

Table 5  
Mainline Pipeline Incidents – Enbridge (Lakehead) System a/

Date	City	County	State	Milepost	Product Spilled b/	Volume Spilled (barrels)	Volume Recovered (barrels) c/	Primary Cause	Additional Detail/Notes
4/15/96		St. Louis	MN	1044.49	Crude	15.0	12.0	Failed Pipe	
9/16/98			MN	878.10	Crude	5,700	5,415	Outside Force Damage	Damage by Others
10/19/98			MN	878.10	NGL	950	0	Outside Force Damage	Damage by Others
1/16/99	Superior	Douglas	WI	1097.60	NGL	130	30	Corrosion	External Loose Flange Bolts
2/22/99			MN	834.50	Crude	400	385	Other	
11/2/99			MI	1286.00	NGL	5,300	2,750	Outside Force Damage	Natural Forces
11/15/99		Taylor	WI	116.03	Crude	15	14	Other	Original Construction
2/7/00		Clearwater	MN	920.60	Crude	25	10	Failed Weld	
2/23/00		Cass	MN	957.10	Crude	10	5	Other	Pinhole Leak
5/9/00			MN	913.05	Crude	25	20	Other	Failed Repair Sleeve Side Seam Weld
7/22/00		Clearwater	MN	914.10	Crude	50	10	Other	Failed Repair Sleeve Side Seam Weld
1/25/01		Clearwater	MN	918.70	Crude	25	10	Other	Failed Sleeve
3/4/01		Cass	MN	955.05	Crude	25	15	Failed Weld	
7/4/02	Cohasset	Itasca	MN	1002.70	Crude	6,000	2,574	Material / Weld Failure	Pipe Seam Weld
1/24/03	Superior	Douglas	WI	1096.95	Crude	4,500	4,450	Material / Weld Failure	Terminal Leak d/
4/14/03	Trail	Polk	MN	892.95	Crude	125	75	Girth Weld	Pinhole Leak
2/19/04	Grand Rapids	Itasca	MN	1007.33	Crude	1,003	9	Natural Forces	Earth Movement
12/29/04	Juniata	Tuscola	MI	1677.50	HVL	1	1	Natural Forces	
1/14/05	Rio	Columbia	WI	268.82	Crude	3	3		
4/1/05	Carpentersville	McHenry	IL	379.16	Crude	5	5	Material / Weld Failure	Body of Pipe
12/22/05	Arpin	Wood	WI	182.30	Crude	0.1	0.1	Material / Weld Failure	
1/1/07	Owen	Clark	WI	149.17	Crude	1,500	1,450	Material / Weld Failure	Pipe Seam Weld
2/2/07	Exeland	Rusk	WI	84.9	Crude	3,000	2,534	Operator Excavation Damage	(not 3 <sup>rd</sup> party)

a/ Pipeline system leaks reportable to U.S. DOT, PHMSA 1996-2007. Reporting criteria for leaks changed in 2002 from 50 barrels to 5 gallons. Current as of October 2007.

b/ NGL = Natural gas liquids.

c/ Initial volume recovered is the free oil and drain-up from pipe with special vacuum equipment and typically returned to the pipeline system. Remaining product in soil recovered by removing soils or other approved methods.

d/ Occurred within station/terminal but recorded as off-site release. All other such releases not included (but reported).

**EXHIBIT**

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