WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Applicant/Owner: Enbridge State: NM Sampling Point: CLCS077aa1W Investigator(s): EASRA Section, Township, Range:		County: Clearwater	Sampling Date: 6/2/2014
Landrom (hillslope, terrace, etc.): Depression	Applicant/Owner: Enbridge		
Slope (%): 0 - 2% Lat: 47.401577 Long: _95.256548 Datum: Are climatic/hydrologic conditions of the site typical for this time of the year? (If no, explain in remarks) Are vegetation			
Soli Map Unit Name: 408 Are elimaticity/ordopic conditions of the site typical for this time of the year? (If (no, explain in remarks) Are vegetation . soli Are vegetation . soli . or hydrology naturally problematic? Pare dimaticity of privations of the site typical for this If needed, explain any answers in remarks) SUMMARY OF FINDINGS Hydrophytic vegetation present? Hydrosoli present? Hydrosoli present? If yes, optional wetland site ID: Remarks: (Explain alternative procedures here or in a separate report.) This lake sedge sedge meadow lies in a roadside ditch adjacent to pasture. HYDROLOGY Primary Indicators (minimum of one is required: check all that apply) Surface Water (A1) Burlace Water (A1) <			· · · · · · · · · · · · · · · · · · ·
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Saturation present? Yes Depth (inches): hydrology (includes capillary fringe) Present? Y Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Y Remarks: Surface water present throughout the wetland. Saturation and high water table are likely but could not be	Surface water present? Yes	Depth (inches): 1) Indicators of
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(includes capillary fringe) present? Y Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: Surface water present throughout the wetland. Saturation and high water table are likely but could not be	Saturation present? Yes	Depth (inches):	hydrology
Remarks: Surface water present throughout the wetland. Saturation and high water table are likely but could not be	(includes capillary fringe)		present? Y
Remarks: Surface water present throughout the wetland. Saturation and high water table are likely but could not be			
Surface water present throughout the wetland. Saturation and high water table are likely but could not be	Describe recorded data (stream gauge, monitoring well, ae	rial photos, previous inspe	ctions), if available:
Surface water present throughout the wetland. Saturation and high water table are likely but could not be			
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Surface water present throughout the wetland. Saturation and high water table are likely but could not be	Demorika		
verified due to concerns about digging in roadside ditches.			er table are likely but could not be
	verified due to concerns about digging in roadsid	le ditches.	

VEGETATION - Use scientific names of plants			Sampling Point:	CLC5077	7aa1W
Tree Stratum Plot Size (30 ft)	Absolute % Cover	Dominant	Indicator Status	50/20 Thresholds Tree Stratum	20% 50% 0 0
1	Cover	Species	Sidius	Sapling/Shrub Stratum	3 8
2				Herb Stratum	7 18
3				Woody Vine Stratum	0 0
4 5				Dominance Test Workshe	-4
					et
7				Number of Dominant Species that are OBL,	
3				FACW, or FAC:	<u> </u>
			[Total Number of Dominant	
0	=	Total Cover		Species Across all Strata:	<u>2</u> (B)
				Percent of Dominant Species that are OBL,	
Sapling/Shrub	Absolute %	Dominant	Indicator	FACW, or FAC:	100.00% (A/B)
Stratum Plot Size (15 ft)	Cover	Species	Status		• · · · ·
Salix petiolaris	15	Y	FACW	Prevalence Index Worksho	eet
2				Total % Cover of:	- 20
3				OBL species <u>30</u> x 1 FACW species <u>20</u> x 2	
5				FAC species 0 x 3	3 = 0
δ 7				FACU species 0 x 4 UPL species 0 x 5	
3				Column totals 50 (A)	
				Prevalence Index = B/A =	1.40
0	15 =	Total Cover			
				Hydrophytic Vegetation In	dicators:
Herb Stratum Plot Size (5 ft)	Absolute %	Dominant	Indicator	Rapid test for hydrophy X Dominance test is >50%	
Carex lacustris	Cover 30	Species Y	Status OBL	$\frac{X}{X}$ Prevalence index is ≤ 3.0	
Phalaris arundinacea	5	Ν	FACW	Morphological adaptatic	
3				supporting data in Rema sheet)	arks or on a separate
5					
3				Problematic hydrophytic	
3				*Indicators of hydric soil and wetla present, unless disturbed or proble	
0				Definitions of Vegetation S	
2				Tree - Woody plants 3 in. (7.6 cm) breast height (DBH), regardless of	
3					-
4				Sapling/shrub - Woody plants les greater than 3.28 ft (1 m) tall.	s than 3 in. DBH and
5.	35 =	Total Cover			
Woody Vine				Herb - All herbaceous (non-wood) size, and woody plants less than 3	
Stratum Plot Size (30 ft)	Absolute % Cover	Dominant Species	Indicator Status		
	Cover	opecies	Status	Woody vines - All woody vines gr height.	eater than 3.28 ft in
2				Ũ	
3					
5				Hydrophytic vegetation	
	0 =	Total Cover		present? Y	
				•	-
Remarks: (Include photo numbers here or on a separate		munity	ninting only of la	ako oodao rood oona-	
The ditch is sparsely vegetated, with the sam clump of meadow willows.	hie hourt cou	munity cons	sisting only of la	ake seuge, reed canary g	ass, anu a small

SOIL								Sampl	ling Point:	CLC5077aa1W
Profile De	escription:	(Describe to	o the dept	h needed to	document	the inc	dicator or co	onfirm the	absence of inc	dicators.)
Depth		Matrix	_		Redox F	eature				Remarks
(ln.)	Color	(moist)	%	Color (m	noist)	%	Type*	Loc**	Texture	Kemano
			+ $+$							
		-							-	
		ation, D=De ELining, M=		M=Reduced	Matrix, CS	=Cove	ered or Coa	ted Sand	Grains	
	oil Indicat	-						Indicate	ors for Probler	natic Hydric Soils:
	☐ Histic Epipedon (A2) (S8) (LRR R, MLR ☐ Black Histic (A3) ☐ Thin Dark Surface ☐ Hydrogen Sulfide (A4) ☐ Loamy Mucky Mine ☐ Depleted Below Dark Suface (A11) ☐ Loamy Mucky Mine ☐ Thick Dark Surface (A12) ☐ Loamy Gleyed Matrix (F1 ☐ Sandy Mucky Mineral (S1) ☐ Depleted Dark Surface ☐ Sandy Redox (S5) ☐ Depleted Dark Surface ☐ Stripped Matrix (S6) ☐ Depleted Dark Surface ☐ Dark Surface (S7) (LRR R, MLRA ☐ Redox Depression		face (S A 1498 Minera I Matri: ix (F3) urface Surfa sions	S9) 3 al (F1) x (F2) (F6) ce (F7) (F8)	Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, Dark Surface (S7) (LRR K, L Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Iron-Manganese Masses (F12) (LRR K, L, Piedmont Floodplain Soils (F19) (MLRA 14 Mesic Spodic (TA6) (MLRA 144A, 145, 14 Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) hless disturbed or problematic.					
Restrictiv Type: Depth (in	ve Layer (if nches):	observed):						Hydric	soil present?	Y
Remarks							I			
		be sample n vegetatio		-	ncerns as	socia	ated with o	digging i	n roadside di	itches. Soils assumed