WETLAND DETERMINATION DATA FORM - Great Plains Region

L3R Project/Site: Cit	Marsha	II		Sampling Date:	2015-06-05
Enbridge Applicant/Owner:		Mir State:	inesota	Sampling Point:	u-156n46w34-f1
Investigator(s):	S	ection. Towns	hip, Range:		
talf				linear l	0-2
Landform (hillslope, terrace, etc.):	_	48.29344069	f (concave, conv 5897	-96.55051139	Slope (%):
Subregion (LRR or MLRA):	Latitude:		Longit	rude:	
Datum: Minnesota State Plane North, NAD 83	(2011) 0.5. feet				
Soil Map Unit Name:				NWI Classification	on:
Are climatic/hydrologic conditions on the site typica	I for this time of ye	ar? (if no, exp	lain in Remarks):	Yes
Are Vegetation No No No No No Are Vegetation No	significantly dist	urbed? Are "	Normal Circums	Yes	
Are Vegetation No					
SUMMARY OF FINDINGS - Attach site map show					
	lo	Is the Sam	-	·	
	No			No	
Hydric Soil Present?	es	within a W			-
Wetland Hydrology Present?	<u> </u>		onal Wetland Si	te ID:	
Remarks: (Explain alternative procedures here or in			ha sampla pain	t is located at the edge of a sle	pared trail. Watland by
The upland area is an aspen forest adjacent to a we	t aspell forest and	a crop neiu. i	ne sample poin	t is located at the edge of a cie	ared trail. Wetland hy
VECTATION Has a satisfied a second follows					
VEGETATION - Use scientific names of plants.	Absolute	Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot Size: 30)	% Cover	Species?	Status	Number of Dominant Species	
1. Populus tremuloides	35.00	Yes	FAC	That Are OBL, FACW, or FAC: $\frac{1}{}$	(A)
2				Total Number of Dominant	
2				3 Species Across All Strata:	(P)
4.			-	Percent of Dominant Species	(B)
				33.	3333333333
Sapling/Shrub Stratum (Plot Size: 15)	35 :	= Total Cover		That Are OBL, FACW, or FAC:	(A/B)
Sapling/Shrub Stratum (Plot Size:) Corylus americana	40.00	Yes	UPL	Prevalence Index worksheet: Total % Cover of:	Multiply by:
2. Populus tremuloides		Yes	FAC	OBL species 0.00	x 1 0
3. Viburnum lentago		No	FACU	FACW species 20.00	
4. Populus balsamifera	5.00	No	FACW	FACU species 87.00	x 3 308
5. Prunus virginiana	2.00	No	FACU	UPL species 40.00	x 4 <u>200</u>
	77 :	= Total Cover		Column Totals 224	(A) <u>809</u> (B)
Herb Stratum (Plot Size: 5)			54.00	Prevalence Index = B,	
1. For practicals 2. Thalictrum dioicum		Yes No	FACU FACW	Hydrophytic Vegetation Indicator:	
3. Galium boreale		No	FACU	no 2 - Dominance Test is > 50	
4. Zizia aurea		No	FAC	no 3 - Prevalence Index is ≤ 3	
5. Vicia americana	10.00	No	FACU	4 - Morphological Adapta	
6. Anemone quinquefolia	10.00	No	FAC	supporting data in Remarks or o	n a separate sheet)
7. Maianthemum canadense	10.00	No	FACU	Problematic Hydrophytic Vegetatio	n ¹
8. Taraxacum officinale	5.00	No	FACU	(Explain)	
9. Solidago gigantea	5.00	No	FAC	Indicators of hydric soil and wetland hydro unless disturbed or problematic.	logy must be present,
10. Toxicodendron rydbergii	5.00	No	FACU		
	110	= Total Cover			
Woody Vine Stratum (Plot Size:)	2.00	NI-	540		
1. Vitis riparia	2.00	No	FAC	-	
2			-	-	
	2	= Total Cover			
% Bare Ground in Herb Stratum 0				Hydrophytic Vegetation	
				Present?	
Remarks:					
Vegetation is dominated by quaking aspen and American haze	elnut with a variety of	forbs in the herb	aceous layer.		

SOIL Sampling Point: u-156n46...

nches) Color (moist)		Redox F	eatures				
	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
)-12 10YR 2 1	100	, ,				sil	
2-18 10YR 3 2	100					LFS	loamy fine sand
	_ =						loamy me sand
						-	
ype: C=Concentration, D=Depletion, RN	√=Reduced Matrix	, MS=Masked Sand Gra	ains.				² Location: PL=Pore Lining, M=M
ydric Soil Indicators:						Indicator	s for Problematic Hydric Soil ³ :
Histosol (A1)		Sandy Gleyed	Matrix (S4	.)		1cm	n Muck (A9) (LRR I, J)
Histic Epipedon (A2)		☐ Sandy Redox	(S5)			Coa	st Prairie Redox (A16)(LRR K, L, R)
Black Histic (A3)		Stripped Mate	rix (S6)			Dar	k Surface (S7) (LRR G)
Hydrogen Sulfide (A4)		Loamy Mucky	/ Mineral (F	1) (LRR	K, L)	High	n Plains Depressions (F16)
Stratified Layers (A5)		Loamy Gleyed	d Matrix (F2	2)		(LRR	H outside of MLRA 72 & 73)
1cm Muck (A9) (LRR F, G, H)		Depleted Mat					uced Vertic (F18)
7							Parent Material (F21)
☐ Depleted Below Dark Surface (A11)	Redox Dark S					, ,
Thick Dark Surface (A12)		☐ Depleted Dar	k Surface (F	- 7)		∐ Ven	y Shallow Dark Surface (TF12)
Sandy Mucky Mineral (S1)		Redox Depres	ssions (F8)			☐ Oth	er (explain in remarks)
2.5cm Mucky Peat or Peat (S2)(LRF	Ř G, H)	High Plains De	epressions ((F16)		3 _{Indicato}	rs of hydrophytic vegetation and
5cm Mucky Peat or Peat (S3) (LRR	F)	(MLRA 72	& 73 of LR	RH)			nydrology must be present, unless
						disturbed	or problematic.
strictive Layer (if present):							
Type:							- No
Depth (inches):			i		ı	Hydric Soil Present	? 100
emarks:							
etland Hydrology Indicators:							
rimary Indicators (minimum of on	ie is required; c	heck all that apply)				Se	condary Indicators (minimum of two require
Surface Water (A1)	_	Salt Crust (B11)					
111-b 144-4 T-bl- (42)						-	Surface Soil Cracks (B6)
High Water Table (A2)	=	Aquatic Invertel	brates (B13	:)		-	Surface Soil Cracks (B6) Sparsely Vegetated Concave Surface (B8)
	-					- - -	
	- - -	Aquatic Invertel	le Odor (C1)		- - -	Sparsely Vegetated Concave Surface (B8)
Saturation (A3)	- - -	Aquatic Invertel Hydrogen Sulfid	le Odor (C1 er Table (C2) 2)	ots (C3)	- - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10)
Saturation (A3) Water Marks (B1)	- - -	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat	le Odor (C1 er Table (C2 pheres on L) 2)	ots (C3)	- - - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2)	- - -	Aquatic Invertel Hydrogen Sulfid Dry-Season Wate Oxidized Rhizos	le Odor (C1 er Table (C2 pheres on L) 2) Living Ro	ots (C3)	- - - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3)	- - - -	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled	le Odor (C1 er Table (C2 pheres on L) duced Iron () 2) Living Ro	ots (C3)	- - - - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4)	- - - - -	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7)) 2) Living Ro (C4)	ots (C3)	- - - - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5)	- - - - - - - - -	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7)) 2) Living Ro (C4)	ots (C3)	- - - - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image		Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks)) 2) Living Ro (C4)	ots (C3)	- - - - - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (leld Observations:	<u>No</u>	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks)) 2) Living Ro (C4)	ots (C3)	-	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (leld Observations: urface Water Present?	No No	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes)) 2) Living Ro (C4)	ots (C3)	-	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
es Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image ield Observations: urface Water Present? Vater Table Present?	<u>No</u>	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes)) 2) Living Ro (C4)	ots (C3)		Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image		Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks)) 2) Living Ro (C4)	ots (C3)	- - - - - -	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3 (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image ield Observations: urface Water Present?	No No	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes)) 2) Living Ro (C4)	ots (C3)		Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
es Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (leld Observations: urface Water Present? Jaturation Present?	No No	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes)) 2) Living Ro (C4)	ots (C3)	Wetland	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
es Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (leld Observations: urface Water Present? (Jater Table Present? aturation Present? (Includes capillary fringe)	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)			Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
es Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (leld Observations: urface Water Present? (Jater Table Present? aturation Present? (Includes capillary fringe)	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)			Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
es Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (eld Observations: urface Water Present? //ater Table Present? aturation Present? includes capillary fringe) escribe Recorded Data (stream ga	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)			Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
es Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (eld Observations: urface Water Present? Vater Table Present? aturation Present? encludes capillary fringe) escribe Recorded Data (stream gatemarks:	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)			Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
es Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image (B4) ield Observations: urface Water Present? Vater Table Present? aturation Present? includes capillary fringe) escribe Recorded Data (stream gase)	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)			Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image ield Observations: urface Water Present?	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)			Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image ield Observations: urface Water Present? Vater Table Present? aturation Present? includes capillary fringe) iteration in the process of the process of the present o	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)), if available:	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image ield Observations: urface Water Present? Vater Table Present? aturation Present? ncludes capillary fringe) rescribe Recorded Data (stream gates) emarks: The soil is saturated at 12 inches.	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)), if available:	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image ield Observations: urface Water Present? Vater Table Present? aturation Present? ncludes capillary fringe) escribe Recorded Data (stream gate) emarks: 'he soil is saturated at 12 inches.	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)), if available:	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)
Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Water-Stained Leaves (B9) Inundation Visible on Aerial Image ield Observations: urface Water Present? Vater Table Present? aturation Present? ncludes capillary fringe) lescribe Recorded Data (stream gate) emarks: The soil is saturated at 12 inches.	No No Yes	Aquatic Invertel Hydrogen Sulfid Dry-Season Wat Oxidized Rhizos (where not tilled Presence of Rec Thin Muck Surfa Other (Explain in	le Odor (C1 er Table (C2 pheres on L) duced Iron (ace (C7) n Remarks) hes) hes) 12) 2) Living Ro (C4)), if available:	Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Oxidized Rhizospheres on Living Roots (C3) (where tilled) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) FAC-Neutral Test (D5) Frost-Heave Hummocks (D7) (LRR F)