

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
U.S. Border to Clearbrook 20" (0 - 716,232)								
1	20-inch	3,900	26,543			4.29	777	U.S. DW / SW
1	20-inch	49,555	51,605			0.39	783	Enbridge DW / SW
1	20-inch	63,600	67,300			0.70	786	Enbridge DW / SW
1	20-inch	114,450	117,050			0.49	796	Enbridge CNW / Red River
1	20-inch	114,450	117,050			0.49	796	U.S. ESA
1	20-inch	122,070	124,470			0.45	797	Enbridge CNW / Red River
1	20-inch	122,070	124,470			0.45	797	U.S. ESA
1	20-inch	129,659	131,659			0.38	798	Enbridge CNW / Red River
1	20-inch	129,659	131,659			0.38	798	U.S. ESA
1	20-inch	136,891	138,891			0.38	800	Enbridge CNW / Red River
1	20-inch	136,891	138,891			0.38	800	U.S. ESA
1	20-inch	141,691	145,891			0.80	801	Enbridge CNW / Red River
1	20-inch	146,350	148,456			0.40	802	Enbridge CNW / Red River
1	20-inch	155,506	158,700			0.60	803	Enbridge CNW / Red River
1	20-inch	165,906	168,906			0.57	805	Enbridge CNW / Red River
1	20-inch	447,460	452,196			0.90	859	U.S. DW / SW
1	20-inch	454,346	460,480			1.16	860	U.S. DW / SW
1	20-inch	462,080	468,917			1.29	862	U.S. DW / SW
1	20-inch	472,140	476,670			0.86	864	U.S. ESA
1	20-inch	473,118	475,618			0.47	864	U.S. DW / SW
1	20-inch	478,204	482,125			0.74	865	Enbridge DW / GW
1	20-inch	536,815	538,955			0.41	876	U.S. DW / GW
1	20-inch	539,555	543,740			0.79	876	U.S. DW / GW
1	20-inch	594,912	597,699			0.53	887	Enbridge DW / GW

Diversion Stationing: See Tab 3, Section 5.1 for more information

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
U.S. Border to Clearbrook 20" (0 - 716,232) cont.								
1	20-inch	688,773	690,620			0.35	904	Enbridge DW / GW
1	20-inch	715,600	716,232			0.12	909	Enbridge DW / GW
Clearbrook to Superior 18" (716,232 - 1,712,883)								
1	18-inch	716,232	717,555			0.25	909	Enbridge DW / GW
1	18-inch	782,740	791,250			1.61	923	U.S. ESA
1	18-inch	793,800	804,620			2.05	925	U.S. ESA
1	18-inch	828,820	838,320			1.80	932	U.S. ESA
1	18-inch	864,826	881,559			3.17	939	U.S. ESA
1	18-inch	880,750	886,400			1.07	941	U.S. DW / GW
1	18-inch	903,447	926,887			4.44	947	U.S. ESA
1	18-inch	903,447	921,882			3.49	947	U.S. ESA
1	18-inch	903,447	919,782			3.09	946	U.S. DW / GW
1	18-inch	976,300	991,465			2.87	960	U.S. ESA
1	18-inch	1,003,365	1,007,335			0.75	964	U.S. ESA
1	18-inch	1,018,230	1,030,864			2.39	968	U.S. ESA
1	18-inch	1,037,880	1,045,345			1.41	971	U.S. ESA
1	18-inch	1,051,350	1,063,163			2.24	974	U.S. ESA
1	18-inch	1,060,348	1,072,813			2.36	976	U.S. ESA
1	18-inch	1,082,800	1,094,300			2.18	980	U.S. ESA
1	18-inch	1,099,513	1,101,323			0.34	982	U.S. ESA
1	18-inch	1,111,153	1,123,370			2.31	985	U.S. ESA
1	18-inch	1,117,854	1,123,065			0.99	986	Enbridge CNW / Mississippi River
1	18-inch	1,117,854	1,123,065			0.99	986	U.S. ESA
1	18-inch	1,124,569	1,140,470			3.01	988	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Clearbrook to Superior 18" (716,232 - 1,712,883) cont.								
1	18-inch	1,137,868	1,140,470			0.49	989	Enbridge CNW / Mississippi River
1	18-inch	1,161,100	1,174,037			2.45	995	U.S. ESA
1	18-inch	1,181,900	1,182,880			0.19	998	U.S. ESA
1	18-inch	1,204,230	1,209,130			0.93	1,002	Enbridge DW / GW
1	18-inch	1,204,230	1,209,130			0.93	1,002	U.S. ESA
1	18-inch	1,226,800	1,240,040	4,800	20,200	2.92	1,007	Enbridge DW / GW
1	18-inch	1,321,970	1,323,952			0.38	1,024	U.S. ESA
1	18-inch	1,428,029	1,429,516			0.28	1,044	Enbridge DW / GW
1	18-inch	1,571,593	1,573,305			0.32	1,072	Enbridge DW / GW
1	18-inch	1,586,344	1,587,825			0.28	1,074	Enbridge DW / GW
1	18-inch	1,668,500	1,676,640			1.54	1,090	U.S. ESA
1	18-inch	1,684,500	1,687,720			0.61	1,093	Enbridge DW / GW
1	18-inch	1,700,850	1,702,500			0.31	1,096	U.S. DW / SW
1	18-inch	1,706,800	1,712,883			1.15	1,098	U.S. DW / SW

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
U.S. Border to Clearbrook 20" (0 - 716,232)								
1	20-inch	131,959	161,768			5.65	802	Enbridge CNW / Red River
1	20-inch	466,256	482,550			3.09	864	U.S. ESA
Clearbrook to Superior 18" (716,232 - 1,712,883)								
1	18-inch	779,037	795,250			3.07	923	U.S. ESA
1	18-inch	789,740	808,533			3.56	925	U.S. ESA
1	18-inch	825,174	843,500			3.47	932	U.S. ESA
1	18-inch	861,176	885,489			4.61	939	U.S. ESA
1	18-inch	913,350	931,787			3.49	948	U.S. ESA
1	18-inch	918,190	929,737			2.19	949	U.S. ESA
1	18-inch	960,700	965,700			0.95	956	U.S. ESA
1	18-inch	970,753	995,410			4.67	960	U.S. ESA
1	18-inch	998,260	1,013,484			2.88	964	U.S. ESA
1	18-inch	1,002,935	1,011,184			1.56	964	U.S. ESA
1	18-inch	1,013,484	1,050,732			7.05	969	U.S. ESA
1	18-inch	1,029,064	1,036,364			1.38	969	U.S. ESA
1	18-inch	1,046,795	1,067,713			3.96	974	U.S. ESA
1	18-inch	1,055,619	1,077,563			4.16	976	U.S. ESA
1	18-inch	1,078,413	1,098,980			3.90	980	U.S. ESA
1	18-inch	1,093,913	1,098,980			0.96	981	U.S. ESA
1	18-inch	1,106,753	1,126,720			3.78	985	U.S. ESA
1	18-inch	1,110,003	1,128,923			3.58	986	Enbridge CNW / Mississippi River
1	18-inch	1,121,200	1,146,070			4.71	988	U.S. ESA
1	18-inch	1,134,100	1,144,000			1.88	989	Enbridge CNW / Mississippi River
1	18-inch	1,156,916	1,178,290			4.05	995	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Clearbrook to Superior 18" (716,232 - 1,712,883) cont.								
1	18-inch	1,175,240	1,184,240			1.70	997	U.S. ESA
1	18-inch	1,180,490	1,189,540			1.71	998	U.S. ESA
1	18-inch	1,206,640	1,215,800			1.73	1,003	U.S. ESA
1	18-inch	1,267,040	1,276,800			1.85	1,015	U.S. ESA
1	18-inch	1,313,895	1,327,202			2.52	1,024	U.S. ESA

Natural Gas Liquids:

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
U.S. Border to Clearbrook (0 - 715,072)								
2	26-inch	4,000	26,541			4.27	777	U.S. DW / SW
2	26-inch	49,730	51,950			0.42	783	Enbridge DW / SW
2	26-inch	63,800	67,300			0.66	786	Enbridge DW / SW
2	26-inch	114,328	117,578			0.62	796	Enbridge CNW / Red River
2	26-inch	114,328	117,578			0.62	796	U.S. ESA
2	26-inch	121,980	125,328			0.63	797	Enbridge CNW / Red River
2	26-inch	121,980	125,328			0.63	797	U.S. ESA
2	26-inch	129,080	132,700			0.69	799	Enbridge CNW / Red River
2	26-inch	129,080	132,700			0.69	799	U.S. ESA
2	26-inch	137,229	140,429			0.61	800	Enbridge CNW / Red River
2	26-inch	137,229	140,029			0.53	800	U.S. ESA
2	26-inch	141,179	151,365			1.93	801	Enbridge CNW / Red River
2	26-inch	154,500	159,515			0.95	803	Enbridge CNW / Red River
2	26-inch	165,460	169,510			0.77	805	Enbridge CNW / Red River
2	26-inch	446,020	450,850			0.91	859	U.S. DW / SW
2	26-inch	452,876	459,000			1.16	860	U.S. DW / SW
2	26-inch	460,360	468,110			1.47	862	U.S. DW / SW
2	26-inch	470,600	475,300			0.89	863	U.S. ESA
2	26-inch	471,600	474,360			0.52	863	U.S. DW / SW
2	26-inch	476,280	481,550			1.01	864	Enbridge DW / GW
2	26-inch	535,540	542,100			1.24	876	U.S. DW / GW
2	26-inch	592,936	596,086	4,641		0.60	886	Enbridge DW / GW
2	26-inch	686,500	688,650			0.41	904	Enbridge DW / GW
2	26-inch	713,500	715,382			0.36	909	Enbridge DW / GW

Diversion Stationing: See Tab 3, Section 5.1 for more information

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Clearbrook to Deer River (715,072 - 1,163,393 (855 - diversion))								
2	26-inch	782,780	791,250			1.60	923	U.S. ESA
2	26-inch	793,850	804,600			2.04	925	U.S. ESA
2	26-inch	828,900	838,270			1.77	932	U.S. ESA
2	26-inch	864,880	881,800			3.20	939	U.S. ESA
2	26-inch	864,880	867,160			0.43	938	U.S. DW / GW
2	26-inch	880,800	886,400			1.06	941	U.S. DW / GW
2	26-inch	903,297	927,287			4.54	947	U.S. ESA
2	26-inch	903,297	922,087			3.56	947	U.S. ESA
2	26-inch	903,297	919,732			3.11	946	U.S. DW / GW
2	26-inch	976,300	991,540			2.89	960	U.S. ESA
2	26-inch	1,003,185	1,007,480			0.81	964	U.S. ESA
2	26-inch	1,018,014	1,031,164			2.49	968	U.S. ESA
2	26-inch	1,037,885	1,045,595			1.46	971	U.S. ESA
2	26-inch	1,051,480	1,063,700			2.31	974	U.S. ESA
2	26-inch	1,060,500	1,073,013			2.37	976	U.S. ESA
2	26-inch	1,082,613	1,101,313			3.54	981	U.S. ESA
2	26-inch	1,110,850	1,123,350			2.37	985	U.S. ESA
2	26-inch	1,117,504	1,123,169			1.07	986	Enbridge CNW / Mississippi River
2	26-inch	1,117,504	1,123,169			1.07	986	U.S. ESA
2	26-inch	1,124,470	1,140,318			3.00	988	U.S. ESA
2	26-inch	1,137,418	1,140,318			0.55	989	Enbridge CNW / Mississippi River
2	26-inch	1,161,130	1,174,050			2.45	995	U.S. ESA
Deer River to Superior (1,163,393 (855 - diversion) - 1,712,887)								
2	26-inch	1,181,987	1,183,487			0.28	998	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Deer River to Superior (1,163,393 (855 - diversion) - 1,712,887) cont.								
2	26-inch	1,203,978	1,209,395			1.03	1,002	Enbridge DW / GW
2	26-inch	1,203,978	1,209,395			1.03	1,002	U.S. ESA
2	26-inch	1,229,380	1,244,650			2.89	1,008	Enbridge DW / GW
2	26-inch	1,246,560	1,250,460			0.74	1,010	Enbridge DW / GW
2	26-inch	1,251,880	1,255,270			0.64	1,011	Enbridge DW / GW
2	26-inch	1,315,395	1,317,045			0.31	1,023	U.S. ESA
2	26-inch	1,320,700	1,324,100			0.64	1,024	U.S. ESA
2	26-inch	1,427,879	1,429,560			0.32	1,044	Enbridge DW / GW
2	26-inch	1,571,490	1,573,550			0.39	1,072	Enbridge DW / GW
2	26-inch	1,585,752	1,588,000			0.43	1,074	Enbridge DW / GW
2	26-inch	1,665,407	1,676,600			2.12	1,090	U.S. ESA
2	26-inch	1,684,500	1,687,670			0.60	1,093	Enbridge DW / GW
2	26-inch	1,701,200	1,702,050			0.16	1,096	U.S. DW / SW
2	26-inch	1,709,750	1,712,887			0.59	1,098	U.S. DW / SW

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
3	34-inch	4,000	26,541			4.27	777	U.S. DW / SW
3	34-inch	49,642	51,891			0.44	783	Enbridge DW / SW
3	34-inch	63,500	68,610			0.97	786	Enbridge DW / SW
3	34-inch	113,700	117,750	30,774	34,824	0.77	796	Enbridge CNW / Red River
3	34-inch	113,700	117,750	30,774	34,824	0.77	796	U.S. ESA
3	34-inch	121,630	125,350	38,700	42,424	0.71	797	Enbridge CNW / Red River
3	34-inch	121,630	125,350	38,700	42,424	0.71	797	U.S. ESA
3	34-inch	128,800	132,820	45,875	47,975	0.40	798	Enbridge CNW / Red River
3	34-inch	128,800	132,820	45,875	47,975	0.40	798	U.S. ESA
3	34-inch	137,160	140,100	54,234	57,982	0.63	800	Enbridge CNW / Red River
3	34-inch	137,160	140,100	54,234	57,982	0.71	800	U.S. ESA
3	34-inch	140,800	159,725	58,682		3.58	802	Enbridge CNW / Red River
3	34-inch	165,302	170,150			0.92	805	Enbridge CNW / Red River
3	34-inch	446,020	450,850			0.91	859	U.S. DW / SW
3	34-inch	452,826	458,858			1.14	860	U.S. DW / SW
3	34-inch	460,100	467,610			1.42	862	U.S. DW / SW
3	34-inch	470,500	475,380			0.92	863	U.S. ESA
3	34-inch	471,600	474,360			0.52	863	U.S. DW / SW
3	34-inch	476,080	481,868			1.10	864	Enbridge DW / GW
3	34-inch	534,810	542,140			1.39	876	U.S. DW / GW
3	34-inch	593,216	596,443	4,490		0.72	886	Enbridge DW / GW
3	34-inch	686,780	688,480			0.32	904	Enbridge DW / GW
3	34-inch	713,380	715,225			0.35	909	Enbridge DW / GW

Diversion Stationing: See Tab 3, Section 5.1 for more information
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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
3	34-inch	782,770	791,150			1.59	923	U.S. ESA
3	34-inch	793,900	804,620			2.03	925	U.S. ESA
3	34-inch	828,820	838,370			1.81	932	U.S. ESA
3	34-inch	864,780	881,850			3.23	939	U.S. ESA
3	34-inch	864,780	867,860			0.58	938	U.S. DW / GW
3	34-inch	880,750	886,490			1.09	941	U.S. DW / GW
3	34-inch	903,250	927,675			4.63	947	U.S. ESA
3	34-inch	903,250	922,450			3.64	947	U.S. ESA
3	34-inch	903,250	919,700			3.12	946	U.S. DW / GW
3	34-inch	951,300	954,500	11,750	14,950	0.61	954	Enbridge DW / GW
3	34-inch	976,414	991,500			2.86	960	U.S. ESA
3	34-inch	1,003,235	1,007,550			0.82	964	U.S. ESA
3	34-inch	1,018,014	1,030,864			2.43	968	U.S. ESA
3	34-inch	1,033,564	1,035,864			0.44	970	U.S. ESA
3	34-inch	1,037,900	1,045,595			1.46	971	U.S. ESA
3	34-inch	1,051,430	1,063,900			2.36	974	U.S. ESA
3	34-inch	1,060,350	1,072,900			2.38	976	U.S. ESA
3	34-inch	1,082,860	1,101,450			3.52	981	U.S. ESA
3	34-inch	1,110,950	1,123,300			2.34	985	U.S. ESA
3	34-inch	1,117,404	1,123,115			1.08	986	Enbridge CNW / Mississippi River
3	34-inch	1,117,404	1,123,115			1.08	986	U.S. ESA
3	34-inch	1,124,400	1,140,328			3.02	988	U.S. ESA
3	34-inch	1,137,330	1,140,328			0.57	989	Enbridge CNW / Mississippi River
3	34-inch	1,161,230	1,173,986		11,439	2.41	995	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Clearbrook to Superior (715,082-1,712,752) cont.								
3	34-inch	1,184,500	1,190,350	21,950	27,990	1.14	999	U.S. ESA
3	34-inch	1,229,050	1,244,350			2.90	1,008	Enbridge DW / GW
3	34-inch	1,246,500	1,250,350			0.73	1,010	Enbridge DW / GW
3	34-inch	1,251,261	1,256,048			0.91	1,011	Enbridge DW / GW
3	34-inch	1,316,245	1,317,295			0.20	1,023	U.S. ESA
3	34-inch	1,320,420	1,324,250			0.73	1,024	U.S. ESA
3	34-inch	1,427,615	1,429,516	45,802		0.36	1,044	Enbridge DW / GW
3	34-inch	1,571,693	1,573,355			0.31	1,072	Enbridge DW / GW
3	34-inch	1,586,154	1,587,804			0.31	1,074	Enbridge DW / GW
3	34-inch	1,665,993	1,676,140			1.92	1,090	U.S. ESA
3	34-inch	1,684,450	1,687,620			0.60	1,093	Enbridge DW / GW
3	34-inch	1,700,700	1,702,450			0.33	1,096	U.S. DW / SW
3	34-inch	1,706,200	1,712,752			1.24	1,097	U.S. DW / SW

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
U.S. Border to Donaldson 36" (0-168,408)								
4	36-inch	4,000	26,601			4.28	777	U.S. DW / SW
4	36-inch	49,680	52,505			0.54	783	Enbridge DW / SW
4	36-inch	63,250	67,780			0.86	786	Enbridge DW / SW
4	36-inch	114,650	118,000			0.63	796	Enbridge CNW / Red River
4	36-inch	114,650	118,000			0.63	796	U.S. ESA
4	36-inch	122,200	125,450			0.62	797	Enbridge CNW / Red River
4	36-inch	122,200	125,450			0.62	797	U.S. ESA
4	36-inch	129,460	132,860			0.64	799	Enbridge CNW / Red River
4	36-inch	129,460	132,860			0.64	799	U.S. ESA
4	36-inch	137,519	139,890			0.45	800	Enbridge CNW / Red River
4	36-inch	137,519	139,890			0.45	800	U.S. ESA
4	36-inch	142,000	149,613			1.44	801	Enbridge CNW / Red River
4	36-inch	155,400	159,730			0.82	804	Enbridge CNW / Red River
4	36-inch	165,830	168,408			0.49	805	Enbridge CNW / Red River
U.S. Border to Donaldson 48" (168,041-212,348)								
4	48-inch	168,041	170,100			0.39	806	Enbridge CNW / Red River
Donaldson to Viking 48" (212,348 - 213,109)								
Donaldson to Viking 36" (213,461-322,423)								
Donaldson to Viking 48" (320,971-392,075)								
Viking to Plummer 48" (392,075-393,021)								

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Viking to Plummer 36" (394,395-527,703)								
4	36-inch	447,210	469,860			4.29	861	U.S. DW / SW
4	36-inch	471,650	476,350			0.89	863	U.S. ESA
4	36-inch	472,700	475,400			0.51	864	U.S. DW / SW
4	36-inch	477,000	483,100			1.16	865	Enbridge DW / GW
Viking to Plummer 48" (526,404-545,165)								
4	48-inch	534,740	541,824			1.34	876	U.S. DW / GW
Plummer to Clearbrook 48" (545,165 - 545,840)								
Plummer to Clearbrook 36" (547,141-647,345)								
4	36-inch	594,908	598,558			0.69	887	Enbridge DW / GW
Plummer to Clearbrook 48" (645,406-716,261)								
4	48-inch	684,059	689,560			1.04	904	Enbridge DW / GW
4	48-inch	710,950	712,184			0.23	908	Enbridge DW / GW
4	48-inch	713,134	715,880			0.52	909	Enbridge DW / GW
Clearbrook to Cass Lake 36" (716,411-878,927)								
4	36-inch	783,530	791,930			1.59	923	U.S. ESA
4	36-inch	794,580	805,249			2.02	925	U.S. ESA
4	36-inch	829,670	839,250			1.81	932	U.S. ESA
4	36-inch	865,700	878,927			2.51	939	U.S. ESA
4	36-inch	865,700	868,300			0.49	938	U.S. DW / GW
Clearbrook to Cass Lake 48" (877,981-946,695)								
4	48-inch	877,981	881,850			0.73	940	U.S. ESA
4	48-inch	880,750	886,400			1.07	941	U.S. DW / GW

Diversion Stationing: See Tab 3, Section 5.1 for more information
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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Clearbrook to Cass Lake 48" (877,981-946,695) cont.								
4	48-inch	903,119	919,850			3.17	946	U.S. DW / GW
4	48-inch	903,119	922,578			3.69	947	U.S. ESA
4	48-inch	903,119	927,687			4.65	947	U.S. ESA
Clearbrook to Cass Lake 36" (946,641-946,717)								
Cass Lake to Deer River 36" (946,717-1,059,570)								
4	36-inch	951,250	954,250			0.57	954	Enbridge DW / GW
4	36-inch	974,240	989,160			2.83	960	U.S. ESA
4	36-inch	1,000,826	1,005,053			0.80	964	U.S. ESA
4	36-inch	1,015,913	1,028,750			2.43	967	U.S. ESA
4	36-inch	1,031,950	1,033,550			0.30	969	U.S. ESA
4	36-inch	1,035,600	1,043,820			1.56	971	U.S. ESA
4	36-inch	1,049,420	1,059,570			1.92	973	U.S. ESA
Cass Lake to Deer River 48" (127,102 (diversion)-1,173,196)								
4	48-inch	1,057,233	1,063,970	127,102	133,840	1.28	975	U.S. ESA
4	48-inch	1,082,200	1,102,200	152,069	172,069	3.79	981	U.S. ESA
4	48-inch	1,110,680	1,123,150	180,550	193,019	2.36	985	U.S. ESA
4	48-inch	1,119,250	1,125,350	189,119	195,219	1.16	986	Enbridge CNW / Mississippi River
4	48-inch	1,119,250	1,142,100	189,119		4.33	988	U.S. ESA
4	48-inch	1,137,495	1,140,600		2,885	0.60	989	Enbridge CNW / Mississippi River
4	48-inch	1,161,116	1,173,196		8,336	2.29	995	U.S. ESA

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Cass Lake to Deer River 36" (1,173,151-1,173,232)								
4	36-inch	1,173,232	1,174,300			0.20	996	U.S. ESA
4	36-inch	1,173,151	1,173,232			0.02	996	U.S. ESA
Deer River to Floodwood 36" (1,173,232-1,306,304)								
4	36-inch	1,184,240	1,190,710			1.23	999	U.S. ESA
4	36-inch	1,228,600	1,246,000			3.30	1,008	Enbridge DW / GW
4	36-inch	1,258,130	1,262,528			0.83	1,012	Enbridge DW / GW
Deer River to Floodwood 48" (1,299,654-1,428,994 (47,009 - diversion))								
4	48-inch	1,313,895	1,318,270			0.83	1,023	U.S. ESA
4	48-inch	1,319,670	1,325,002			1.01	1,024	U.S. ESA
4	48-inch	1,428,000	1,428,994	46,015	47,009	0.19	1,044	Enbridge DW / GW
Deer River to Floodwood 36" (1,429,072-1,429,145)								
4	36-inch	1,429,072	1,429,145			0.01	1,044	Enbridge DW / GW
Floodwood to Wrenshall 36" (1,429,145-1,512,231)								
4	36-inch	1,429,145	1,429,472			0.06	1,044	Enbridge DW / GW
Floodwood to Wrenshall 48" (1,512,091-1,616,806)								
4	48-inch	1,571,743	1,573,593			0.35	1,072	Enbridge DW / GW
4	48-inch	1,585,926	1,587,854	5,045		0.37	1,074	Enbridge DW / GW
Floodwood to Wrenshall 36" (1,616,840-1,617,041)								
Wrenshall to Superior 36" (1,617,041-1,712,760)								
4	36-inch	1,665,217	1,676,700			2.17	1,090	U.S. ESA
4	36-inch	1,684,600	1,687,701			0.59	1,093	Enbridge DW / GW
4	36-inch	1,701,252	1,702,152			0.17	1,096	U.S. DW / SW

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Iron River (0 - 919,037)								
5	30-inch	0	26,916			5.10	1,101	U.S. DW / SW
5	30-inch	0	6,019			1.14	1,099	U.S. CNW / Superior Harbor
5	30-inch	7,100	8,821			0.33	1,100	U.S. DW / GW
5	30-inch	16,661	19,541			0.55	1,102	U.S. ESA
5	30-inch	18,044	21,307			0.62	1,102	U.S. DW / GW
5	30-inch	23,616	26,316			0.51	1,103	U.S. ESA
5	30-inch	27,466	34,066			1.25	1,104	U.S. DW / SW
5	30-inch	27,466	31,123			0.69	1,104	U.S. ESA
5	30-inch	37,191	38,941			0.33	1,105	U.S. DW / SW
5	30-inch	64,700	66,679			0.37	1,111	U.S. ESA
5	30-inch	121,416	125,928			0.85	1,122	U.S. ESA
5	30-inch	132,152	134,252			0.40	1,123	U.S. ESA
5	30-inch	134,752	137,252			0.47	1,124	U.S. ESA
5	30-inch	147,672	151,972			0.81	1,126	U.S. DW / GW
5	30-inch	166,593	170,043			0.65	1,130	U.S. ESA
5	30-inch	253,634	256,895			0.62	1,146	U.S. ESA
5	30-inch	253,634	256,895			0.62	1,146	U.S. ESA
5	30-inch	260,890	262,290			0.27	1,148	U.S. ESA
5	30-inch	260,890	262,290			0.27	1,148	U.S. ESA
5	30-inch	267,650	269,600			0.37	1,149	U.S. DW / SW
5	30-inch	270,687	274,330			0.69	1,150	U.S. DW / SW
5	30-inch	273,602	277,203			0.68	1,150	U.S. ESA
5	30-inch	285,467	289,944			0.85	1,153	Enbridge ESA

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Iron River (0 - 919,037) cont.								
5	30-inch	299,052	303,387			0.82	1,155	U.S. DW / SW
5	30-inch	305,393	310,600			0.99	1,156	U.S. DW / SW
5	30-inch	307,569	309,469			0.36	1,157	U.S. CNW / Lake Superior
5	30-inch	307,569	309,469			0.36	1,157	Enbridge ESA
5	30-inch	312,500	332,091			3.71	1,159	U.S. DW / SW
5	30-inch	335,813	337,435			0.31	1,162	U.S. DW / SW
5	30-inch	417,230	421,845			0.87	1,178	U.S. ESA
5	30-inch	417,230	421,845			0.87	1,178	U.S. CNW / Lake Superior
5	30-inch	435,634	437,434			0.34	1,181	U.S. ESA
5	30-inch	435,634	437,434			0.34	1,181	U.S. CNW / Lake Superior
5	30-inch	479,099	482,586			0.66	1,189	U.S. DW / GW
5	30-inch	489,451	491,211			0.33	1,191	U.S. DW / GW
5	30-inch	501,783	506,333			0.86	1,194	U.S. DW / GW
5	30-inch	501,783	506,333			0.86	1,194	U.S. DW / GW
5	30-inch	521,800	540,543			3.55	1,199	Enbridge DW / GW
5	30-inch	524,230	533,267			1.71	1,198	Enbridge DW / GW
5	30-inch	654,412	657,512			0.55	1,203	ENB DW / GW
5	30-inch	662,100	666,070			0.59	1,222	U.S. ESA
5	30-inch	711,870	713,520			0.75	1,224	U.S. ESA
5	30-inch	734,450	738,350			0.31	1,233	U.S. ESA
5	30-inch	740,650	745,550			0.74	1,238	U.S. ESA
5	30-inch	740,650	745,550			0.93	1,239	U.S. ESA
5	30-inch	740,650	745,550			0.93	1,239	U.S. DW / GW
5	30-inch	748,150	758,594			1.98	1,241	U.S. DW / GW

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Iron River (0 - 919,037) cont.								
5	30-inch	752,100	758,594			1.23	1,241	U.S. ESA
5	30-inch	767,107	769,287			0.41	1,244	Enbridge DW / GW
5	30-inch	770,687	773,664			0.56	1,244	U.S. ESA
5	30-inch	770,687	773,664			0.56	1,244	U.S. DW / GW
5	30-inch	770,687	773,664			0.56	1,244	U.S. ESA
5	30-inch	795,533	797,583			0.39	1,249	U.S. ESA
5	30-inch	848,061	859,911			2.24	1,260	U.S. ESA
5	30-inch	869,601	871,701			0.40	1,263	U.S. ESA
5	30-inch	875,001	877,796			0.53	1,264	U.S. ESA
5	30-inch	897,427	908,592			2.11	1,269	U.S. DW / GW
5	30-inch	911,842	919,037			1.36	1,271	U.S. DW / GW
Iron River to North Straits (919,037 - 1,993,306)								
5	30-inch	919,370	927,800			1.60	1,273	Enbridge DW / GW
5	30-inch	929,305	931,905			0.49	1,274	Enbridge DW / GW
5	30-inch	986,400	988,200			0.34	1,285	U.S. ESA
5	30-inch	1,028,041	1,030,491			0.46	1,293	U.S. ESA
5	30-inch	1,031,941	1,040,184			1.56	1,294	U.S. ESA
5	30-inch	1,047,166	1,053,016			1.11	1,297	U.S. ESA
5	30-inch	1,136,385	1,146,885			1.99	1,314	U.S. ESA
5	30-inch	1,261,275	1,263,225			0.37	1,337	U.S. ESA
5	30-inch	1,278,343	1,286,480			1.54	1,341	U.S. ESA
5	30-inch	1,293,995	1,296,295			0.44	1,343	U.S. ESA
5	30-inch	1,342,061	1,345,211			0.60	1,353	U.S. DW / GW
5	30-inch	1,301,295	1,303,645			0.45	1,345	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Iron River to North Straits (919,037 - 1,993,306) cont.								
5	30-inch	1,356,931	1,361,427			0.85	1,356	U.S. DW / GW
5	30-inch	1,364,712	1,367,227			0.48	1,357	U.S. DW / GW
5	30-inch	1,371,917	1,374,317			0.45	1,358	U.S. DW / GW
5	30-inch	1,378,127	1,379,432			0.25	1,359	U.S. DW / GW
5	30-inch	1,380,232	1,383,682			0.65	1,360	U.S. DW / GW
5	30-inch	1,412,201	1,415,422			0.61	1,366	U.S. ESA
5	30-inch	1,454,030	1,455,544			0.29	1,374	U.S. ESA
5	30-inch	1,472,844	1,476,808			0.75	1,377	U.S. ESA
5	30-inch	1,519,995	1,530,640			2.02	1,387	Enbridge DW / SW
5	30-inch	1,550,892	1,568,541			3.34	1,394	Enbridge DW / SW
5	30-inch	1,562,738	1,567,319			0.87	1,395	U.S. ESA
5	30-inch	1,568,175	1,572,367			0.79	1,395	U.S. ESA
5	30-inch	1,654,062	1,660,111			1.15	1,412	U.S. DW / GW
5	30-inch	1,749,210	1,752,673			0.66	1,430	U.S. DW / GW
5	30-inch	1,752,801	1,754,935			0.40	1,430	U.S. ESA
5	30-inch	1,752,801	1,754,935			0.40	1,430	U.S. ESA
5	30-inch	1,771,036	1,775,364			0.82	1,434	U.S. ESA
5	30-inch	1,771,036	1,775,064			0.76	1,434	U.S. ESA
5	30-inch	1,771,036	1,775,064			0.76	1,434	U.S. ESA
5	30-inch	1,783,181	1,785,431			0.43	1,436	U.S. ESA
5	30-inch	1,783,181	1,785,431			0.43	1,436	U.S. ESA
5	30-inch	1,787,370	1,790,139			0.52	1,437	U.S. ESA
5	30-inch	1,787,370	1,790,139			0.52	1,437	U.S. ESA

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Iron River to North Straits (919,037 - 1,993,306) cont.								
5	30-inch	1,787,370	1,790,139			0.52	1,437	U.S. ESA
5	30-inch	1,800,921	1,803,150			0.42	1,439	U.S. ESA
5	30-inch	1,800,921	1,803,150			0.42	1,439	U.S. ESA
5	30-inch	1,804,893	1,807,000			0.40	1,440	U.S. ESA
5	30-inch	1,804,893	1,807,000			0.40	1,440	U.S. ESA
5	30-inch	1,810,494	1,812,394			0.36	1,441	U.S. ESA
5	30-inch	1,810,494	1,812,394			0.36	1,441	U.S. ESA
5	30-inch	1,815,230	1,817,380			0.41	1,442	U.S. ESA
5	30-inch	1,815,230	1,817,380			0.41	1,442	U.S. ESA
5	30-inch	1,823,420	1,826,337			0.55	1,444	U.S. ESA
5	30-inch	1,823,420	1,826,337			0.55	1,444	U.S. ESA
5	30-inch	1,823,420	1,826,337			0.55	1,444	U.S. ESA
5	30-inch	1,828,586	1,830,506			0.36	1,445	U.S. ESA
5	30-inch	1,869,864	1,872,834			0.56	1,453	U.S. ESA
5	30-inch	1,893,871	1,903,021			1.73	1,458	U.S. ESA
5	30-inch	1,915,300	1,923,475			1.55	1,462	U.S. ESA
5	30-inch	1,915,300	1,917,171			0.35	1,461	U.S. ESA
5	30-inch	1,924,025	1,935,700			2.21	1,464	U.S. ESA
5	30-inch	1,927,100	1,935,700			1.63	1,464	U.S. ESA
5	30-inch	1,939,072	1,951,750			2.40	1,467	U.S. ESA
5	30-inch	1,943,503	1,948,500			0.95	1,467	U.S. ESA
5	30-inch	1,944,353	1,950,300			1.13	1,467	U.S. ESA

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
North Straits to Mackinaw - Straits of Mackinac East (1,993,306 - 2,015,016)								
5	30-inch	1,975,660	1,980,826			0.98	1,473	Enbridge DW / SW
5	30-inch	1,990,444	1,993,306			0.54	1,475	U.S. ESA
5	30-inch	1,990,925	1,993,306			0.45	1,475	U.S. ESA
5	30-inch	1,991,563	1,993,306			0.33	1,475	U.S. CNW / Lake Michigan
5	30-inch	1,991,563	1,993,306			0.33	1,475	U.S. ESA
5	20-inch	1,993,306	1,995,813			0.47	1,476	U.S. ESA
5	20-inch	1,993,306	1,993,963			0.12	1,476	U.S. ESA
5	20-inch	1,993,306	1,994,913			0.30	1,476	U.S. ESA
5	20-inch	1,993,306	2,015,016			4.11	1,478	U.S. CNW / Lake Michigan
5	20-inch	1,995,813	2,011,781			3.02	1,478	Enbridge ESA
5	20-inch	2,011,781	2,015,016			0.61	1,479	U.S. ESA
North Straits to Mackinaw - Straits of Mackinac West (1,993,306 - 2,015,016)								
5	20-inch	1,993,306	1,995,813			0.47	1,476	U.S. ESA
5	20-inch	1,993,306	1,993,963			0.12	1,476	U.S. ESA
5	20-inch	1,993,306	1,994,913			0.30	1,476	U.S. ESA
5	20-inch	1,993,306	2,015,016			4.11	1,478	U.S. CNW / Lake Michigan
5	20-inch	1,995,813	2,011,781			3.02	1,478	Enbridge ESA
5	20-inch	2,011,781	2,015,016			0.61	1,479	U.S. ESA
Mackinaw to Bay City (2,015,016 - 2,843,835)								
5	30-inch	2,015,016	2,015,766			0.14	1,480	U.S. CNW / Lake Michigan
5	30-inch	2,015,016	2,026,652			2.20	1,481	U.S. ESA
5	30-inch	2,015,366	2,024,563			1.74	1,481	U.S. ESA
5	30-inch	2,019,980	2,035,632			2.96	1,482	Enbridge DW / GW
5	30-inch	2,042,085	2,044,595			0.48	1,485	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Mackinaw to Bay City (2,015,016 - 2,843,835) cont. (Indian River Station)								
5	30-inch	2,077,721	2,088,841			2.11	1,493	U.S. ESA
5	30-inch	2,089,255	2,101,746			2.37	1,495	U.S. ESA
5	30-inch	2,096,522	2,098,972			0.46	1,495	U.S. ESA
5	30-inch	2,108,526	2,113,754			0.99	1,498	U.S. ESA
5	30-inch	2,111,100	2,117,115			1.14	1,498	U.S. ESA
5	30-inch	2,119,170	2,124,691			1.05	1,500	U.S. ESA
5	30-inch	2,125,441	2,129,618			0.79	1,501	U.S. ESA
5	30-inch	2,141,035	2,141,885			0.16	1,504	U.S. ESA
5	30-inch	2,148,338	2,158,357			1.90	1,506	U.S. ESA
5	30-inch	2,157,045	2,160,630			0.68	1,507	U.S. ESA
5	30-inch	2,159,491	2,164,960			1.04	1,508	Enbridge CNW / Indian River
5	30-inch	2,159,491	2,164,960			1.04	1,508	U.S. ESA
5	30-inch	2,159,491	2,164,960			1.04	1,508	U.S. ESA
5	30-inch	2,166,560	2,169,069			0.48	1,509	Enbridge CNW / Indian River
5	30-inch	2,166,560	2,169,069			0.48	1,509	U.S. ESA
5	30-inch	2,166,560	2,169,069			0.48	1,509	U.S. ESA
5	30-inch	2,173,990	2,187,601			2.58	1,511	Enbridge CNW / Indian River
5	30-inch	2,173,990	2,187,601			2.58	1,511	U.S. ESA
5	30-inch	2,173,990	2,187,601			2.58	1,511	U.S. ESA

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Iron River (0 - 919,037)								
5	30-inch	0	19,906			3.77	1,100	U.S. CNW / Lake Superior
5	30-inch	9,387	13,966			0.87	1,100	U.S. ESA
5	30-inch	23,342	26,345			0.57	1,103	U.S. ESA
5	30-inch	44,317	59,478			2.87	1,108	U.S. ESA
5	30-inch	266,022	280,447			2.73	1,150	U.S. ESA
5	30-inch	268,237	283,632			2.92	1,150	U.S. ESA
5	30-inch	632,908	653,457			3.89	1,220	U.S. ESA
5	30-inch	707,123	724,697			3.33	1,234	U.S. ESA
5	30-inch	740,451	757,910			3.31	1,240	U.S. ESA
5	30-inch	804,502	812,419			1.50	1,251	U.S. ESA
5	30-inch	843,251	865,005			4.12	1,260	U.S. ESA
Iron River to North Straits (919,037 - 1,993,306)								
5	30-inch	925,418	935,082			1.83	1,274	U.S. ESA
5	30-inch	1,043,493	1,052,367			1.68	1,297	U.S. ESA
5	30-inch	1,126,488	1,152,791			4.98	1,314	U.S. ESA
5	30-inch	1,271,583	1,295,382			4.51	1,341	U.S. ESA
5	30-inch	1,440,069	1,450,170			1.91	1,372	U.S. ESA
5	30-inch	1,511,128	1,530,580			3.68	1,386	U.S. ESA
5	30-inch	1,533,942	1,541,369			1.41	1,389	U.S. ESA
5	30-inch	1,536,035	1,546,179			1.92	1,390	U.S. ESA
5	30-inch	1,536,604	1,547,316			2.03	1,390	U.S. ESA
5	30-inch	1,548,226	1,561,256			2.47	1,393	U.S. CNW / Lake Michigan
5	30-inch	1,560,118	1,579,934			3.75	1,395	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information
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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Iron River to North Straits (919,037 - 1,993,306) cont.								
5	30-inch	1,761,120	1,775,771			2.77	1,433	U.S. ESA
5	30-inch	1,766,171	1,781,222			2.85	1,434	U.S. ESA
5	30-inch	1,770,175	1,790,064			3.77	1,435	U.S. ESA
5	30-inch	1,772,814	1,792,333			3.70	1,436	U.S. ESA
5	30-inch	1,783,269	1,787,812			0.86	1,436	U.S. ESA
5	30-inch	1,788,085	1,792,999			0.93	1,437	U.S. ESA
5	30-inch	1,799,795	1,828,752			5.48	1,442	U.S. ESA
5	30-inch	1,851,320	1,859,282			1.51	1,449	U.S. ESA
5	30-inch	1,862,035	1,874,047			2.28	1,452	U.S. ESA
5	30-inch	1,876,812	1,888,529			2.22	1,455	U.S. ESA
5	30-inch	1,877,361	1,888,529			2.12	1,455	U.S. ESA
5	30-inch	1,884,070	1,897,902			2.62	1,456	U.S. ESA
5	30-inch	1,887,391	1,907,726			3.85	1,457	U.S. ESA
5	30-inch	1,907,362	1,927,524			3.82	1,461	U.S. ESA
5	30-inch	1,907,726	1,945,720			7.20	1,463	U.S. ESA
5	30-inch	1,908,204	1,939,354			5.90	1,462	U.S. ESA
5	30-inch	1,908,318	1,922,696			2.72	1,461	U.S. ESA
5	30-inch	1,929,435	1,944,674			2.89	1,465	U.S. ESA
5	30-inch	1,931,710	1,960,614			5.47	1,467	U.S. ESA
5	30-inch	1,934,394	1,957,872			4.45	1,467	U.S. ESA
5	30-inch	1,936,545	1,945,720			1.74	1,466	U.S. ESA
5	30-inch	1,937,000	1,953,095			3.05	1,466	U.S. ESA
5	30-inch	1,937,364	1,956,098			3.55	1,467	U.S. ESA

Natural Gas Liquids:

Diversion Stationing: See Tab 3, Section 5.1 for more information
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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Natural Gas Liquids:								
Iron River to North Straits (919,037 - 1,993,306) cont.								
5	30-inch	1,937,637	1,953,823			3.07	1,467	U.S. ESA
5	30-inch	1,938,365	1,957,508			3.63	1,467	U.S. ESA
5	30-inch	1,940,024	1,956,507			3.12	1,467	U.S. ESA
5	30-inch	1,945,402	1,961,843			3.11	1,468	U.S. ESA
5	30-inch	1,948,727	1,966,767			3.42	1,469	U.S. ESA
5	30-inch	1,950,774	1,962,025			2.13	1,469	U.S. ESA
5	30-inch	1,951,502	1,967,814			3.09	1,469	U.S. ESA
5	30-inch	1,954,596	1,968,869			2.70	1,470	U.S. ESA
5	30-inch	1,955,279	1,968,869			2.57	1,470	U.S. ESA
5	30-inch	1,956,962	1,967,814			2.06	1,470	U.S. ESA
5	30-inch	1,971,417	1,979,084			1.45	1,472	U.S. ESA
5	30-inch	1,971,417	1,982,070			2.02	1,472	U.S. ESA
5	30-inch	1,972,145	1,982,525			1.97	1,473	U.S. ESA
5	30-inch	1,979,948	1,990,086			1.92	1,474	U.S. ESA
5	30-inch	1,983,663	1,993,306			1.83	1,475	U.S. ESA
5	30-inch	1,985,528	1,993,306			1.47	1,475	U.S. ESA
5	30-inch	1,986,939	1,993,306			1.21	1,475	U.S. CNW / Mackinac Straits
North Straits to Mackinaw - Straits of Mackinac East (1,993,306 - 2,015,016)								
5	20-inch	1,993,306	2,015,016			4.11	1,476	U.S. CNW / Mackinac Straits
5	20-inch	1,993,306	1,995,131			0.35	1,476	U.S. ESA
5	20-inch	1,993,306	1,998,586			1.00	1,476	U.S. ESA
5	20-inch	1,993,306	1,998,859			1.05	1,476	U.S. ESA
5	30-inch	1,998,859	2,015,016			3.06	1,478	Enbridge ESA
5	20-inch	2,010,234	2,015,016			0.91	1,479	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information
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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Natural Gas Liquids:								
North Straits to Mackinaw - Straits of Mackinac East (1,993,306 - 2,015,016) cont.								
5	20-inch	2,008,187	2,015,016			1.29	1,479	U.S. ESA
5	20-inch	2,010,780	2,015,016			0.80	1,479	U.S. ESA
North Straits to Mackinaw - Straits of Mackinac West (1,993,306 - 2,015,016)								
5	20-inch	1,993,306	2,015,016			4.11	1,476	U.S. CNW / Mackinac Straits
5	20-inch	1,993,306	1,995,131			0.35	1,476	U.S. ESA
5	20-inch	1,993,306	1,998,586			1.00	1,476	U.S. ESA
5	20-inch	1,993,306	1,998,859			1.05	1,476	U.S. ESA
5	30-inch	1,998,859	2,015,016			3.06	1,478	Enbridge ESA
5	20-inch	2,008,187	2,015,016			1.29	1,479	U.S. ESA
5	20-inch	2,010,234	2,015,016			0.91	1,479	U.S. ESA
5	20-inch	2,010,780	2,015,016			0.80	1,479	U.S. ESA
Mackinaw to Bay City (2,015,016 - 2,843,835)								
5	30-inch	2,015,016	2,037,577			4.27	1,482	U.S. ESA
5	30-inch	2,015,016	2,033,371			3.48	1,481	U.S. ESA
5	30-inch	2,015,016	2,031,255			3.08	1,481	U.S. ESA
5	30-inch	2,015,016	2,024,679			1.83	1,481	U.S. CNW / Mackinac Straits
5	30-inch	2,015,200	2,031,392			3.07	1,481	U.S. ESA
5	30-inch	2,015,200	2,027,934			2.41	1,481	U.S. ESA
5	30-inch	2,015,200	2,027,934			2.41	1,481	U.S. ESA
5	30-inch	2,015,376	2,031,050			2.97	1,481	U.S. ESA
5	30-inch	2,026,470	2,032,438			1.13	1,482	U.S. ESA
5	30-inch	2,035,412	2,060,869			4.82	1,486	U.S. ESA

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
		Begin Stationing	End Stationing			
Mackinaw to Bay City (2,015,016 - 2,843,835) cont. (Indian River Station)						
5	30-inch	2,086,195	2,122,201	6.82	1,497	U.S. ESA
5	30-inch	2,067,978	2,153,308	16.16	1,498	U.S. ESA
5	30-inch	2,105,004	2,125,292	3.84	1,499	U.S. ESA
5	30-inch	2,106,005	2,117,878	2.25	1,498	U.S. ESA
5	30-inch	2,142,616	2,165,639	4.36	1,506	U.S. ESA
5	30-inch	2,149,759	2,171,099	4.04	1,507	U.S. ESA
5	30-inch	2,152,421	2,171,236	3.56	1,508	U.S. ESA
						Enbridge CNW / Indian River

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Adams (0 - 1,201,518)								
6A	34-inch	0	11,673			2.21	1	U.S. DW / SW
6A	34-inch	14,447	19,429			0.94	3	U.S. DW / SW
6A	34-inch	139,882	143,376			0.66	27	U.S. DW / GW
6A	34-inch	174,497	184,386			1.87	34	U.S. ESA
6A	34-inch	174,497	184,386			1.87	34	U.S. ESA
6A	34-inch	203,603	204,843			0.23	39	U.S. ESA
6A	34-inch	213,851	217,331			0.66	41	U.S. ESA
6A	34-inch	213,851	217,331			0.66	41	U.S. ESA
6A	34-inch	274,261	277,686			0.65	52	U.S. ESA
6A	34-inch	281,936	285,814			0.73	54	U.S. ESA
6A	34-inch	304,820	313,462			1.64	59	U.S. ESA
6A	34-inch	353,422	355,933			0.48	67	U.S. ESA
6A	34-inch	423,751	425,700			0.37	80	U.S. DW / GW
6A	34-inch	435,988	437,938			0.37	83	U.S. DW / GW
6A	34-inch	441,350	447,747			1.21	84	U.S. ESA
6A	34-inch	441,350	447,747			1.21	84	U.S. ESA
6A	34-inch	448,897	453,800			0.93	85	U.S. ESA
6A	34-inch	448,897	453,800			0.93	85	U.S. ESA
6A	34-inch	454,650	459,350			0.89	87	U.S. ESA
6A	34-inch	454,650	459,350			0.89	87	U.S. ESA
6A	34-inch	464,453	467,889			0.65	88	U.S. ESA
6A	34-inch	464,453	467,889			0.65	88	U.S. ESA
6A	34-inch	464,453	467,889			0.65	88	U.S. ESA
6A	34-inch	468,684	471,034			0.45	89	U.S. ESA
6A	34-inch	468,684	471,034			0.45	89	U.S. ESA
6A	34-inch	468,684	471,034			0.45	89	U.S. ESA
6A	34-inch	477,212	502,732			4.83	93	U.S. ESA

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Adams (0 - 1,201,518) cont.								
6A	34-inch	505,192	508,318			0.59	96	U.S. ESA
6A	34-inch	515,370	516,670			0.25	98	Enbridge DW / GW
6A	34-inch	522,685	533,088			1.97	100	U.S. ESA

Crude Oil:

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Border to Clearbrook (0 - 715,074)								
13	18-inch	3,740	26,750			4.36	776.6	U.S. DW / SW
13	18-inch	49,850	51,840			0.38	783.4	U.S. DW / SW
13	18-inch	64,240	66,718			0.47	786.1	U.S. DW / SW
13	18-inch	114,878	117,345			0.47	795.7	Enbridge CNW / Red River of the North
13	18-inch	114,878	117,345			0.47	795.7	U.S. ESA
13	18-inch	122,528	124,790			0.43	797.2	Enbridge CNW / Red River of the North
13	18-inch	122,528	124,790			0.43	797.2	U.S. ESA
13	18-inch	129,711	162,587			6.23	801.3	Enbridge CNW / Red River of the North
13	18-inch	129,711	131,957			0.43	798.5	U.S. ESA
13	18-inch	136,985	139,572			0.49	799.9	U.S. ESA
13	18-inch	165,887	169,460			0.68	805.5	Enbridge CNW / Red River of the North
13	18-inch	446,472	450,676			0.80	858.9	U.S. DW / SW
13	18-inch	452,550	459,160			1.25	860.3	U.S. DW / SW
13	18-inch	461,010	467,310			1.19	861.9	U.S. DW / SW
13	18-inch	464,210	482,203			3.41	863.6	U.S. ESA
13	18-inch	471,416	474,610			0.60	863.6	U.S. DW / SW
13	18-inch	476,481	481,453			0.94	864.7	Enbridge DW / GW
13	18-inch	535,724	542,127			1.21	876.0	U.S. DW / GW
13	18-inch	593,266	595,795			0.48	886.7	Enbridge DW / GW
13	18-inch	686,730	688,330			0.30	904.3	Enbridge DW / GW
13	18-inch	711,618	715,074			0.65	909.2	Enbridge DW / GW
13	20-inch	63,600	78,250			2.77	922.7	U.S. ESA

Diluent:

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Diluent:								
13	20-inch	74,350	91,200			3.19	925.0	U.S. ESA
13	20-inch	110,100	126,800			3.16	931.8	U.S. ESA
13	20-inch	146,900	169,750			4.33	939.1	U.S. ESA
13	20-inch	149,711	150,946			0.23	937.7	U.S. DW / GW
13	20-inch	165,900	171,550			1.07	941.1	U.S. DW / GW
13	20-inch	191,150	206,450			2.90	946.8	U.S. DW / GW
13	20-inch	191,150	215,450			4.60	947.4	U.S. ESA
13	20-inch	191,150	217,450			4.98	947.6	U.S. ESA
13	20-inch	237,750	240,900			0.60	954.4	Enbridge DW / GW
13	20-inch	256,550	278,600			4.18	959.9	U.S. ESA
13	20-inch	284,100	295,600			2.18	964.1	U.S. ESA
13	20-inch	299,650	333,150			6.34	969.2	U.S. ESA
13	20-inch	333,450	350,350			3.20	974.0	U.S. ESA
13	20-inch	341,900	359,650			3.36	975.7	U.S. ESA
13	20-inch	364,700	385,700			3.98	980.0	U.S. ESA
13	20-inch	392,850	409,750			3.20	985.3	U.S. ESA
13	20-inch	398,850	413,550			2.78	986.2	Enbridge CNW / Mississippi River
13	20-inch	404,250	431,200			5.10	988.3	U.S. ESA
13	20-inch	422,500	425,550			0.58	989.5	Enbridge CNW / Mississippi River
13	20-inch	443,000	461,000			3.41	988.7	U.S. ESA
13	20-inch	464,100	477,900			2.61	998.5	U.S. ESA
13	20-inch	484,350	485,700			0.26	1001.1	U.S. ESA
13	20-inch	511,010	526,353			2.91	1007.6	Enbridge DW / GW
13	20-inch	556,200	564,150			1.51	1014.5	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information
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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			

Diluent:

Clearbrook to Superior (-244 - 1,004,157) cont.

13	20-inch	603,850	616,100			2.32	1023.8	U.S. ESA
13	20-inch	716,972	719,000			0.38	1044.1	Enbridge DW / GW
13	20-inch	862,000	863,900			0.36	1071.5	Enbridge DW / GW
13	20-inch	877,065	879,100			0.39	1074.3	Enbridge DW / GW
13	20-inch	960,565	968,857			1.57	1090.4	U.S. ESA
13	20-inch	976,400	979,838			0.65	1093.1	Enbridge DW / GW
13	20-inch	1,002,900	1,004,157			0.24	1097.7	U.S. DW / SW

Superior to Manhattan (0 - 2,593,665)

13	20-inch	0	5,450			1.03	0.1	U.S. DW / SW
13	20-inch	6,374	9,739			0.64	1.5	U.S. DW / SW
13	20-inch	14,377	17,668			0.62	3.1	U.S. DW / SW
13	20-inch	139,612	142,350			0.52	26.7	U.S. DW / GW
13	20-inch	143,372	149,300			1.12		U.S. ESA
13	20-inch	166,800	177,820			2.09	32.7	U.S. ESA
13	20-inch	200,640	208,250			1.44	38.7	U.S. ESA
13	20-inch	211,350	218,850			1.42	40.7	U.S. ESA
13	20-inch	287,250	293,050			1.10	55.0	U.S. ESA
13	20-inch	303,932	306,050			0.40	57.8	U.S. ESA
13	20-inch	339,600	347,550			1.51	65.1	U.S. ESA
13	20-inch	349,600	360,000			1.97	67.2	U.S. ESA
13	20-inch	430,564	432,450			0.36	81.7	U.S. DW / GW
13	20-inch	443,100	444,950			0.35	84.1	U.S. DW / GW
13	20-inch	448,455	453,800			1.01	85.5	U.S. ESA
13	20-inch	457,016	459,347			0.44	86.8	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Manhattan (0 - 2,593,665) cont. (Ladysmith, WI)								
13	20-inch	448,455	453,800			1.01	85.5	U.S. ESA
13	20-inch	457,016	459,347			0.44	86.8	U.S. ESA
13	20-inch	462,300	463,750			0.27	87.7	U.S. ESA
13	20-inch	462,300	463,750			0.27	87.7	U.S. ESA
13	20-inch	472,503	475,860			0.64	89.7	U.S. ESA
13	20-inch	472,746	474,843			0.40	89.7	U.S. ESA
13	20-inch	472,746	474,843			0.40	89.7	U.S. ESA
13	20-inch	472,746	474,843			0.40	89.7	U.S. ESA
13	20-inch	482,250	514,400			6.09	100.1	U.S. ESA
13	20-inch	524,950	542,450			3.31	101.1	U.S. ESA

Diluent:

HCA MANAGEMENT PLAN

IDENTIFYING HCA SYSTEM COMPONENTS

Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)

UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Adams (0 - 1,201,097)								
14	24-inch	0	5,134			0.97	0	U.S. DW / SW
14	24-inch	6,098	10,949			0.92	2	U.S. DW / SW
14	24-inch	12,872	18,417			1.05	3	U.S. DW / SW
14	24-inch	139,268	141,974			0.51	27	U.S. DW / GW
14	24-inch	173,944	183,072			1.73	34	U.S. ESA
14	24-inch	173,944	183,072			1.73	34	U.S. ESA
14	24-inch	202,033	203,527			0.28	38	U.S. ESA
14	24-inch	212,624	216,124			0.66	41	U.S. ESA
14	24-inch	212,624	216,124			0.66	41	U.S. ESA
14	24-inch	273,297	276,350			0.58	52	U.S. ESA
14	24-inch	280,550	286,414			1.11	54	U.S. ESA
14	24-inch	303,394	312,240			1.68	58	U.S. ESA
14	24-inch	352,783	355,189			0.46	67	U.S. ESA
14	24-inch	423,127	425,027			0.36	80	U.S. DW / GW
14	24-inch	435,220	437,220			0.38	83	U.S. DW / GW
14	24-inch	440,833	446,678			1.11	84	U.S. ESA
14	24-inch	440,833	446,678			1.11	84	U.S. ESA
14	24-inch	448,328	452,643			0.82	85	U.S. ESA
14	24-inch	448,328	452,643			0.82	85	U.S. ESA
14	24-inch	454,043	458,343			0.81	86	U.S. ESA
14	24-inch	454,043	458,343			0.81	86	U.S. ESA
14	24-inch	463,698	467,202			0.66	88	U.S. ESA
14	24-inch	463,698	467,202			0.66	88	U.S. ESA
14	24-inch	463,698	467,202			0.66	88	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

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HCA MANAGEMENT PLAN

IDENTIFYING HCA SYSTEM COMPONENTS

Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)

UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Adams (0 - 1,201,097) cont. (Ladysmith, WI)								
14	24-inch	467,812	469,919			0.40	89	U.S. ESA
14	24-inch	467,812	469,919			0.40	89	U.S. ESA
14	24-inch	467,812	469,919			0.40	89	U.S. ESA
14	24-inch	477,290	499,203			4.15	92	U.S. ESA
14	24-inch	504,696	506,657			0.37	96	U.S. ESA
14	24-inch	522,059	532,230			1.93	100	U.S. ESA
14	24-inch	527,222	529,680			0.47	100	U.S. ESA
14	24-inch	527,222	529,680			0.47	100	U.S. ESA

Crude Oil:

HCA MANAGEMENT PLAN

IDENTIFYING HCA SYSTEM COMPONENTS

Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)

UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT

Line	Diameter	Begin Stationing*	End Stationing*	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
61	42-inch	0	9,610			1.82	1	U.S. DW / SW
61	42-inch	12,490	17,490			0.95	3	U.S. DW / SW
61	42-inch	138,680	141,389			0.51	27	U.S. DW / GW
61	42-inch	172,740	182,639			1.87	34	U.S. ESA
61	42-inch	172,740	182,639			1.87	34	U.S. ESA
61	42-inch	201,690	202,940			0.24	38	U.S. ESA
61	42-inch	211,950	215,430			0.66	40	U.S. ESA
61	42-inch	211,950	215,430			0.66	40	U.S. ESA
61	42-inch	272,530	275,910			0.64	52	U.S. ESA
61	42-inch	280,040	285,920			1.11	54	U.S. ESA
61	42-inch	302,685	312,770			1.91	58	U.S. ESA
61	42-inch	352,288	354,806			0.48	67	U.S. ESA
61	42-inch	429,080	432,560			0.66	82	U.S. DW / GW
61	42-inch	441,265	443,848			0.49	84	U.S. DW / GW
61	42-inch	446,800	458,560			2.23	86	U.S. ESA
61	42-inch	446,800	458,560			2.23	86	U.S. ESA
61	42-inch	460,460	464,240			0.72	88	U.S. ESA
61	42-inch	460,460	464,240			0.72	88	U.S. ESA
61	42-inch	470,520	473,500			0.56	89	U.S. ESA
61	42-inch	470,520	473,500			0.56	89	U.S. ESA
61	42-inch	470,520	473,500			0.56	89	U.S. ESA
61	42-inch	474,450	476,800			0.45	90	U.S. ESA
61	42-inch	474,450	476,800			0.45	90	U.S. ESA
61	42-inch	474,450	476,800			0.45	90	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information

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HCA MANAGEMENT PLAN

IDENTIFYING HCA SYSTEM COMPONENTS

Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)

UNUSUALLY SENSITIVE AREA PIPE SEGMENTS BY STATIONING- TRANSPORT IMPACT

Line	Diameter	Begin Stationing*	End Stationing*	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Superior to Delavan (0-1,703,457) cont. (Ladysmith, WI)								
61	42-inch	483,630	506,580			4.35	94	U.S. ESA
61	42-inch	511,334	513,322			0.38	97	U.S. ESA
61	42-inch	528,433	538,722			1.95	101	U.S. ESA

*Stationing is based on temporary Enbridge stationing

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
U.S. Border to Clearbrook (0 - 721,214)								
65	20-inch	3,700	13,050			1.77	775	U.S. DW / SW
65	20-inch	49,476	51,620			0.41	783	U.S. DW / SW
65	20-inch	64,950	66,650			0.32	786	U.S. DW / SW
65	20-inch	115,250	117,200			0.37	796	Enbridge CNW / Red River
65	20-inch	115,250	117,200			0.37	796	U.S. ESA
65	20-inch	122,850	124,800			0.37	797	Enbridge CNW / Red River
65	20-inch	122,850	124,800			0.37	797	U.S. ESA
65	20-inch	130,100	132,200			0.40	799	Enbridge CNW / Red River
65	20-inch	130,100	132,200			0.40	799	U.S. ESA
65	20-inch	137,450	139,500			0.39	800	Enbridge CNW / Red River
65	20-inch	137,450	139,500			0.39	800	U.S. ESA
65	20-inch	142,460	146,350			0.74	801	Enbridge CNW / Red River
65	20-inch	147,000	149,100			0.40	802	Enbridge CNW / Red River
65	20-inch	155,900	158,650			0.52	804	Enbridge CNW / Red River
65	20-inch	166,500	169,500			0.57	806	Enbridge CNW / Red River
65	20-inch	449,300	453,870			0.87	859	U.S. DW / SW
65	20-inch	455,970	462,315			1.20	861	U.S. DW / SW
65	20-inch	463,920	470,630			1.27	862	U.S. DW / SW
65	20-inch	473,750	478,290			0.86	864	U.S. ESA
65	20-inch	474,850	477,200			0.45	864	U.S. DW / SW
65	20-inch	480,000	484,100			0.78	865	Enbridge DW / GW
65	20-inch	538,750	540,550			0.34	876	U.S. DW / GW
65	20-inch	541,240	544,980			0.71	877	U.S. DW / GW
65	20-inch	596,400	600,050			0.69	887	Enbridge DW / GW

Diversion Stationing: See Tab 3, Section 5.1 for more information

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
U.S. Border to Clearbrook (0 - 721,214) cont.								
65	20-inch	692,600	694,250			0.31	905	Enbridge DW / GW
65	20-inch	719,748	721,214			0.28	910	Enbridge DW / GW

Crude Oil:

**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Border to Viking (0-395,630)								
67	36-inch	3,800	26,500			4.30	777	U.S. DW / SW
67	36-inch	49,350	51,800			0.46	783	U.S. DW / SW
67	36-inch	64,150	67,150			0.57	786	U.S. DW / SW
67	36-inch	114,750	117,850			0.59	796	Enbridge CNW / Red River of the North
67	36-inch	114,750	117,850			0.59	796	US ESA
67	36-inch	122,000	125,350			0.63	797	Enbridge CNW / Red River of the North
67	36-inch	122,000	125,350			0.63	797	US ESA
67	36-inch	129,250	132,150			0.55	798	Enbridge CNW / Red River of the North
67	36-inch	129,250	132,150			0.55	798	US ESA
67	36-inch	137,500	140,450			0.56	800	Enbridge CNW / Red River of the North
67	36-inch	137,500	140,450			0.56	800	US ESA
67	36-inch	142,000	146,600			0.87	801	Enbridge CNW / Red River of the North
67	36-inch	147,000	149,150			0.41	802	Enbridge CNW / Red River of the North
67	36-inch	155,650	159,300			0.69	804	Enbridge CNW / Red River of the North
67	36-inch	166,450	169,750			0.63	806	Enbridge CNW / Red River of the North
Viking to Clearbrook (395,630-721,240)								
67	36-inch	449,650	454,000			0.82	859	U.S. DW / SW
67	36-inch	456,100	462,400			1.19	861	U.S. DW / SW
67	36-inch	464,100	471,400			1.38	862	U.S. DW / SW
67	36-inch	474,350	479,250			0.93	864	U.S. ESA
67	36-inch	474,600	478,300			0.70	864	U.S. DW / SW
67	36-inch	479,250	484,250			0.95	865	Enbridge DW / GW
67	36-inch	538,500	545,300			1.29	876	U.S. DW / GW
67	36-inch	596,550	599,400			0.54	887	Enbridge DW / GW

Diversion Stationing: See Tab 3, Section 5.1 for more information

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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Viking to Clearbrook (395,630-721,240) cont.								
67	36-inch	692,600	694,500			0.36	905	Enbridge DW / GW
67	36-inch	719,850	721,000			0.22	910	Enbridge DW / GW
Clearbrook to Deer River (723,033-1,177,820)								
67	36-inch	789,850	798,100			1.56	924	U.S. ESA
67	36-inch	800,800	811,500			2.03	926	U.S. ESA
67	36-inch	835,745	845,550			1.86	933	U.S. ESA
67	36-inch	872,450	890,280			3.38	941	U.S. ESA
67	36-inch	873,150	874,100			0.18	939	U.S. DW / GW
67	36-inch	889,100	894,760			1.07	943	U.S. DW / GW
67	36-inch	911,750	929,550			3.37	948	U.S. DW / GW
67	36-inch	911,750	932,050			3.84	948	U.S. ESA
67	36-inch	911,750	936,850			4.75	949	U.S. ESA
67	36-inch	961,000	964,100			0.59	956	Enbridge DW / GW
67	36-inch	983,950	998,850			2.82	961	U.S. ESA
67	36-inch	1,010,460	1,014,800			0.82	966	U.S. ESA
67	36-inch	1,025,630	1,038,450			2.43	969	U.S. ESA
67	36-inch	1,041,000	1,043,950			0.56	971	U.S. ESA
67	36-inch	1,045,150	1,053,150			1.52	972	U.S. ESA
67	36-inch	1,059,100	1,070,900			2.23	975	U.S. ESA
67	36-inch	1,068,250	1,080,300			2.28	977	U.S. ESA
67	36-inch	1,090,350	1,108,950			3.52	982	U.S. ESA
67	36-inch	1,118,550	1,130,650			2.29	987	U.S. ESA
67	36-inch	1,125,350	1,130,650			1.00	987	Enbridge CNW / Mississippi River
67	36-inch	1,131,800	1,148,700			3.20	990	U.S. ESA

Diversion Stationing: See Tab 3, Section 5.1 for more information
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**Superior Region Response Zone- Drinking Water (DW), Environmentally Sensitive Areas (ESA) and Commercially Navigable Waterways (CNW)
HIGH CONSEQUENCE PIPE SEGMENTS BY STATIONING - TRANSPORT IMPACT**

Line	Diameter	Begin Stationing	End Stationing	Diversion		Segment Length (mile)	Approximate Milepost	High Consequence Area
				Begin Stationing	End Stationing			
Crude Oil:								
Clearbrook to Deer River (723,033-1,177,820) cont.								
67	36-inch	1,145,700	1,148,700			0.57	991	Enbridge CNW / Mississippi River
Deer River to Superior (1,180,361-1,727,948)								
67	36-inch	1,169,300	1,180,650			2.15	996	U.S. ESA / Deer River
67	36-inch	1,191,200	1,197,750			1.24	1000	U.S. ESA
67	36-inch	1,234,250	1,249,550			2.90	1009	Enbridge DW / GW
67	36-inch	1,266,300	1,267,700			0.27	1014	Enbridge DW / GW
67	36-inch	1,326,950	1,330,000			0.58	1025	U.S. ESA
67	36-inch	1,332,950	1,337,050			0.78	1027	U.S. ESA
67	36-inch	1,439,700	1,442,200			0.47	1047	Enbridge DW / GW
67	36-inch	1,585,000	1,587,300			0.44	1074	Enbridge DW / GW
67	36-inch	1,600,300	1,602,100			0.34	1077	Enbridge DW / GW
67	36-inch	1,678,650	1,691,500			2.43	1093	U.S. ESA
67	36-inch	1,699,450	1,702,600			0.60	1096	Enbridge DW / GW
67	36-inch	1,715,825	1,717,450			0.31	1099	U.S. DW / SW