

ATTACHMENT 2 – ENBRIDGE PIPELINE SYSTEM DESCRIPTION FRP EXCERPT



Qualified Individual(s)

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CHICAGO REGION RESPONSE ZONE

The Enbridge Liquids Pipeline System (Lakehead System) consists of four response zones. These response zones represent the regional boundaries designated in the normal operating structure. The response zones include:

- Superior Region
- **Chicago Region**
- Cushing Region
- Enbridge Pipelines North Dakota

The Chicago Region response zone includes eleven pipelines (Lines 6A, 13, 14, 61, 62, 64, 6B, 5, 10, 17, and Mustang) and three terminal lines (Lines TL 1, GFHT 2 and GFHT 3) that transport crude oil, natural gas liquids Wisconsin, Illinois, Indiana, Michigan and New York. Line 13 transports diluent across Illinois, Wisconsin, Minnesota and the North Dakota systems. This section of response zone includes:

- Approximately 2,108 miles of pipeline, with pipe diameters ranging from 12 to 42 inches;
- 42 Pump Stations located along the pipe;
- The Mustang pipeline segment for which Enbridge has operations, maintenance, repair and emergency response responsibility includes the Lockport Metering Station and the portion of the Mustang 24" pipeline system from Lockport, Illinois to Interstate 74;



- Line 17 – Enbridge operates the 88 mile pipeline segment beginning in Stockbridge, Michigan and ending in Oregon, Ohio. The first 35 miles of pipeline, from Stockbridge, Michigan to Freedom Junction, Michigan was constructed in 1998 and is owned by Enbridge. The remaining 53 mile segment runs from Freedom Junction, Michigan to Oregon, Ohio (MP is leased from Wolverine Pipeline). Per the established lease agreement, Enbridge is responsible for all operations, maintenance and emergency response associated with this line segment (as if we were the owner); however, Wolverine retains ownership.
- The Chicago system also includes 25 tanks (11 tanks at Griffith; 9 tanks at Hartsdale; 3 tanks at Stockbridge, 2 tanks at Manhattan). Breakout tanks are located at Griffith, IN (2.84 million barrels storage capacity), Hartsdale, IN (846,000 barrels storage capacity) Stockbridge, MI (440,000 barrels storage capacity), and two diluent tanks at Manhattan (511,000 barrels storage capacity).

Counties included in the Chicago Region response zone are:

Wisconsin	Illinois	Indiana	Michigan	New York
Rusk	McHenry	Lake	Crawford	Erie
Chippewa	Kane	Porter	Ogemaw	
Clark	Cook	LaPorte	Arenac	
Marathon	Dupage	St. Joseph	Bay	
Marathon	Kendall		Lapeer	
Adams	Will		St. Claire	
Adams	Kankakee		Berrion	
Columbia	Ford		Cass	
Dane	Livingston		St. Joseph	
Jefferson	Champaign		Kalamazoo	
Washburn	Piatt		Calhoun	
			Livingston	
			Oakland	
			Tuscola	
			Saginaw	
			Oscoda	
			Macomb	
			Ingham	
			Jackson	
			Washtenaw	



This response zone includes the following pipelines:

Line	Pipeline Sections	Begin Stationing	End Stationing	Miles	Pipeline Diameter	Product
5	Lewiston Pump Station to Sarnia, Ontario	2,378,371	3,364,529	186.77	30"	Crude Oil & Natural Gas Liquids
6A	Hwy 8 Ladysmith, WI to Mokena, IL	513,368	2,457,347	368.2	34"	Crude Oil & Natural Gas Liquids
6B	Griffith, IN to Sarnia, Ontario	0	1,509,516	285.9	30"	Crude Oil
10	Westover, Ontario to Grand Island, NY	0	3,484	.7	12"	Crude Oil
10	Grand Island, NY to East Niagara, NY	3,484	29,409	4.9	20"	Crude Oil
10	East Niagara, NY to Kiantone, NY Take-Off	29,409	119,975	17.3	12"	Crude Oil
13	Streator, IL to Manhattan, IL	0	237,710	45.02	20"	Diluent
13	Manhattan, IL to Delevan, WI	0	889,310	168.43	20"	Diluent
13	Delevan, WI to Ladysmith, WI	528,000	1,216,611	230.42	20"	Diluent
14	Hwy 8 Ladysmith, WI to Mokena, IL	512,719	2,434,861	364.0	24"	Crude Oil
17	Stockbridge, MI to Freedom Junction, MI	0	186,089	35.3	16"	Crude Oil
17	Freedom Junction, MI to Toledo, OH	0	279,047	52.9	16"	Crude Oil
61	Ladysmith, WI to Delevan, WI	523,170	1,703,457	223.54	42"	Crude Oil
61	Delevan, WI to LaSalle Livingston County Line	0	467,030	88.45	42"	Crude Oil
62*	IN State Line to Hartsdale, IL	363,296	398,336	6.5	22"	Crude Oil
64	Mokena, IL to Griffith, IN	2,406,091	2,543,685	26.1	24"	Crude Oil
TL1	Griffith, IN to Hartsdale, IN	0	3,171	.6	34"	Crude Oil
GFHT 2	Griffith, IN to Hartsdale, IN	0	4,090	.8	36"	Crude Oil
GFHT 3	Griffith, IN to Hartsdale, IN	0	4,128	.8	36"	Crude Oil
Mustang	Lockport Metering Station, IL to North of Interstate 74	0	10,001	1.9	18"	Crude Oil

* Stationing used is not As-Built- Begins at zero in Flanagan