
Tree Stratum (	(Plot size: 30 ft. radius) Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.	<u>oposios rvarno</u>	<u>70 00vci</u>	Dominant	<u>ma.otatas</u>	
2.					Number of Dominant Species that are OBL, FACW, or FAC: 0 (A)
3.					
4.					Total Number of Dominant Species Across All Strata:1(B)
5.					
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
7.					
8.					Prevalence Index Worksheet
9.					Total % Cover of: Multiply by:
10.	Total Caver				OBL spp. 0
	Total Cover =	0	_		FACW spp. $0 \times 2 = 0$
Conling/Chrub (	Stratum (Plataiza: 15 ft radius)				$\begin{array}{cccccccccccccccccccccccccccccccccccc$
1.	Stratum (Plot size: 15 ft. radius)				UPL spp. $\frac{1}{40}$ $\frac{1}{x}$ $\frac{4}{5}$ $\frac{4}{200}$
2.					
3.					Total 41 (A) 204 (B)
4.					
5.					Prevalence Index = B/A = 4.976
6.					<u></u>
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.					Dominance Test is > 50%
	Total Cover =	0	_		Prevalence Index is ≤ 3.0 *
					Morphological Adaptations (Explain) *
	Plot size: 5 ft. radius)		V	KII	Problem Hydrophytic Vegetation (Explain) *
1.	Glycine max	40	<u> </u>	NI	* Indicators of hydric soil and watland hydrology must be
2.	Setaria pumila	1	N	FACU	* Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
3. 4.				_	Definitions of Vegetation Strata:
5.					Definitions of Vegetation Strata.
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast
7.				_	height (DBH), regardless of height.
8.				_	7
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					7
11.					7
12.					<b>Herb</b> - All herbaceous (non-woody) plants, regardless of size.
13.					
14.					
15.					Woody Vines - All woody vines, regardless of height.
	Total Cover =	41	_		
Woody Vine St	ratum (Plot size: 30 ft. radius)				
2.					_
3.				_	Hydrophytic Vegetation Present?
5.					Hydrophytic vegetation Fresent:
4.					
	Total Cover =	0		<u> </u>	
Remarks:	Cultivated soybean dominates the sample po				
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Additional R	Remarks:				
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