WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	10/04/14
Applicant:		Enbridge								County:	Red Lake
Investigators		NTT/BEH			Subre	egion (MLR/	\ or I DD\·	MLRA 56		State:	MN
		NT I/DLII				•	•			State.	IVIIN
Soil Unit:	159A						I Classification:				
Landform:	Talf				Local Re	lief: LL				Sample Point:	u-151n42w10-g2
Slope (%):	0 - 2%		Latitude: 47	7.908871	Lonait	ude: -96.013	3111	Datum:			
		nditions on the sit						⊡Yes	□No	Section:	
										1	
Are Vegetation		☐ or Hydrology		ntly disturbe		Ai	e normal circun		esent?	Township:	
Are Vegetation	on 🖵 Soil	☐ or Hydrology	□ aturally	problematic	?		Yes	□No		Range:	Dir:
SUMMARY (OF FINDINGS	S									
Hydrophytic '			No					Llydria Sai	ls Present?	. No	
			No								
Wetland Hyd			No							nt Within A W	etland? No
Remarks:	The upland	point is located in	an open m	leadow area	. The dom	inant plants	are smooth bro	ome and Ke	ntucky blue	e grass.	
LIVEROL OO	· ·										
HYDROLOG	Υ										
Wetland Hy	drology Ind	icators (Check all	I that apply:	Minimum o	one prim	arv or two s	econdary requi	red):			
Primary		ioutoro (oricon un	i tilat apply,	,	one pinn	ary or two c	occinatily roqui		Secondary:		
	A1 - Surface '	Mator			□ D11 0	Salt Crust				B6 - Surface S	oil Cracks
l H											
	A2 - High Wa										Vegetated Concave Surface
	A3 - Saturatio					ydrogen Sulfi				B10 - Drainage	
	B1 - Water M					ry Season Wa		D 1 - / 1 CII			Rhizospheres on Living Roots (tille
	B2 - Sedimen						spheres on Living	Roots (not till		C8 - Crayfish E	
	B3 - Drift Dep				_	resence of Re					Nisible on Aerial Imagery
	B4 - Algal Ma					hin Muck Surf	ace			D2 - Geomorp	
	B5 - Iron Dep				☐ Other	(Explain)				D5 - FAC-Neut	
		on Visible on Aerial Im	nagery							D7 - Frost-Hea	aved Hummocks (LRR F)
	B9 - Water-S	tained Leaves									
Field Obser	vations:										
			_		/:	`					
Surface Wat		_		epth:	(in.	,		Wetland F	lydrology I	Present?	N
Water Table	Present?	Yes \square	De	epth:	(in.	.)		· · · · · · · · · · · · · · · · · · ·	.yu.o.ogy		• • • • • • • • • • • • • • • • • • • •
Saturation Pr	resent?	Yes	De	epth:	(in.	.)					
D 11 D	1 15 1 1						26 21 1 1				
Describe Rec		stream gauge, moni			, previous	inspections)	, if available:				
Describe Rec		stream gauge, moni			, previous	inspections)	, if available:				
					, previous	inspections)	, if available:				
Remarks:					, previous	inspections)	, if available:				
Remarks:	No wetland	hydrology indicato	ors present.					odicators)			
Remarks: SOILS Profile Descri	No wetland	hydrology indicate	ors present.	ocument the	ndicator o	or confirm th	ne absence of ir				
Remarks: SOILS Profile Descri	No wetland	hydrology indicato	ors present.	ocument the	ndicator o	or confirm th	ne absence of ir				
Remarks: SOILS Profile Descri	No wetland	hydrology indicators ibe to the depth ne	ors present.	ocument the	ndicator o	or confirm th Location: PL=F	ne absence of ir				
Remarks: SOILS Profile Descri	No wetland	hydrology indicate	ors present.	ocument the rered/Coated S	indicator c and Grains; I	or confirm th	ne absence of ir				
Remarks: SOILS Profile Descri	No wetland	hydrology indicators ibe to the depth ne	eeded to do	ocument the rered/Coated S	ndicator o	or confirm th Location: PL=F	ne absence of ir		Texture		Remarks
Remarks: SOILS Profile Descri (Type: C=Concer	No wetland	hydrology indicate the to the depth ne etion, RM=Reduced M Matrix Color (Moist)	eeded to do	ocument the rered/Coated S	indicator c and Grains; I	or confirm th Location: PL=F Mottl	ne absence of in Pore Lining, M=Matr	rix)			Remarks
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3	No wetland iption (Descriptration, D=Depl	hydrology indicate the to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1	eeded to do latrix, CS=Cov	ocument the vered/Coated S	ndicator c and Grains; I or (Moist)	or confirm the Location: PL=F	ne absence of ir Pore Lining, M=Matr es Type	Location	FSL		Remarks
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12	No wetland iption (Descriptration, D=Depl Hue_10YR Hue_10YR	hydrology indicate tibe to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2	eeded to do latrix, CS=Cov	ocument the vered/Coated S Col Col Col Col Col Col Col Col Col Co	ndicator of and Grains; I or (Moist)	or confirm the Location: PL=F	es absence of ir	Location M	FSL LS		Remarks
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19	ption (Descr ntration, D=Depl Hue_10YR Hue_10YR Hue_5Y	hydrology indicate tibe to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2	eeded to do latrix, CS=Cov	% Col 00 95 Hue_10	ndicator cand Grains; I	mor confirm the coation: PL=F Mottl % 3 5 3 10	es Type	Location M M	FSL LS C		Remarks
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19	ption (Descr ntration, D=Depl Hue_10YR Hue_10YR Hue_5Y	hydrology indicate tibe to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2	eeded to do latrix, CS=Cov	% Col 00 95 Hue_10	ndicator cand Grains; I	mor confirm the coation: PL=F Mottl % 3 5 3 10	es Type C C C	Location M M	FSL LS C		Remarks
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22	No wetland iption (Descr ntration, D=Depi Hue_10YR Hue_10YR Hue_5Y Hue_5Y	hydrology indicate tibe to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1	peeded to do do datrix, CS=Cov	% Col 00 95 Hue_10	or (Moist) YR 5/8 YR 6/8	or confirm the Location: PL=F Mottl % 8 5 10 5 5	es Type C C C	Location M M	FSL LS C		
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland iption (Description, D=Depl Hue_10YR Hue_10YR Hue_5Y Hue_5Y Hue_5Y A1- Histosol A2 - Histic Ep	hydrology indicate tibe to the depth neetion, RM=Reduced Mi Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (chains)	peeded to do do datrix, CS=Cov	% Col 000 95 Hue_10 95 Hue_10 1 S5 - San	ndicator cand Grains; I	Mottl Mo	es Type C C C	Location M M M	FSL LS C C Indicators f A9 - 1 cm M A16 - Coast	luck (LRR I, J) Prairie Redox (: Soils ¹
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland iption (Descritration, D=Depl Hue_10YR Hue_10YR Hue_5Y Hue_5Y ic Soil Field	hydrology indicate tibe to the depth neetion, RM=Reduced Mi Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (chains)	peeded to do do datrix, CS=Cov	% Col 00 95 Hue_10 95 Hue_10 Findicators a	or (Moist) YR 5/8 YR 6/8 YR 6/8 YR 6/8 YR 6/8 YR Much Matrix or Mucky Mucky Mucky Mucky Mucky Mucky Mucky Mucky Market Articles or Mucky M	or confirm the location: PL=F Mottl % 3 5 3 10 3 5 seent):	es Type C C C	Location M M M	FSL LS C C Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark Si	luck (LRR I, J) : Prairie Redox (urface (LRR G)	: <u>Soils¹</u> LRR F, G, H)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland iption (Description, D=Depl Hue_10YR Hue_10YR Hue_5Y Hue_5Y Hue_5Y A1- Histosol A2 - Histic Ep	hydrology indicate the to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (ch	peeded to do do datrix, CS=Cov	coument the rered/Coated S % Col 00 95 Hue 10 95 Hue 10 15 Hue 10 16 S5 San 16 S6 Strip 17 F1 Loa 16 F2 - Loa	or (Moist) YR 5/8 YR 6/8	mor confirm the continue of th	es Type C C C	Location M M M	FSL LS C C C Indicators f A9 - 1 cm M A16 - Coast S7 - Dark St F16 - High F	luck (LRR I, J) : Prairie Redox (urface (LRR G) Plains Depressio	: Soils ¹
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland iption (Describeration, D=Deption) Hue_10YR Hue_10YR Hue_5Y Hue_5Y A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge	hydrology indicate the to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (ch	peeded to do do datrix, CS=Cov	S5 - San S6 - Strip F1 - Loai F3 - Dep	or (Moist) YR 5/8 YR 6/8 YR	or confirm the Location: PL=F Mottl % 3 5 3 10 3 5 sent):	es Type C C C	Location M M M	FSL LS C C Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark Si	luck (LRR I, J) : Prairie Redox (urface (LRR G) Plains Depressio	: <u>Soils¹</u> LRR F, G, H)
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_5Y Hue_5Y Hue_5Y A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A9 - 1 cm Mu A9 - 1 cm Mu	hydrology indicate be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (ch ipedon stic n Sulfide Layers (LRR F)	eeded to do atrix, CS=Cov	S5 - San S6 - Strip F1 - Loai F3 - Dep	ndicator condicator of (Moist) YR 5/8 YR 6/8 YR 6/8 re not pre ty Redox ped Matrix ny Mucky M ny Mucky M ny teted Matrix ox Dark Sur Dark Sur Dark Sur	mor confirm the location: PL=F Mottl % 3 5 3 10 3 5 sent):	es Type C C C	Location M M M	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark S1 F18 - Reduc TF2 - Red F	luck (LRR I, J) : Prairie Redox (urface (LRR G) Plains Depression ced Vertic	Soils¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_5Y Hue_5Y Hue_5Y A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A9 - 1 cm Mu A9 - 1 cm Mu	hydrology indicate be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (chain a suiface of the color of th	eeded to do atrix, CS=Cov	Cole Cole	or (Moist) YR 5/8 YR 6/8 YR	mor confirm the continue of the confirm the continue of the co	es Type C C C	Location M M M	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark SI F18 - Red uc TF2 - Red F TF12 - Very	fuck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material	Soils¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland iption (Description) Hue_10YR Hue_10YR Hue_5Y Hue_5Y Hue_5Y A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A11 - Deplete	hydrology indicated by the depth neetion, RM=Reduced M. Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (chairpedon stic in Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface	eeded to do atrix, CS=Cov	S5 - San S6 - Strip F6 - Red F7 - Red F8 - Re	ndicator cand Grains; in the control of the control	Mottl Mo	es Type C C C	Location M M M	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark SI F18 - Red uc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression Depression Code Vertic Parent Material Shallow Dark S	Soils¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	Hue_10YR Hue_5Y Hue_5Y Hue_5Y A3 - Histics Ep. A3 - Stratified A9 - 1 cm Mu A11 - Deplete A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M	hydrology indicated by the depth neetion, RM=Reduced M. Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (chairpedon stic in Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface	eeded to do atrix, CS=Cov	S5 - San S6 - Strip F6 - Red F7 - Red F8 - Re	ndicator cand Grains; in the control of the control	Mottl Mo	es Type C C C	Location M M M	Indicators 1 A9 - 1 cm M A16 - Coast S7 - Dark SI F18 - Red uc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression Depression Code Vertic Parent Material Shallow Dark S	Soils¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73)
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Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	Hue_10YR Hue_10YR Hue_5Y Hue_5Y Hue_5Y A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A11 - Toplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu	hydrology indicators be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (chairpedon stic on Sulfide Layers (LRR F) ck (LRR FGH) dd Below Dark Surface ucky Mineral fucky Peat or Peat (LR)	eeded to do latrix, CS=Cov	S5 - San S6 - Strip F6 - Red F7 - Red F8 - Re	ndicator cand Grains; in the control of the control	Mottl Mo	es Type C C C	Location M M M	Indicators of half to the control of	duck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression ced Vertic Parent Material Shallow Dark S ain in Remarks)	Soils¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73)
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland Iption (Description	hydrology indicators be to the depth neetion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (chairpedon stic on Sulfide Layers (LRR F) ck (LRR FGH) dd Below Dark Surface ucky Mineral fucky Peat or Peat (LR)	eeded to do latrix, CS=Cov	S5 - San S6 - Strip F6 - Red F7 - Red F8 - Re	ndicator cand Grains; in the control of the control	Mottl Mo	es Type C C C	Location M M M	Indicators of half to the control of	duck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression 2 Vertic Parent Material Shallow Dark S ain in Remarks) hydrophytic vegetat	E Soils ¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73) Surface
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland iption (Description (Description)	hydrology indicate be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) dd Below Dark Surface ucky Mineral flucky Peat or Peat (LR leyed Matrix	eeded to do latrix, CS=Cov	% Col 00 00 05 Hue 10 095 Hue 10 095 Hue 10 095 Hue 10 096 F6 - San 0 F2 - Loan 0 F2 - Loan 0 F3 - Dep 0 F6 - Red 0 F7 - Dep 0 F8 - Red 0 F16 - Hig	or (Moist) YR 5/8 YR 6/8 YR	Mottl Mo	es Type C C C	Location M M M	Indicators of half to the control of	duck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression 2 Vertic Parent Material Shallow Dark S ain in Remarks) hydrophytic vegetat	E Soils ¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73) Surface
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	No wetland iption (Description (Description)	hydrology indicate be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) dd Below Dark Surface ucky Mineral flucky Peat or Peat (LR leyed Matrix	eeded to do latrix, CS=Cov	% Col 00 00 05 Hue 10 095 Hue 10 095 Hue 10 095 Hue 10 096 F6 - San 0 F2 - Loan 0 F2 - Loan 0 F3 - Dep 0 F6 - Red 0 F7 - Dep 0 F8 - Red 0 F16 - Hig	ndicator cand Grains; in the control of the control	Mottl Mo	es absence of ir	Location M M M	Indicators of unless disturbed	duck (LRR I, J) Prairie Redox (urface (LRR G) Plains Depression 2 Vertic Parent Material Shallow Dark S ain in Remarks) hydrophytic vegetat	E Soils ¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73) Surface
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	Hue_10YR Hue_5Y Hue_5Y Hue_5Y	hydrology indicate be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LR leyed Matrix	eeded to do atrix, CS=Cov	S5 - San S6 - Strip F16 - Hig	or (Moist) YR 5/8 YR 6/8 YR	Mottl Mo	es Type C C C C Harmonian C C C C C C C C C C C C C C C C C C C	Location M M M M II Present?	Indicators 1 A9 - 1 cm M A16 - Coast F18 - Reduc TF2 - Red F TF12 - Very Other (Explainless disturbed) N	duck (LRR I, J) Prairie Redox (Prairie Redox (Plains Depression	E Soils ¹ LRR F, G, H) ONS (LRR H, outside MLRA 72, 73) Surface ion and wetland hydrology must be prese
Remarks: SOILS Profile Descri (Type: C=Concer Depth (In.) 0-3 3-12 12-19 19-22 NRCS Hydr	Hue_10YR Hue_5Y Hue_5Y Hue_5Y	hydrology indicate be to the depth ne etion, RM=Reduced M Matrix Color (Moist) 2/1 7/2 5/2 3/1 Indicators (ch ipedon stic n Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (LR leyed Matrix	eeded to do atrix, CS=Cov	S5 - San S6 - Strip F16 - Hig	or (Moist) YR 5/8 YR 6/8 YR	Mottl Mo	es Type C C C C Harmonian C C C C C C C C C C C C C C C C C C C	Location M M M M II Present?	Indicators 1 A9 - 1 cm M A16 - Coast F18 - Reduc TF2 - Red F TF12 - Very Other (Explainless disturbed) N	duck (LRR I, J) Prairie Redox (Prairie Redox (Plains Depression of the control	E Soils ¹ LRR F, G, H) DNS (LRR H, outside MLRA 72, 73) Surface

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: u-151n42w10-g2				
VEGETATION		e non-native	species.)						
Tree Stratum (Plot size: 30 ft. radius)								
	Species Name	% Cover	Dominant	Ind.Status	Dominance Test Worksheet				
1.	Quercus macrocarpa	5	Υ	FACU					
2.					Number of Dominant Species that are OBL, FACW, or FAC:(A)				
3.									
4.					Total Number of Dominant Species Across All Strata: 4 (B)				
5.									
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)				
7.									
8.					Prevalence Index Worksheet				
9.					Total % Cover of: Multiply by:				
10.					OBL spp. 0 x 1 = 0				
10.	_ Total Cover =	5			FACW spp. 0 x 2 = 0				
	Total Cover		_		FAC spp. 0 x 3 = 0				
Cardina (Charde (Charters (District 45 ft andice)				FACSUP. 0 X 3 = 0				
	Stratum (Plot size: 15 ft. radius)				FACU spp. 55 x 4 = 220				
1.					UPL spp. 40				
2.					T. (4) (5) (5)				
3.					Total 95 (A) 420 (B)				
4.									
5.					Prevalence Index = B/A = 4.421				
6.]								
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) *				
Herh Stratum (I	Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *				
1.	Bromus inermis	40	Y	UPL	Troblem Hydrophylic Vegetation (Explain)				
2.	Poa pratensis	30	Y	FACU	* Indicators of hydric soil and wetland hydrology must be				
3.			Y	FACU	present, unless disturbed or problematic.				
	Phleum pratense	20	ı	FACU					
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.									
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.									
14.				_					
15.					Woody Vines - All woody vines, regardless of height.				
	Total Cover =	90							
	Total Cover -	90	_						
Moody Vino Ct	ratum (Plot size: 30 ft. radius)								
1.	ratum (1 101 SIZE. 30 II. raulus)								
2.					U 1 1 0 M 1 0 5 15 M				
3.				_	Hydrophytic Vegetation Present? N				
5.	ļ								
4.				_					
	Total Cover =	0							
Remarks:	Dominant plants within the upland area are s	mooth bro	me, Kentu	ıcky blue (grass, and timothy.				
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2									
Additional Remarks:									
, taditional N	ionand.								
1									
1									