WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: SPP	City/County: Carlton	Sampling Date: 5/29/2014
Applicant/Owner: Enbridge	State: N	IN Sampling Point: CRC5097b1U
Investigator(s): KRG/NTT	Section,	Township, Range:
Landform (hillslope, terrace, etc.): Side slope		concave, convex, none): VV
Slope (%): 3 - 7% Lat.: 46.588294	_Long.: <u>-92.663884</u> Datur	m: WGS84
Soil Map Unit Name: 268B		NWI Classification:
Are climatic/hydrologic conditions of the site typical Are vegetation \Box soil \Box or hydrologic		(If no, explain in remarks)
_ <u></u>		<u> </u>
Are vegetation, soil, or hydrol	ogy naturally problematic	? circumstances" present?
(If needed, explain any answers in remarks)		
SUMMARY OF FINDINGS		
COMMENT OF THE INC.		
Hydrophytic vegetation present? N	Is the sampled area wit	hin a wetland? N
Hydric soil present? Indicators of wetland hydrology present? N	If yes, optional wetland s	ite ID:
indicators of wettand flydrology present:	_ ii yes, optional wetiand s	
Remarks: (Explain alternative procedures here or in	a separate report.)	
The upland point is located in an open field	adjacent to a powerline corrid	or.
HYDROLOGY		
High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8)	eck all that apply) ater-Stained Leaves (B9) quatic Fauna (B13) arl Deposits (B15) ydrogen Sulfide Odor (C1) kidized Rhizospheres on ying Roots (C3) resence of Reduced Iron (C4) recent Iron Reduction in Tilled poils (C6) nin Muck Surface (C7) ther (Explain in Remarks)	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations: Surface water present? Water table present? Saturation present? (includes capillary fringe) Yes Yes I Yes I Yes	Depth (inches): Depth (inches): Depth (inches):	Indicators of wetland hydrology present? N
Describe recorded data (stream gauge, monitoring	well, aerial photos, previous inspec	ctions), if available:
Remarks:		
No indicators of wetland hydrology were of	bserved.	

SOIL								Samp	ling Point:	CRC5097b1U	
	T		to the de	epth needed to document the indicator or c					the absence	of indicators.)	
Depth		Matrix Redox Feature Color (moist) % Color (moist) %						1 0 0 **	Taxtura	Remarks	
(ln.) 0-12	Hue 7.5YR	<u> </u>	100	Color (III	oist)	%	Type*	Loc**	Texture LS		
0-12	Hue_/.31K	3/4	100						LS		
			+ +								
			+ +								
			+ +								
				RM=Reduce	d Matrix,	CS=Co	vered or C	oated Sa	and Grains		
	tion: PL=Por		i=iviatrix					la ali a a d	tous fou Duck!	lamatia Ukuduia Oalla.	
Hyaric	Soil Indica	tors:						indica	tors for Probl	lematic Hydric Soils:	
Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Suface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA) *Indicators of hydrophytic vegetation and wetland hydrology must be						Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 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, R) Piedmont Floodplain Soils (F19) (MLRA 149B) (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Red Parent Material (F21) Very Shallow Dark Surface (TF12) Other (Explain in Remarks)					
Restrictive Layer (if observed): Type: rock/gravel Depth (inches): 12								Hydric soil present? N			
Remarl Soil		amy sand	l with a ı	rocky restric	ctive lay	er belo	w.				