

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWM Width <sup>h</sup> (feet)	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
1	wasd1041e	Wetland	N/A	-	0.08	46.587227	-90.859728	Pipeyard	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
2	wasd1040e	Wetland	N/A	-	0.08	46.586930	-90.860943	Pipeyard	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
3	was013f	Wetland	N/A	-	0.28	46.555338	-90.895390	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.30	0.12	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
4	was013f	Wetland	N/A	-	0.35	46.554270	-90.895405	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.70	0.27	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
5	was016e	Wetland	N/A	-	0.43	46.553357	-90.895982	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
6	sasa1008e	Waterbody	UNT of Bay City Creek	Not Assigned	0.59	46.551243	-90.896221	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Fish Creek	Ephemeral	4	No	A	No	No	Mar 1 - Jun 15
7	was1008e	Wetland	N/A	-	0.59	46.551129	-90.896420	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.02	0.02	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
8	sas090p	Waterbody	Bay City Creek	2891100	0.63	46.537307	-90.895245	Mainline ROW	N/A	N/A	N/A	No	0.04	--	--	Fish Creek	Perennial	12	No	B	Yes	Yes	Mar 1 - Jun 15
9	was014e	Wetland	N/A	-	0.72	46.549489	-90.895473	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.04	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
10	was015e	Wetland	N/A	-	0.77	46.548783	-90.895468	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.16	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
11	was015e	Wetland	N/A	-	0.82	46.548015	-90.895502	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.40	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
12	was1009e	Wetland	N/A	-	0.90	46.546838	-90.895461	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.08	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
13	was1009e	Wetland	N/A	-	0.94	46.546372	-90.895436	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.10	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
14	was1010e	Wetland	N/A	-	0.98	46.545311	-90.895424	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.63	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
15	was1010e	Wetland	N/A	-	1.04	46.544925	-90.895279	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
16	was1010e	Wetland	N/A	-	1.05	46.544839	-90.895406	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.14	0.06	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
17	was1010e	Wetland	N/A	-	1.06	46.544657	-90.895373	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.06	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
18	was1010e	Wetland	N/A	-	1.06	46.544627	-90.895618	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
19	was1012e	Wetland	N/A	-	1.12	46.543707	-90.895245	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
20	was1016e	Wetland	N/A	-	1.15	46.543197	-90.895485	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.03	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
21	was1020e	Wetland	N/A	-	1.17	46.542978	-90.895590	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A
22	was1024e	Wetland	N/A	-	1.23	46.542163	-90.895357	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.04	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
23	was1024e	Wetland	N/A	-	1.25	46.541811	-90.895387	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.03	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
24	was1025e	Wetland	N/A	-	1.26	46.541666	-90.895388	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.03	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
25	was1026e	Wetland	N/A	-	1.31	46.540992	-90.895416	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.08	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
26	was1027e	Wetland	N/A	-	1.35	46.540308	-90.895378	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.07	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
27	was1029e	Wetland	N/A	-	1.47	46.538624	-90.895413	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.16	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
28	WDH-02	Waterbody	UNT of Little Beartrap Creek	5001516	1.51	46.538086	-90.895314	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Lower Bad River	Intermittent	<10 feet <sup>o</sup>	No	A	No	Yes	Mar 1 - Jun 15
29	was1029e	Wetland	N/A	-	1.51	46.537903	-90.895319	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.32	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
30	WDH-03	Waterbody	UNT of Little Beartrap Creek	5001523	1.55	46.537403	-90.895343	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Lower Bad River	Intermittent	<10 feet <sup>o</sup>	No	A	No	Yes	Mar 1 - Jun 15
31	was1029e	Wetland	N/A	-	1.59	46.536904	-90.895389	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.04	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
32	was1029e	Wetland	N/A	-	1.62	46.536529	-90.895310	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.06	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
33	was1033e	Wetland	N/A	-	1.64	46.536121	-90.895325	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.08	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
34	was1039e	Wetland	N/A	-	1.67	46.535743	-90.895268	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.05	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
35	was112s	Wetland	N/A	-	1.69	46.535414	-90.895188	Mainline ROW	N/A	N/A	Shrub-Carr	No	0.04	0.02	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
36	was112e	Wetland	N/A	-	1.70	46.535354	-90.895095	Mainline ROW	N/A	N/A	Sedge Meadow	No	0.00	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
37	was112e	Wetland	N/A	-	1.72	46.534995	-90.895341	Mainline ROW	N/A	Trench	Sedge Meadow	No	0.16	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
38	was112e	Wetland	N/A	-	1.76	46.534379	-90.895272	Mainline ROW	N/A	Trench	Sedge Meadow	No	0.34	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
39	was112s	Wetland	N/A	-	1.79	46.534094	-90.895277	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.10	0.06	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
40	was112e	Wetland	N/A	-	1.80	46.533372	-90.895279	Mainline ROW	N/A	Trench	Sedge Meadow	No	1.27	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
41	WDH-04	Waterbody	UNT of Little Beartrap Creek	5001550	1.88	46.532822	-90.895742	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Lower Bad River	Intermittent	<10 feet <sup>o</sup>	No	A	No	Yes	Mar 1 - Jun 15
42	was112e	Wetland	N/A	-	1.88	46.532798	-90.895818	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.11	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
43	was112e	Wetland	N/A	-	1.92	46.532397	-90.896202	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.07	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
44	was1055e	Wetland	N/A	-	1.95	46.531924	-90.896557	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.15	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
45	was1037e	Wetland	N/A	-	1.98	46.531528	-90.896467	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.05	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
46	was1036e	Wetland	N/A	-	1.99	46.531302	-90.896173	Mainline ROW	N/A	Trench	Sedge Meadow	No	0.07	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
47	was112e	Wetland	N/A	-	2.01	46.531009	-90.896505	Mainline ROW	N/A	Trench	Sedge Meadow	No	0.09	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
48	was110e	Wetland	N/A	-	2.03	46.530723	-90.896409	Mainline ROW	N/A	Trench	Sedge Meadow	No	0.06	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
49	sasa1021e	Waterbody	UNT of Little Beartrap Creek	Not Assigned	2.04	46.530556	-90.896223	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Lower Bad River	Ephemeral	2	No	A	No	No	Mar 1 - Jun 15
50	was106e	Wetland	N/A	-	2.09	46.529843	-90.896437	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
51	was106e	Wetland	N/A	-	2.12	46.529359	-90.896395	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.12	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
52	was106e	Wetland	N/A	-	2.16	46.529078	-90.895953	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.16	0.07	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
53	was104f	Wetland	N/A	-	2.21	46.528598	-90.895125	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.10	0.00	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
54	was059f	Wetland	N/A	-	2.24	46.528105	-90.895039	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.03	0.01	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
55	sasa047i	Waterbody	Little Beartrap Creek	2891500	2.24	46.528013	-90.895153	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Lower Bad River	Intermittent	6	No	A	No	Yes	Mar 1 - Jun 15
56	was059f	Wetland	N/A	-	2.25	46.527895	-90.895052	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.12	0.04	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
57	sasa046e	Waterbody	UNT of Little Beartrap Creek	Not Assigned	2.28	46.527472	-90.895105	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Lower Bad River	Ephemeral	4	No	A	No	Yes	Mar 1 - Jun 15
58	was058e	Wetland	N/A	-	2.29	46.527383	-90.895019	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.06	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
59	was056e	Wetland	N/A	-	2.32	46.526852	-90.895061	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.09	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
60	was055e	Wetland	N/A	-	2.34	46.526456	-90.895240	Mainline ROW	N/A	Trench	Sedge Meadow	No	0.02	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
61	was103e	Wetland	N/A	-	2.39	46.525634	-90.895130	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.16	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
62	was103e	Wetland	N/A	-	2.43	46.525238	-90.895325	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.12	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
63	was103s	Wetland	N/A	-	2.44	46.525243	-90.895126	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.45	0.24	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
64	was103e	Wetland	N/A	-	2.47	46.524710	-90.895116	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.03	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
65	was103s	Wetland	N/A	-	2.48	46.524568	-90.895242	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.11	0.07	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	N/A
66	was103e	Wetland	N/A	-	2.48	46.524522	-90.895324	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Lower Bad River	N/A	N/A	N/A	N/A	No	No	

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Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWB Width (feet) <sup>h</sup>	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
115	was021f	Wetland	N/A	-	4.39	46.496465	-90.894188	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.55	0.24	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
116	was021s	Wetland	N/A	-	4.46	46.495844	-90.894409	Mainline ROW	N/A	HDD	Alder Thicket	No	0.07	0.03	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
117	was1061f	Wetland	N/A	-	4.50	46.495376	-90.894159	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.07	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
118	was080f	Wetland	N/A	-	4.52	46.494867	-90.894369	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.26	0.14	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
119	was080f	Wetland	N/A	-	4.56	46.494419	-90.894510	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.02	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
120	was081f	Wetland	N/A	-	4.57	46.494295	-90.894664	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.03	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
121	was080e	Wetland	N/A	-	4.59	46.494212	-90.89515	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.19	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
122	was080b	Wetland	N/A	-	4.59	46.494062	-90.895192	Mainline ROW	N/A	Trench	Alder Thicket	No	0.09	0.03	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
123	was1064e	Wetland	N/A	-	4.65	46.493832	-90.896256	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
124	was080e	Wetland	N/A	-	4.67	46.493889	-90.896605	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.02	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
125	was013i	Waterbody	UNT of White River	5001803	4.69	46.494002	-90.897180	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Intermittent	3	No	A	No	Yes	Mar 1 - Jun 15
126	was1067e	Wetland	N/A	-	4.71	46.494160	-90.897724	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.05	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
127	sas014e	Waterbody	UNT of White River	Not Assigned	4.72	46.493862	-90.897742	Mainline ROW	N/A	N/A	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	No	Mar 1 - Jun 15
128	was019e	Wetland	N/A	-	4.73	46.493900	-90.897906	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.03	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
129	was019e	Wetland	N/A	-	4.73	46.494095	-90.898477	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.12	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
130	was1046e	Wetland	N/A	-	4.75	46.494267	-90.898494	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.03	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
131	was1068e	Wetland	N/A	-	4.77	46.493852	-90.898764	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.02	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
132	was1069e	Wetland	N/A	-	4.84	46.493630	-90.900171	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
133	was1069e	Wetland	N/A	-	4.86	46.493442	-90.900404	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.03	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
134	sas013x	Waterbody	UNT of White River	5001803	4.86	46.493424	-90.900431	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Intermittent	3	No	A	No	Yes	Mar 1 - Jun 15
135	was1069e	Wetland	N/A	-	4.86	46.493322	-90.900453	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.12	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
136	was1069e	Wetland	N/A	-	4.87	46.493687	-90.901994	Access Road	203.01	N/A	Fresh (Wet) Meadow	No	0.03	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
137	was1069e	Wetland	N/A	-	4.87	46.493687	-90.901994	Water Line	203.01	N/A	Fresh (Wet) Meadow	No	0.03	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
138	sasa1020e	Waterbody	UNT of White River	Not Assigned	4.93	46.492317	-90.900730	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	Yes	Mar 1 - Jun 15
139	sasc041p	Waterbody	Rock Creek	2893900	5.05	46.490678	-90.900760	Mainline ROW	N/A	DC	N/A	No	--	--	--	White River	Perennial	10	No	B	Yes	Yes	Mar 1 - Jun 15
140	sasa016e	Waterbody	UNT of Rock Creek	Not Assigned	5.50	46.486412	-90.906078	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	Yes	Mar 1 - Jun 15
141	was001e	Wetland	N/A	-	5.51	46.486289	-90.906004	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
142	sasc036e	Waterbody	UNT of Rock Creek	5001870	5.54	46.485865	-90.905741	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	Yes	Mar 1 - Jun 15
143	was002e	Wetland	N/A	-	5.55	46.485818	-90.905710	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.08	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
144	sasc037e	Waterbody	UNT of Deer Creek	5001904	5.79	46.482540	-90.903712	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	Yes	Mar 1 - Jun 15
145	sasc038e	Waterbody	UNT of Deer Creek	Not Assigned	5.82	46.483140	-90.903461	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	Yes	Mar 1 - Jun 15
146	was057e	Wetland	N/A	-	5.82	46.483135	-90.903260	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
147	was059e	Wetland	N/A	-	5.86	46.481691	-90.902927	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
148	was060f	Wetland	N/A	-	5.88	46.481385	-90.902929	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.05	0.03	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
149	was061e	Wetland	N/A	-	5.91	46.480981	-90.902905	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
150	sasc039i	Waterbody	UNT of Deer Creek	5001917	5.93	46.480688	-90.902606	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Intermittent	12	No	A	No	Yes	Mar 1 - Jun 15
151	sasc040e	Waterbody	UNT of Deer Creek	Not Assigned	5.94	46.480477	-90.902540	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	1	No	A	No	Yes	Mar 1 - Jun 15
152	was062f	Wetland	N/A	-	5.97	46.480119	-90.902230	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.15	0.06	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
153	was063s	Wetland	N/A	-	6.01	46.479495	-90.902087	Mainline ROW	N/A	N/A	Shrub-Carr	No	0.03	0.01	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
154	sasc022p	Waterbody	Deer Creek	2893600	6.35	46.474853	-90.899749	Mainline ROW	N/A	HDD	N/A	No	--	--	--	White River	Perennial	25	No	N/A	No	No	Mar 1 - Jun 15
155	sasc021e	Waterbody	UNT of Deer Creek	Not Assigned	6.39	46.474370	-90.899535	Mainline ROW	N/A	HDD	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	No	Mar 1 - Jun 15
156	was073f	Wetland	N/A	-	6.42	46.473986	-90.899385	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.04	0.04	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
157	was073f	Wetland	N/A	-	6.46	46.473433	-90.899104	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.02	0.02	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
158	was074f	Wetland	N/A	-	6.49	46.473019	-90.898936	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.03	0.03	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
159	was1130e	Wetland	N/A	-	6.57	46.471829	-90.898768	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
160	was077f	Wetland	N/A	-	6.59	46.471365	-90.898834	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.17	0.11	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
161	sasa067e	Waterbody	UNT of Deer Creek	5001931	6.64	46.470751	-90.898793	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	2	No	A	No	Yes	Mar 1 - Jun 15
162	was078f	Wetland	N/A	-	6.68	46.470229	-90.898814	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.18	0.08	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
163	was079f	Wetland	N/A	-	6.71	46.469808	-90.898927	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
164	was1131e	Wetland	N/A	-	6.93	46.466595	-90.901044	Access Road	014	N/A	Seasonally Flooded Basin	No	0.00	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
165	was1131e	Wetland	N/A	-	6.93	46.466578	-90.901663	Access Road	014	N/A	Seasonally Flooded Basin	No	0.01	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
166	WDH-101	Waterbody	UNT of Deer Creek	5001931	6.94	46.466476	-90.903205	Access Road	014	N/A	N/A	No	--	--	--	White River	Intermittent	<10 feet <sup>h</sup>	No	A	No	No	Mar 1 - Jun 15
167	was1002e	Wetland	N/A	-	6.94	46.466473	-90.903433	Access Road	014	N/A	Fresh (Wet) Meadow	No	0.00	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
168	was1001e	Wetland	N/A	-	6.95	46.466364	-90.907448	Access Road	014	N/A	Fresh (Wet) Meadow	No	0.00	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
169	sasa066i	Waterbody	UNT of Deer Creek	2893700	7.07	46.464737	-90.898793	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Intermittent	8	No	A	No	Yes	Mar 1 - Jun 15
170	sasa068e	Waterbody	UNT of Deer Creek	Not Assigned	7.16	46.463335	-90.898786	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	White River	Ephemeral	1	No	A	No	Yes	Mar 1 - Jun 15
171	was1132e	Wetland	N/A	-	7.30	46.461144	-90.898772	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.26	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
172	was015f	Wetland	N/A	-	7.38	46.460178	-90.898780	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.13	0.06	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
173	was015f	Wetland	N/A	-	7.38	46.460053	-90.898614	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	White River	N/A	N/A	N/A	N/A	No	No	N/A
174	was015f	Wetland	N/A	-	7.40	46.459521	-90.898796	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.51	0.28	--	Marengo River	N/A	N/A	N/A	N/A	No	No	N/A
175	was015e	Wetland	N/A	-	7.45	46.459148	-90.898750	Mainline ROW	N/A	Trench	Seasonally Flooded Basin	No	0.10	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	N/A
176	was014e	Wetland	N/A	-	7.53	46.457877	-90.898648	Mainline ROW	N/A	N/A	Seasonally Flooded Basin	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	N/A
177	was028e	Wetland	N/A	-	7.57	46.457086	-90.898678	Access Road	015	N/A	Shrub-Carr	No	0.07	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	N/A
178	was0002e	Wetland	N/A	-	7.57	46.457335	-90.900819	Access Road	015	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	N/A
179	was029e	Wetland	N/A	-	7.57	46.457329	-90.898791	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	N/A
180	was028f	Wetland	N/A	-	7.59	46.457145	-90.898859	Mainline ROW	N/A	Trench</													

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWB Width (feet) <sup>h</sup>	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates	
229	Wase1012f	Wetland	N/A	-	9.92	46.433071	-90.873345	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.41	0.21	--	Marengo River	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15	
230	Wase1012f	Wetland	N/A	-	9.97	46.432484	-90.872709	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.04	0.03	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
231	Wase1046f	Wetland	N/A	-	9.99	46.432258	-90.872490	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.07	0.04	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
232	Wase1013f	Wetland	N/A	-	10.03	46.431793	-90.871956	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.14	0.07	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
233	Wase1013f	Wetland	N/A	-	10.04	46.431890	-90.871433	Mainline ROW	N/A	Trench	Shrub-Carr	No	1.05	0.24	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
234	Wase1013f	Wetland	N/A	-	10.06	46.431633	-90.871393	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.04	0.02	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
235	Wase1013f	Wetland	N/A	-	10.09	46.431452	-90.870045	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.64	0.35	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
236	Wase1013f	Wetland	N/A	-	10.14	46.431503	-90.869669	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
237	Wase1013f	Wetland	N/A	-	10.18	46.431362	-90.868869	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
238	Wase1013f	Wetland	N/A	-	10.20	46.431139	-90.868253	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.13	0.07	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
239	Wase1013s	Wetland	N/A	-	10.27	46.430931	-90.867120	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.09	0.04	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
240	Wase1013e	Wetland	N/A	-	10.28	46.430812	-90.866775	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.05	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
241	sase1003e	Waterbody	Ditch	Not Assigned	10.54	46.430698	-90.861400	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Marengo River	Ephemeral	1	No	A	No	Yes	Mar 1 - Jun 15	
242	Wase1016f	Wetland	N/A	-	10.57	46.430616	-90.860565	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.47	0.17	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
243	Wase1016f	Wetland	N/A	-	10.66	46.430638	-90.857149	Mainline ROW	N/A	Trench	Hardwood Swamp	No	1.98	1.11	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
244	Wase1020f	Wetland	N/A	-	10.88	46.430655	-90.854319	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.06	0.03	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
245	Wase1021e	Wetland	N/A	-	10.90	46.430622	-90.853767	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.18	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
246	Wase1021e	Wetland	N/A	-	10.96	46.430488	-90.852721	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
247	Wase1021f	Wetland	N/A	-	10.96	46.430695	-90.852649	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
248	Wase1021s	Wetland	N/A	-	10.96	46.430554	-90.852643	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.03	0.02	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
249	Wase1021f	Wetland	N/A	-	10.98	46.430708	-90.852066	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
250	Wase1021s	Wetland	N/A	-	10.99	46.430603	-90.851658	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.37	0.22	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
251	Wase1021f	Wetland	N/A	-	11.00	46.430694	-90.851836	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
252	Wase1021e	Wetland	N/A	-	11.01	46.430497	-90.851546	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
253	Wase1055e	Wetland	N/A	-	11.09	46.431088	-90.849386	Access Road	021	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
254	Wase1055e	Wetland	N/A	-	11.09	46.431562	-90.848697	Access Road	021	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
255	Wase1055e	Wetland	N/A	-	11.09	46.431648	-90.848495	Access Road	021	N/A	Fresh (Wet) Meadow	No	0.03	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
256	sase1018i	Waterbody	UNT of Marengo River	2918900	11.09	46.431553	-90.848665	Access Road	021	N/A	N/A	No	--	--	--	Marengo River	Intermittent	7	No	A	No	No	Yes	Mar 1 - Jun 15
257	WDH-10	Waterbody	UNT of Marengo River	2918900	11.09	46.431768	-90.848357	Access Road	021	N/A	N/A	No	--	--	--	Marengo River	Intermittent	<10 feet <sup>o</sup>	No	A	No	No	Yes	Mar 1 - Jun 15
258	Wase1042e	Wetland	N/A	-	11.13	46.432588	-90.848062	Access Road	021	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
259	sase1004e	Waterbody	UNT of Marengo River	Not Assigned	11.13	46.432384	-90.847356	Access Road	021	N/A	N/A	No	--	--	--	Marengo River	Ephemeral	2	No	A	No	No	Yes	Mar 1 - Jun 15
260	Wase1023e	Wetland	N/A	-	11.13	46.432704	-90.848071	Access Road	021	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
261	Wase1055f	Wetland	N/A	-	11.17	46.429563	-90.849082	Mainline ROW	N/A	Direct Bore	Floodplain Forest	No	0.03	0.03	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
262	sase1019i	Waterbody	UNT of Marengo River	Not Assigned	11.18	46.429297	-90.849048	Mainline ROW	N/A	Direct Bore	N/A	No	--	--	--	Marengo River	Intermittent	1	No	A	No	No	Yes	Mar 1 - Jun 15
263	Wase1055f	Wetland	N/A	-	11.19	46.428894	-90.848824	Mainline ROW	N/A	Direct Bore	Floodplain Forest	No	0.22	0.22	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
264	sase1020p	Waterbody	Marengo River	2911900	11.40	46.426360	-90.847420	Mainline ROW	N/A	Direct Bore	N/A	No	--	--	--	Marengo River	Perennial	50	No	N/A	No	No	Yes	Sep 15 - May 15
265	sase1021e	Waterbody	UNT of Marengo River	Not Assigned	11.41	46.426176	-90.847383	Mainline ROW	N/A	Direct Bore	N/A	No	--	--	--	Marengo River	Ephemeral	1	No	A	No	No	Yes	Sep 15 - May 15
266	Wase1008e	Wetland	N/A	-	11.95	46.421342	-90.840518	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Marengo River	Ephemeral	1	No	A	No	Yes	Mar 1 - Jun 15	
267	sase1011i	Waterbody	UNT of Marengo River	5002299	12.43	46.421313	-90.830559	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Marengo River	Intermittent	5	No	A	No	Yes	Mar 1 - Jun 15	
268	Wase1044e	Wetland	N/A	-	12.43	46.421236	-90.830419	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
269	Wase1045e	Wetland	N/A	-	12.51	46.421222	-90.828951	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.03	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
270	Wase1045e	Wetland	N/A	-	12.53	46.421186	-90.828512	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
271	Wase1045e	Wetland	N/A	-	12.56	46.421052	-90.828010	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
272	Wase1050e	Wetland	N/A	-	12.58	46.420956	-90.827538	Mainline ROW	N/A	Trench	Sedge Meadow	No	0.09	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
273	Wase1052e	Wetland	N/A	-	12.60	46.420627	-90.827220	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
274	Wase1053e	Wetland	N/A	-	12.61	46.420784	-90.826957	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
275	Wase1053e	Wetland	N/A	-	12.62	46.420712	-90.826780	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
276	Wase1049s	Wetland	N/A	-	12.67	46.420156	-90.826031	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.66	0.40	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
277	sase1015i	Waterbody	UNT of Marengo River	5002282	12.75	46.419458	-90.824654	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Marengo River	Intermittent	2	No	A	No	Yes	Mar 1 - Jun 15	
278	Wase1051e	Wetland	N/A	-	12.83	46.420067	-90.819302	Access Road	024	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
279	WDH-15	Waterbody	UNT of Marengo River	3000115	13.26	46.412517	-90.822521	Mainline ROW	N/A	OCDC	N/A	No	--	--	--	Marengo River	Intermittent	<10 feet <sup>o</sup>	No	A	No	Yes	Mar 1 - Jun 15	
280	sasd1020e	Waterbody	UNT of Marengo River	Not Assigned	13.61	46.406745	-90.826549	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Ephemeral	1	No	A	No	No	Yes	Mar 1 - Jun 15
281	sasd1020p	Waterbody	UNT of Marengo River	5002283	13.61	46.406521	-90.826439	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Perennial	8	No	A	No	No	Yes	Mar 1 - Jun 15
282	Wase1050f	Wetland	N/A	-	13.61	46.406460	-90.826510	Mainline ROW	N/A	N/A	Floodplain Forest	No	0.07	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
283	Wase1050f	Wetland	N/A	-	13.62	46.406564	-90.826351	Mainline ROW	N/A	N/A	Floodplain Forest	No	0.10	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
284	Wase1054s	Wetland	N/A	-	13.64	46.407021	-90.821001	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.03	0.02	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
285	sase1023e	Waterbody	UNT of Brunswiler River	Not Assigned	13.64	46.406470	-90.824970	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Ephemeral	2	No	A	No	No	Yes	Mar 1 - Jun 15
286	Wase1060e	Wetland	N/A	-	13.65	46.406891	-90.820962	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.03	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
287	Wase1060f	Wetland	N/A	-	13.66	46.406342	-90.820927	Mainline ROW	N/A	Trench	Hardwood Swamp	No	1.83	0.34	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
288	Wase1059f	Wetland	N/A	-	13.66	46.406343	-90.822978	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.21	--	--	Marengo River	N/A	N/A	N/A	N/A	N/A	No	Yes	Mar 1 - Jun 15
289	Wase1060f	Wetland	N/A	-	13.77	46.406121	-90.819357	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.10	--										

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWB Width (feet) <sup>h</sup>	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
343	was1021e	Wetland	N/A	-	15.79	46.398123	-90.782335	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.09	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
344	was1014f	Wetland	N/A	-	15.85	46.397624	-90.781632	Mainline ROW	N/A	Trench	Floodplain Forest	No	0.04	0.02	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
345	sasc1003p_x1	Waterbody	UNT of Trout Brook	2914000	15.86	46.397620	-90.781587	Mainline ROW	N/A	DC	N/A	No	--	--	--	Marengo River	Perennial	8	No	B	Yes	Yes	Sep 15 - May 15
346	was1014f	Wetland	N/A	-	15.86	46.397565	-90.781429	Mainline ROW	N/A	Trench	Floodplain Forest	No	0.17	0.10	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
347	sasc1003p_x2	Waterbody	UNT of Trout Brook	2914000	15.87	46.397403	-90.781355	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Perennial	8	No	A	No	No	Sep 15 - May 15
348	was1012e	Wetland	N/A	-	15.92	46.397229	-90.780278	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
349	was1013e	Wetland	N/A	-	15.92	46.397106	-90.780447	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.03	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
350	sasc1001i	Waterbody	UNT of Trout Brook	Not Assigned	15.98	46.396264	-90.779806	Access Road	029	N/A	N/A	No	--	--	--	Marengo River	Intermittent	5	Culvert <sup>h</sup>	A	No	No	Mar 1 - Jun 15
351	was1011s	Wetland	N/A	-	15.99	46.396160	-90.779314	Access Road	029	N/A	Shrub-Carr	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
352	was1011e	Wetland	N/A	-	15.99	46.396113	-90.779172	Access Road	029	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
353	was1011s	Wetland	N/A	-	15.99	46.396117	-90.779158	Access Road	029	N/A	Shrub-Carr	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
354	was1010e	Wetland	N/A	-	15.99	46.396079	-90.779294	Access Road	029	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
355	was1010e	Wetland	N/A	-	16.00	46.395720	-90.779912	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.18	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
356	was1010s	Wetland	N/A	-	16.01	46.396003	-90.779090	Access Road	029	N/A	Shrub-Carr	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
357	was1010s	Wetland	N/A	-	16.01	46.395921	-90.778906	Access Road	029	N/A	Shrub-Carr	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
358	was1007e	Wetland	N/A	-	16.03	46.395731	-90.778202	Access Road	029	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
359	was1008e	Wetland	N/A	-	16.03	46.395810	-90.777946	Access Road	029	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
360	was1010s	Wetland	N/A	-	16.05	46.395518	-90.779890	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.11	0.05	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
361	was1010e	Wetland	N/A	-	16.09	46.394652	-90.779812	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.06	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
362	was1010e	Wetland	N/A	-	16.10	46.394735	-90.779085	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
363	was1010e	Wetland	N/A	-	16.10	46.394669	-90.779098	Permanent Access	MLV 5	N/A	Fresh (Wet) Meadow	No	0.00	--	0.00	Marengo River	N/A	N/A	N/A	N/A	No	No	
364	was1010s	Wetland	N/A	-	16.10	46.394645	-90.779112	Permanent Access	MLV 5	N/A	Shrub-Carr	No	0.00	--	0.00	Marengo River	N/A	N/A	N/A	N/A	No	No	
365	was1010s	Wetland	N/A	-	16.10	46.394271	-90.779569	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.79	0.24	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
366	was1010e	Wetland	N/A	-	16.10	46.394629	-90.779080	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
367	was1010s	Wetland	N/A	-	16.10	46.394613	-90.779098	Mainline ROW	N/A	N/A	Shrub-Carr	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
368	was1010e	Wetland	N/A	-	16.13	46.394077	-90.779198	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
369	was1010e	Wetland	N/A	-	16.14	46.393995	-90.779764	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.07	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
370	was1047e	Wetland	N/A	-	16.17	46.393530	-90.779798	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.04	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
371	was1006e	Wetland	N/A	-	16.20	46.393192	-90.779802	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.04	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
372	was1005e	Wetland	N/A	-	16.33	46.391586	-90.779357	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.05	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
373	was1002e	Wetland	N/A	-	16.37	46.391302	-90.778394	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.07	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
374	was1002e	Wetland	N/A	-	16.40	46.391125	-90.777972	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
375	was1038e	Wetland	N/A	-	16.40	46.391195	-90.777783	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
376	was1037e	Wetland	N/A	-	16.40	46.391022	-90.777775	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
377	was1039e	Wetland	N/A	-	16.44	46.390879	-90.777054	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.08	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
378	was1041f	Wetland	N/A	-	16.57	46.390506	-90.774490	Mainline ROW	N/A	HDD	Floodplain Forest	No	0.09	0.09	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
379	sasc1012p	Waterbody	Trout Brook	2913900	16.58	46.390449	-90.774182	Mainline ROW	N/A	HDD	N/A	No	--	--	--	Marengo River	Perennial	30	No	A	No	No	Sep 15 - May 15
380	was1041f	Wetland	N/A	-	16.59	46.390315	-90.773386	Mainline ROW	N/A	HDD	Floodplain Forest	No	0.27	0.27	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
381	was1046e	Wetland	N/A	-	16.74	46.388994	-90.770956	Mainline ROW	N/A	HDD	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
382	was1045f	Wetland	N/A	-	16.77	46.389784	-90.770480	Mainline ROW	N/A	N/A	Floodplain Forest	No	0.00	0.00	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
383	sasc1014p_x1	Waterbody	UNT of Billy Creek	5002430	16.77	46.389808	-90.770417	Mainline ROW	N/A	HDD	N/A	No	0.00	0.00	--	Marengo River	Perennial	4	No	A	No	No	Sep 15 - May 15
384	was1045f	Wetland	N/A	-	16.77	46.389828	-90.770387	Mainline ROW	N/A	N/A	Floodplain Forest	No	0.00	0.00	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
385	was1045f	Wetland	N/A	-	16.77	46.389791	-90.770382	Mainline ROW	N/A	HDD	Floodplain Forest	No	0.01	0.01	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
386	was1045e	Wetland	N/A	-	16.77	46.389154	-90.770597	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.08	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
387	sasc1014p_x2	Waterbody	UNT of Billy Creek	5002430	16.77	46.389179	-90.770495	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Perennial	4	No	A	No	No	Sep 15 - May 15
388	was1045e	Wetland	N/A	-	16.78	46.389173	-90.770427	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.07	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
389	was1044s	Wetland	N/A	-	16.81	46.389656	-90.769572	Mainline ROW	N/A	HDD	Shrub-Carr	No	0.04	0.04	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
390	was1042e	Wetland	N/A	-	16.90	46.389541	-90.767733	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
391	was1043e	Wetland	N/A	-	16.90	46.389280	-90.767734	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
392	sasc028e	Waterbody	UNT of Billy Creek	Not Assigned	16.91	46.389075	-90.767586	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Ephemeral	2	No	A	No	No	Mar 1 - Jun 15
393	was034e	Wetland	N/A	-	16.93	46.389057	-90.766850	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.11	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
394	sasc028e	Waterbody	UNT of Billy Creek	5002381	16.94	46.389091	-90.766824	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	Marengo River	Ephemeral	2	No	A	No	Yes	Sep 15 - May 15
395	was034e	Wetland	N/A	-	16.94	46.389141	-90.766815	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.07	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
396	was1001e	Wetland	N/A	-	17.01	46.389721	-90.765383	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
397	was1002e	Wetland	N/A	-	17.04	46.388498	-90.764752	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
398	was032e	Wetland	N/A	-	17.08	46.389104	-90.763893	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.16	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
399	sasc025i	Waterbody	UNT of Billy Creek	5002382	17.09	46.389106	-90.763784	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	Marengo River	Intermittent	2	No	A	No	Yes	Sep 15 - May 15
400	was032e	Wetland	N/A	-	17.09	46.389115	-90.763775	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
401	sasb1001e	Waterbody	UNT of Billy Creek	Not Assigned	17.10	46.388404	-90.763658	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Ephemeral	2	No	A	No	No	Sep 15 - May 15
402	was032e	Wetland	N/A	-	17.12	46.388167	-90.763092	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
403	sasb1002i	Waterbody	UNT of Billy Creek	5002382	17.12	46.387852	-90.762994	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Intermittent	2	No	A	No	No	Sep 15 - May 15
404	was032e	Wetland	N/A	-	17.12	46.388160	-90.763063	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
405	sasc025i	Waterbody	UNT of Billy Creek	5002382	17.15	46.387719	-90.763501	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Intermittent	3	No	A	No	No	Sep 15 - May 15
406	sasb1000e	Waterbody	UNT of Billy Creek	Not Assigned	17.16	46.387474	-90.762602	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Ephemeral	2	No	A	No	No	Sep 15 - May 15
407	was1004f	Wetland	N/A	-	17.23	46.386945	-90.761091	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.06	--	--	Marengo River	N/A	N/A	N/A	N/A	No	No	
408	sasb1007e	Waterbody	UNT of Billy Creek																				

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBIC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>e</sup>	Temporary Wetland Impacts (acres) <sup>f</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWM Width <sup>h</sup> (feet)	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
457	was1034f	Wetland	N/A	-	19.84	46.372074	-90.718204	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.10	0.07	--	Marengo River	N/A	N/A	N/A	N/A			N/A
458	was1026e	Wetland	N/A	-	19.90	46.369897	-90.725285	Access Road	039	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
459	was1026e	Wetland	N/A	-	19.90	46.370200	-90.725389	Access Road	039	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
460	was1028f	Wetland	N/A	-	19.97	46.367044	-90.723741	Access Road	039	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
461	was1030e	Wetland	N/A	-	19.98	46.366562	-90.723171	Access Road	039	N/A	Fresh (Wet) Meadow	No	0.10	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
462	was1031f	Wetland	N/A	-	20.02	46.366165	-90.722104	Access Road	039	N/A	Hardwood Swamp	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
463	was139e	Wetland	N/A	-	20.10	46.372908	-90.711823	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.08	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
464	was139e	Wetland	N/A	-	20.11	46.372799	-90.711532	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
465	was1034f	Wetland	N/A	-	20.20	46.367530	-90.715964	Access Road	039	N/A	Hardwood Swamp	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
466	was1034e	Wetland	N/A	-	20.20	46.367492	-90.716073	Access Road	039	N/A	Sedge Meadow	No	0.08	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
467	was1034f	Wetland	N/A	-	20.20	46.367455	-90.715795	Access Road	039	N/A	Hardwood Swamp	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
468	was1034f	Wetland	N/A	-	20.21	46.367401	-90.715568	Access Road	039	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
469	sas1007p	Waterbody	Silver Creek	2912300	20.21	46.367422	-90.715413	Access Road	039	N/A	N/A	No	--	--	--	Marengo River	Perennial	25	Bridge <sup>h</sup>	B	Yes	No	Sep 15 - May 15
470	was1035f	Wetland	N/A	-	20.22	46.367354	-90.715218	Access Road	039	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
471	was006f	Wetland	N/A	-	20.30	46.366954	-90.712810	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.07	0.03	--	Marengo River	N/A	N/A	N/A	N/A			N/A
472	sas005p_x1	Waterbody	UNT of Silver Creek	2912500	20.61	46.364963	-90.707247	Access Road	043	N/A	N/A	No	--	--	--	Marengo River	Perennial	9	Bridge <sup>h</sup>	A	Yes	No	Sep 15 - May 15
473	sas005p_x2	Waterbody	UNT of Silver Creek	2912500	20.61	46.365449	-90.706777	Mainline ROW	N/A	DC	N/A	Yes	--	--	--	Marengo River	Perennial	9	No	A	No	Yes	Sep 15 - May 15
474	was010f	Wetland	N/A	-	20.68	46.364944	-90.705729	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
475	was010e	Wetland	N/A	-	20.75	46.364042	-90.704497	Access Road	045	N/A	Sedge Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
476	was010e	Wetland	N/A	-	20.82	46.362467	-90.704796	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
477	was009e	Wetland	N/A	-	20.82	46.362618	-90.704795	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
478	was013f	Wetland	N/A	-	20.84	46.363474	-90.702969	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.03	0.02	--	Marengo River	N/A	N/A	N/A	N/A			N/A
479	was008e	Wetland	N/A	-	20.84	46.360973	-90.704731	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
480	was007e	Wetland	N/A	-	20.84	46.360471	-90.705059	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
481	was007e	Wetland	N/A	-	20.85	46.360397	-90.705074	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
482	sas001p	Waterbody	UNT of Silver Creek	2912700	20.85	46.360400	-90.705066	Access Road	045	N/A	N/A	No	--	--	--	Marengo River	Perennial	1	Culvert <sup>h</sup>	A	No	No	Sep 15 - May 15
483	was006e	Wetland	N/A	-	20.85	46.360438	-90.704968	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
484	was007e	Wetland	N/A	-	20.85	46.360281	-90.705020	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
485	was006e	Wetland	N/A	-	20.85	46.360254	-90.704910	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
486	was003f	Wetland	N/A	-	20.86	46.359719	-90.704547	Access Road	045	N/A	Hardwood Swamp	Yes	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
487	was004e	Wetland	N/A	-	20.86	46.359404	-90.704346	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
488	was003e	Wetland	N/A	-	20.86	46.359320	-90.704363	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
489	was005e	Wetland	N/A	-	20.86	46.359758	-90.704675	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
490	was011f	Wetland	N/A	-	20.88	46.363446	-90.701937	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.09	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
491	was014f	Wetland	N/A	-	20.92	46.363410	-90.701199	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
492	was014f	Wetland	N/A	-	20.95	46.363346	-90.700700	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
493	sas002e	Waterbody	UNT of Silver Creek	Not Assigned	20.96	46.363137	-90.700494	Mainline ROW	N/A	OC/DC	N/A	Yes	--	--	--	Marengo River	Ephemeral	4	No	A	No	Yes	Mar 1 - Jun 15
494	was016f	Wetland	N/A	-	20.96	46.363132	-90.700399	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.01	0.01	--	Marengo River	N/A	N/A	N/A	N/A			N/A
495	was016e	Wetland	N/A	-	20.97	46.363021	-90.700295	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.00	0.00	--	Marengo River	N/A	N/A	N/A	N/A			N/A
496	was016e	Wetland	N/A	-	20.98	46.362969	-90.700142	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.10	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
497	was017e	Wetland	N/A	-	21.03	46.361941	-90.699353	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.25	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
498	was017e	Wetland	N/A	-	21.09	46.361640	-90.698880	Mainline ROW	N/A	Trench <sup>h</sup>	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
499	was001f	Wetland	N/A	-	21.10	46.358621	-90.703014	Access Road	045	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
500	was001e	Wetland	N/A	-	21.10	46.358641	-90.703030	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
501	was001f	Wetland	N/A	-	21.10	46.358657	-90.703055	Access Road	045	N/A	Hardwood Swamp	No	0.00	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
502	was002e	Wetland	N/A	-	21.10	46.358502	-90.703028	Access Road	045	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
503	was017e	Wetland	N/A	-	21.12	46.361296	-90.698660	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.27	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
504	was020e	Wetland	N/A	-	21.18	46.360690	-90.697645	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.02	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
505	was019e	Wetland	N/A	-	21.25	46.360345	-90.698483	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.39	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
506	was019f	Wetland	N/A	-	21.27	46.360210	-90.695874	Mainline ROW	N/A	Trench	Coniferous Swamp	Likely	0.16	0.09	--	Marengo River	N/A	N/A	N/A	N/A			N/A
507	sas004p	Waterbody	UNT of Silver Creek	5002512	21.28	46.360179	-90.695723	Mainline ROW	N/A	DC	N/A	Likely	--	--	--	Marengo River	Perennial	5	No	A	No	Yes	Mar 1 - Jun 15
508	was019f	Wetland	N/A	-	21.29	46.360041	-90.695207	Mainline ROW	N/A	Trench	Coniferous Swamp	Likely	0.58	0.32	--	Marengo River	N/A	N/A	N/A	N/A			N/A
509	sas006i	Waterbody	UNT of Silver Creek	Not Assigned	21.29	46.360244	-90.695468	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Marengo River	Intermittent	8	No	A	No	No	Mar 1 - Jun 15
510	sas006i	Waterbody	UNT of Silver Creek	Not Assigned	21.30	46.360166	-90.695453	Mainline ROW	N/A	OC/DC	N/A	Likely	--	--	--	Marengo River	Intermittent	8	No	A	No	Yes	Mar 1 - Jun 15
511	was019e1	Wetland	N/A	-	21.35	46.359881	-90.694467	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.19	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
512	was022e	Wetland	N/A	-	21.42	46.359559	-90.693093	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	Likely	0.01	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
513	was022e	Wetland	N/A	-	21.47	46.359421	-90.691749	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.52	--	--	Marengo River	N/A	N/A	N/A	N/A			N/A
514	was022e	Wetland	N/A	-	21.57																		

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWB Width (feet) <sup>h</sup>	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
571	was037e	Wetland	N/A	-	23.95	46.335474	-90.658673	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.03	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
572	was037e	Wetland	N/A	-	23.96	46.335617	-90.658471	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.01	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
573	was024e	Wetland	N/A	-	23.99	46.335456	-90.657741	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.02	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
574	was023e	Wetland	N/A	-	24.13	46.334877	-90.654807	Access Road	052	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
575	was023e	Wetland	N/A	-	24.15	46.334358	-90.654415	Access Road	052	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
576	was0104f	Wetland	N/A	-	24.15	46.334339	-90.654306	Access Road	054	N/A	Floodplain Forest	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
577	was0104e	Wetland	N/A	-	24.16	46.334474	-90.654418	Access Road	054	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
578	was015e	Wetland	N/A	-	24.17	46.335821	-90.654038	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
579	sas006p	Waterbody	Bad River	2891900	24.18	46.335998	-90.653993	Mainline ROW	N/A	HDD	N/A	No	--	--	--	Upper Bad River	Perennial	60	No	N/A	No	No	Sep 15 - May 15
580	was0100f	Wetland	N/A	-	24.19	46.335867	-90.652341	Mainline ROW	N/A	HDD	Floodplain Forest	No	0.46	0.46	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
581	was0005f	Wetland	N/A	-	24.34	46.335954	-90.650417	Mainline ROW	N/A	HDD	Floodplain Forest	No	0.11	0.11	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
582	was0005e	Wetland	N/A	-	24.37	46.335978	-90.649888	Mainline ROW	N/A	HDD	Sedge Meadow	No	0.08	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
583	was0003e	Wetland	N/A	-	24.43	46.335922	-90.648648	Access Road	055	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
584	was0003e	Wetland	N/A	-	24.43	46.336083	-90.648709	Mainline ROW	055	Trench	Fresh (Wet) Meadow	Likely	0.19	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
585	was0004e	Wetland	N/A	-	24.44	46.335116	-90.648247	Access Road	055	N/A	Fresh (Wet) Meadow	No	0.07	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
586	was0004s	Wetland	N/A	-	24.44	46.335026	-90.648258	Access Road	055	N/A	Alder Thicket	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
587	sas0100e	Waterbody	UNT of Bad River	Not Assigned	24.72	46.336890	-90.642978	Mainline ROW	N/A	OCDC	N/A	Yes	--	--	--	Upper Bad River	Ephemeral	1	No	A	No	Yes	Sep 15 - May 15
588	was025e	Wetland	N/A	-	24.96	46.334834	-90.638121	Access Road	058	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
589	was025e	Wetland	N/A	-	24.97	46.335005	-90.637874	Access Road	058	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
590	was026e	Wetland	N/A	-	24.97	46.335057	-90.637956	Access Road	058	N/A	Alder Thicket	No	0.04	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
591	was0008f	Wetland	N/A	-	25.14	46.336434	-90.634411	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.02	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
592	was0008f	Wetland	N/A	-	25.34	46.338162	-90.631048	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.10	0.05	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
593	sas0103f	Wetland	N/A	-	25.41	46.338362	-90.629606	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
594	sas01005e	Waterbody	UNT of Montreal Creek	Not Assigned	25.41	46.338230	-90.629550	Mainline ROW	N/A	OCDC	N/A	Yes	--	--	--	Upper Bad River	Ephemeral	1	No	A	No	Yes	Sep 15 - May 15
595	sas0101f	Wetland	N/A	-	25.49	46.338215	-90.627395	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.95	0.46	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
596	was0101f	Wetland	N/A	-	25.58	46.338592	-90.626254	Mainline ROW	N/A	N/A	Hardwood Swamp	Yes	0.02	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
597	was01009f	Wetland	N/A	-	25.72	46.340538	-90.625948	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.02	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
598	was0606e	Wetland	N/A	-	25.73	46.341610	-90.630522	Access Road	060	N/A	Fresh (Wet) Meadow	No	0.48	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
599	was0602e	Wetland	N/A	-	25.73	46.340881	-90.626862	Access Road	060	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
600	was058f	Wetland	N/A	-	25.86	46.341043	-90.623651	Access Road	061	N/A	Hardwood Swamp	No	0.02	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
601	was058f	Wetland	N/A	-	25.92	46.341372	-90.623365	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.13	0.06	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
602	was058f	Wetland	N/A	-	25.93	46.341226	-90.623249	Access Road	061	N/A	Hardwood Swamp	No	0.01	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
603	was058e	Wetland	N/A	-	25.94	46.341076	-90.623502	Access Road	061	N/A	Fresh (Wet) Meadow	No	0.51	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
604	was058f	Wetland	N/A	-	25.94	46.341693	-90.621988	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
605	was058f	Wetland	N/A	-	25.95	46.341717	-90.621815	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
606	was059e	Wetland	N/A	-	25.98	46.341902	-90.621122	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.13	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
607	was057f	Wetland	N/A	-	26.06	46.342685	-90.620016	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.30	0.13	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
608	was056f	Wetland	N/A	-	26.12	46.343605	-90.619905	Access Road	062	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
609	was056e	Wetland	N/A	-	26.14	46.343608	-90.619794	Access Road	062	N/A	Fresh (Wet) Meadow	No	0.14	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
610	was054e	Wetland	N/A	-	26.18	46.343882	-90.618397	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.04	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
611	was054s	Wetland	N/A	-	26.18	46.343977	-90.618336	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.03	0.01	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
612	was052e	Wetland	N/A	-	26.23	46.344380	-90.617136	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.17	--	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
613	was042f	Wetland	N/A	-	26.29	46.344975	-90.616741	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.07	0.05	--	Upper Bad River	N/A	N/A	N/A	N/A	No	No	N/A
614	was039f	Wetland	N/A	-	26.42	46.346316	-90.614830	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.01	0.00	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
615	was039f	Wetland	N/A	-	26.44	46.346531	-90.614599	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.03	0.02	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
616	was038f	Wetland	N/A	-	26.53	46.347509	-90.613314	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.02	0.00	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
617	was035f	Wetland	N/A	-	26.69	46.349201	-90.611448	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
618	sas0101i	Waterbody	UNT of Scott Taylor Creek	Not Assigned	26.69	46.349173	-90.610937	Mainline ROW	N/A	OCDC	N/A	Yes	--	--	--	Tyler Forks	Intermittent	4.5	No	A	No	Yes	Sep 15 - May 15
619	was032f	Wetland	N/A	-	26.84	46.350711	-90.608620	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.10	0.05	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
620	was030f	Wetland	N/A	-	27.02	46.351751	-90.605346	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
621	was0293f	Wetland	N/A	-	27.09	46.351914	-90.603928	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	0.00	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
622	was028f	Wetland	N/A	-	27.10	46.352195	-90.603740	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	0.00	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
623	was008i	Waterbody	UNT of Scott Taylor Creek	2923400	27.10	46.352130	-90.603642	Mainline ROW	N/A	OCDC	N/A	Yes	--	--	--	Tyler Forks	Intermittent	3	No	A	No	Yes	Sep 15 - May 15
624	was0282e	Wetland	N/A	-	27.10	46.352217	-90.603637	Mainline ROW	N/A	N/A	Hardwood Swamp	Yes	0.02	0.00	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
625	was029e	Wetland	N/A	-	27.12	46.352140	-90.603443	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
626	was044e	Wetland	N/A	-	27.18	46.353152	-90.602660	Access Road	063	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
627	was044e	Wetland	N/A	-	27.19	46.353297	-90.602709	Access Road	063	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
628	sas012e	Waterbody	UNT of Scott Taylor Creek	5002539	27.20	46.352992	-90.601853	Mainline ROW	N/A	OCDC	N/A	Yes	--	--	--	Tyler Forks	Ephemeral	1	No	A	No	Yes	Sep 15 - May 15
629	was045f3	Wetland	N/A	-	27.26	46.353518	-90.601245	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
630	was045f3	Wetland	N/A	-	27.27	46.353687	-90.601131	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
631	was0481e	Wetland	N/A	-	27.31	46.354348	-90.600760	Mainline ROW	N/A	Trench	Alder Thicket	Yes	0.41	0.23	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
632	was048e	Wetland	N/A	-	27.34	46.354640	-90.600708	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.06	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
633	was067e	Wetland	N/A	-	27.39	46.356107	-90.605369	Access Road	063	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
634	was048e	Wetland	N/A	-	27.39	46.355445	-90.600408	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Yes	0.56	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A
635	was066e	Wetland	N/A	-	27.40	46.356251	-90.605470	Access Road	063	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWM Width <sup>h</sup> (feet)	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates	
685	was011	Waterbody	UNT of Gehman Creek	5002476	28.67	46.366545	-90.582589	Mainline ROW	N/A	OC/DC	N/A	Likely	--	--	--	Tyler Forks	Intermittent	4	No	A	No	Yes	Sep 15 - May 15	
686	was023ss	Wetland	N/A	-	28.67	46.366528	-90.582597	Mainline ROW	N/A	Trench	Alder Thicket	Likely	0.30	0.16	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	No	
687	was010	Waterbody	UNT of Gehman Creek	Not Assigned	28.68	46.368164	-90.583090	Access Road	069	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	N/A	No	A	No	No	Sep 15 - May 15	
688	was008_x1	Waterbody	Gehman Creek	2923500	28.71	46.368075	-90.582360	Access Road	069	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	5	Culvert <sup>+</sup>	A	No	No	Sep 15 - May 15	
689	was009_x1	Waterbody	UNT of Gehman Creek	2923500	28.73	46.368076	-90.581886	Access Road	069	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	4	No	A	No	No	Sep 15 - May 15	
690	was009_x2	Waterbody	UNT of Gehman Creek	2923500	28.77	46.368027	-90.581444	Access Road	069	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	4	No	A	No	No	Sep 15 - May 15	
691	was024f	Wetland	N/A	-	28.77	46.366959	-90.580621	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.13	0.06	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
692	was007	Waterbody	UNT of Gehman Creek	2923500	28.78	46.367998	-90.581464	Access Road	069	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	5	No	A	No	No	Sep 15 - May 15	
693	was008_x2	Waterbody	Gehman Creek	2923500	28.79	46.367897	-90.580497	Access Road	069	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	5	Culvert <sup>+</sup>	A	No	No	Sep 15 - May 15	
694	was014e	Wetland	N/A	-	28.80	46.367952	-90.580770	Access Road	069	N/A	Sedge Meadow	No	0.03	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
695	was015e	Wetland	N/A	-	28.88	46.367639	-90.578593	Access Road	069	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
696	was015e	Wetland	N/A	-	28.89	46.367552	-90.578342	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	Likely	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
697	was019f	Wetland	N/A	-	29.23	46.370256	-90.572242	Mainline ROW	N/A	Trench	Hardwood Swamp	Likely	0.20	0.14	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
698	was021f	Wetland	N/A	-	29.38	46.371899	-90.569318	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	1.12	0.60	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
699	was027e_c	Wetland	N/A	-	29.45	46.373000	-90.569737	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.16	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
700	was021f	Wetland	N/A	-	29.46	46.372455	-90.569108	Access Road	070	N/A	Hardwood Swamp	No	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
701	was021f	Wetland	N/A	-	29.46	46.373434	-90.570117	Access Road	070	N/A	N/A	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
702	was027e_b	Wetland	N/A	-	29.47	46.373716	-90.570421	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.03	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
703	was027e_b	Wetland	N/A	-	29.47	46.373761	-90.570375	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.05	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
704	was027e_a	Wetland	N/A	-	29.48	46.374164	-90.570738	Access Road	070	N/A	N/A	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
705	was027e	Wetland	N/A	-	29.48	46.374638	-90.570630	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.05	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
706	was025f	Wetland	N/A	-	29.50	46.373135	-90.567640	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	1.05	0.55	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
707	was027e	Wetland	N/A	-	29.50	46.374442	-90.570658	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
708	was027e_d	Wetland	N/A	-	29.51	46.374682	-90.570689	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
709	was027e_d	Wetland	N/A	-	29.51	46.375725	-90.570625	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.11	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
710	was027e	Wetland	N/A	-	29.55	46.375373	-90.570599	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
711	was027e	Wetland	N/A	-	29.55	46.375997	-90.570532	Access Road	070	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
712	was026f	Wetland	N/A	-	29.59	46.373781	-90.566767	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.36	0.18	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
713	was012f	Wetland	N/A	-	29.77	46.375525	-90.564016	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.29	0.13	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
714	was013s	Wetland	N/A	-	29.79	46.377237	-90.563511	Mainline ROW	N/A	Trench	Shrub-Carr	Yes	0.61	0.25	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
715	was005	Waterbody	Camp Four Creek	2923600	29.81	46.375803	-90.563281	Mainline ROW	N/A	OC/DC	N/A	Yes	0.90	0.40	--	Tyler Forks	Intermittent	6	No	B	Yes	Yes	Sep 15 - May 15	
716	was012f	Wetland	N/A	-	29.86	46.376159	-90.562598	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.90	0.40	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
717	was006	Waterbody	UNT of Camp Four Creek	Not Assigned	29.87	46.376232	-90.562354	Mainline ROW	N/A	OC/DC	N/A	Yes	--	--	--	Tyler Forks	Ephemeral	1	No	A	No	Yes	Sep 15 - May 15	
718	was010f	Wetland	N/A	-	29.88	46.377772	-90.563435	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
719	was003	Waterbody	Camp Four Creek	2923600	29.88	46.377736	-90.563309	Access Road	071	N/A	N/A	No	--	--	--	Tyler Forks	Intermittent	4	No	B	Yes	No	Sep 15 - May 15	
720	was011f	Wetland	N/A	-	29.88	46.377699	-90.563255	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
721	was010f	Wetland	N/A	-	29.89	46.377772	-90.563287	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
722	was011f	Wetland	N/A	-	29.89	46.377698	-90.563053	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
723	was011f	Wetland	N/A	-	29.90	46.377700	-90.562964	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
724	was010f	Wetland	N/A	-	29.91	46.377784	-90.562725	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
725	was010f	Wetland	N/A	-	29.91	46.377385	-90.562690	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
726	was011f	Wetland	N/A	-	29.93	46.377714	-90.562378	Access Road	071	N/A	Floodplain Forest	No	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
727	was011f	Wetland	N/A	-	29.96	46.377721	-90.561632	Access Road	071	N/A	Floodplain Forest	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
728	was012f	Wetland	N/A	-	29.96	46.377256	-90.560276	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	1.65	0.65	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
729	was011f	Wetland	N/A	-	29.96	46.377719	-90.561301	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
730	was011f	Wetland	N/A	-	29.97	46.377727	-90.561052	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
731	was011f	Wetland	N/A	-	29.98	46.377726	-90.560920	Access Road	071	N/A	Floodplain Forest	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
732	was012f	Wetland	N/A	-	30.01	46.377689	-90.560256	Access Road	071	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
733	was011f	Wetland	N/A	-	30.01	46.377730	-90.560434	Access Road	071	N/A	Floodplain Forest	No	0.03	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
734	was009e	Wetland	N/A	-	30.01	46.377745	-90.562927	Access Road	071	N/A	Fresh (Wet) Meadow	No	0.87	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
735	was011f	Wetland	N/A	-	30.03	46.377724	-90.560958	Mainline ROW	N/A	N/A	Floodplain Forest	No	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
736	was009e	Wetland	N/A	-	30.04	46.377819	-90.559717	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.15	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
737	was0105e	Wetland	N/A	-	30.27	46.377724	-90.553789	Access Road	072	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
738	was0105e	Wetland	N/A	-	30.36	46.377631	-90.551482	Access Road	072	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
739	was0105e	Wetland	N/A	-	30.39	46.377716	-90.549974	Access Road	072	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
740	was0107s	Wetland	N/A	-	30.47	46.377653	-90.549061	Access Road	072	N/A	Shrub-Carr	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	N/A	
741	wirb027f	Wetland	N/A	-	30.66	46.382228	-90.547988	Mainline ROW																

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBIC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWM Width (feet) <sup>h</sup>	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
799	wir028e	Wetland	N/A	-	31.97	46.39903	-90.540869	Access Road	075	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
800	wir011f	Wetland	N/A	-	31.97	46.399025	-90.539602	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	0.00	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
801	sirc008e_x2	Waterbody	Ditch	Not Assigned	31.99	46.403331	-90.545246	Access Road	076	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	2	No	A	No	No	Sep 15 - May 15
802	sirc006e_x1	Waterbody	Ditch	Not Assigned	31.99	46.403365	-90.545271	Access Road	076	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	2	Culvert <sup>+</sup>	A	No	No	Sep 15 - May 15
803	sirc006e_x2	Waterbody	Ditch	Not Assigned	31.99	46.403457	-90.545099	Access Road	076	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	2	No	A	No	No	Sep 15 - May 15
804	sirc007e	Waterbody	Ditch	Not Assigned	31.99	46.403517	-90.545132	Access Road	076	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	1	No	A	No	No	Sep 15 - May 15
805	sirc002e_x1	Waterbody	Ditch	Not Assigned	32.02	46.403630	-90.544868	Access Road	076	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	2	No	A	No	No	Sep 15 - May 15
806	sirc002e_x2	Waterbody	Ditch	Not Assigned	32.05	46.403827	-90.544677	Access Road	076	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	2	Culvert <sup>+</sup>	A	No	No	Sep 15 - May 15
807	wir023f	Wetland	N/A	-	32.06	46.401126	-90.538610	Access Road	075	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
808	wir023f	Wetland	N/A	-	32.06	46.401128	-90.538505	Access Road	075	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
809	was004e	Wetland	N/A	-	32.09	46.407207	-90.548961	Access Road	079	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
810	wir023f	Wetland	N/A	-	32.09	46.400335	-90.538132	Mainline ROW	N/A	N/A	Hardwood Swamp	Yes	0.17	0.02	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
811	was004e	Wetland	N/A	-	32.09	46.407450	-90.548983	Access Road	079	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
812	was01049e	Wetland	N/A	-	32.13	46.409333	-90.550966	Access Road	079	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
813	was0044s	Wetland	N/A	-	32.14	46.409528	-90.551483	Access Road	082	N/A	Alder Thicket	No	0.04	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
814	wir002f	Wetland	N/A	-	32.15	46.404786	-90.543371	Access Road	076	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
815	sire001i	Waterbody	UNT of Tyler Forks	Not Assigned	32.15	46.404806	-90.543384	Access Road	076	N/A	N/A	No	--	--	--	Tyler Forks	Intermittent	3	Culvert <sup>+</sup>	A	No	No	Sep 15 - May 15
816	wir002f	Wetland	N/A	-	32.15	46.404809	-90.543344	Access Road	076	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
817	was0044s	Wetland	N/A	-	32.16	46.409664	-90.550939	Access Road	082	N/A	Alder Thicket	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
818	was0036f	Wetland	N/A	-	32.17	46.409182	-90.549618	Access Road	079	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
819	wir003f	Wetland	N/A	-	32.18	46.405139	-90.542935	Access Road	076	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
820	wir023f	Wetland	N/A	-	32.19	46.401398	-90.536563	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.09	0.04	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
821	wir045e	Wetland	N/A	-	32.21	46.402847	-90.538413	Access Road	076	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
822	wir015f	Wetland	N/A	-	32.22	46.396918	-90.528681	Access Road	074	N/A	Hardwood Swamp	No	0.04	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
823	WDH-104	Waterbody	Feldcher Creek	2923800	32.22	46.396941	-90.528659	Access Road	074	N/A	N/A	No	--	--	--	Tyler Forks	Intermittent	<10 feet <sup>o</sup>	No	A	No	No	Sep 15 - May 15
824	wir048f	Wetland	N/A	-	32.46	46.401278	-90.528277	Access Road	074	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
825	sird010e_x1	Waterbody	UNT of Feldcher Creek	Not Assigned	32.46	46.403659	-90.531204	Access Road	077	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	7	No	A	No	No	Sep 15 - May 15
826	wir048f	Wetland	N/A	-	32.46	46.401442	-90.528321	Access Road	074	N/A	Hardwood Swamp	No	0.03	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
827	wir049e	Wetland	N/A	-	32.46	46.402195	-90.528049	Access Road	074	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
828	wir048e	Wetland	N/A	-	32.46	46.401482	-90.528252	Access Road	074	N/A	Shallow Marsh	No	0.02	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
829	wir048f	Wetland	N/A	-	32.46	46.401542	-90.528216	Access Road	074	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
830	wir052f	Wetland	N/A	-	32.47	46.403853	-90.530010	Access Road	074	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
831	wir025f	Wetland	N/A	-	32.52	46.405086	-90.532706	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
832	wir0102f	Wetland	N/A	-	32.55	46.405498	-90.534266	Access Road	078	N/A	Hardwood Swamp	No	0.08	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
833	wir0104f	Wetland	N/A	-	32.59	46.405937	-90.537692	Access Road	078	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
834	sird010e_x2	Waterbody	UNT of Feldcher Creek	Not Assigned	32.64	46.406819	-90.531705	Access Road	077	N/A	N/A	No	--	--	--	Tyler Forks	Ephemeral	7	No	A	No	No	Sep 15 - May 15
835	was0044s	Wetland	N/A	-	32.65	46.409784	-90.550891	Access Road	082	N/A	Alder Thicket	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
836	was0044s	Wetland	N/A	-	32.66	46.409888	-90.550551	Access Road	082	N/A	Alder Thicket	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
837	was0044s	Wetland	N/A	-	32.67	46.410010	-90.550333	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
838	wir026f	Wetland	N/A	-	32.69	46.407428	-90.532350	Mainline ROW	N/A	Trench	Hardwood Swamp	Yes	0.19	0.11	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
839	was0044s	Wetland	N/A	-	32.69	46.410180	-90.550037	Access Road	082	N/A	Alder Thicket	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
840	was0044s	Wetland	N/A	-	32.70	46.410194	-90.550155	Access Road	082	N/A	Alder Thicket	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
841	was0044e	Wetland	N/A	-	32.70	46.409938	-90.550533	Access Road	082	N/A	Fresh (Wet) Meadow	No	0.24	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
842	was0044s	Wetland	N/A	-	32.72	46.410447	-90.549567	Access Road	082	N/A	Alder Thicket	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
843	wir035s	Wetland	N/A	-	32.73	46.412436	-90.545805	Access Road	082	N/A	Alder Thicket	No	0.05	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
844	wir036s	Wetland	N/A	-	32.74	46.412785	-90.543489	Access Road	082	N/A	Alder Thicket	No	0.49	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
845	wir0127s	Wetland	N/A	-	32.77	46.412843	-90.541039	Access Road	082	N/A	Shrub-Carr	No	0.12	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
846	wir027f	Wetland	N/A	-	32.79	46.408849	-90.531351	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.17	0.09	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
847	wir027f	Wetland	N/A	-	32.83	46.409369	-90.530709	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.30	0.19	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
848	wir057f	Wetland	N/A	-	32.83	46.412820	-90.537159	Access Road	082	N/A	Hardwood Swamp	No	0.04	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
849	wir056f	Wetland	N/A	-	32.85	46.412823	-90.534969	Access Road	082	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
850	wir027s	Wetland	N/A	-	32.88	46.409681	-90.530010	Mainline ROW	N/A	Trench	Shrub-Carr	No	0.03	0.01	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
851	wir027f	Wetland	N/A	-	32.89	46.410079	-90.529501	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.80	0.42	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
852	wir055s	Wetland	N/A	-	32.91	46.412843	-90.533254	Access Road	082	N/A	Shrub-Carr	No	0.06	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
853	wir054s	Wetland	N/A	-	32.96	46.412898	-90.531510	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
854	wir054s	Wetland	N/A	-	32.96	46.412893	-90.531463	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
855	wir054s	Wetland	N/A	-	32.97	46.412899	-90.531223	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
856	wir027f	Wetland	N/A	-	32.97	46.410650	-90.528730	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
857	wir054s	Wetland	N/A	-	32.97	46.412889	-90.531125	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
858	wir054s	Wetland	N/A	-	32.98	46.412899	-90.531054	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
859	wir054s	Wetland	N/A	-	32.98	46.412898	-90.530918	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
860	wir027f	Wetland	N/A	-	32.98	46.410882	-90.527843	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.96	0.52	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
861	wir054s	Wetland	N/A	-	33.00	46.412890	-90.530820	Access Road	082	N/A	Alder Thicket	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
862	wir054s	Wetland	N/A	-	33.00	46.412894	-90.530360	Access Road	082	N/A	Alder Thicket	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
863	wir054e	Wetland	N/A	-	33.00	46.412858	-90.531386	Access Road	082	N/A	Sedge Meadow	No	0.42	--	--	Tyler Forks	N/A	N/A	N/A	N/A	No	No	
864	wir027f	Wetland	N/A	-	33.00	46.411111	-90.528185	Access Road	081	N/A													

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBIC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWB Width (feet) <sup>h</sup>	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
913	wirc019f	Wetland	N/A	-	34.46	46.424061	-90.504562	Access Road	084	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
914	wirc045e	Wetland	N/A	-	34.46	46.420689	-90.498739	Access Road	084	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
915	wirc019e	Wetland	N/A	-	34.47	46.424205	-90.504711	Access Road	084	N/A	Fresh (Wet) Meadow	No	0.45	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
916	wirc019f	Wetland	N/A	-	34.47	46.425279	-90.505380	Access Road	084	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
917	wirc019f	Wetland	N/A	-	34.47	46.424989	-90.505030	Access Road	084	N/A	Hardwood Swamp	No	0.03	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
918	wirc019f	Wetland	N/A	-	34.47	46.424700	-90.504788	Access Road	084	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
919	wirc019f	Wetland	N/A	-	34.47	46.424807	-90.504981	Access Road	084	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
920	wirc019f	Wetland	N/A	-	34.47	46.425272	-90.505551	Access Road	084	N/A	Hardwood Swamp	No	0.01	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
921	wirc019f	Wetland	N/A	-	34.47	46.425216	-90.505420	Access Road	084	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
922	wirc019f	Wetland	N/A	-	34.47	46.424523	-90.504628	Access Road	084	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
923	wirc019f	Wetland	N/A	-	34.47	46.424292	-90.504490	Access Road	084	N/A	Hardwood Swamp	No	0.03	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
924	wirc019f	Wetland	N/A	-	34.47	46.424724	-90.504921	Access Road	084	N/A	Hardwood Swamp	No	0.00	--	--	Tyler Forks	N/A	N/A	N/A	N/A	N/A	N/A	N/A
925	wirc1022f	Wetland	N/A	-	34.79	46.432133	-90.507769	Mainline ROW	N/A	N/A	Hardwood Swamp (Vernal Subtype)	No	0.04	0.01	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
926	wirc1019f	Wetland	N/A	-	34.88	46.433032	-90.506082	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.58	0.31	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
927	wirc014f	Wetland	N/A	-	35.08	46.434797	-90.502986	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.22	0.12	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
928	wirc014e	Wetland	N/A	-	35.10	46.434968	-90.502747	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.04	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
929	wira017f	Wetland	N/A	-	35.10	46.435084	-90.502827	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
930	wira017e	Wetland	N/A	-	35.11	46.435054	-90.502605	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.03	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
931	wirc1016f	Wetland	N/A	-	35.29	46.437015	-90.500267	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.48	0.25	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
932	wirc006f	Wetland	N/A	-	35.48	46.439208	-90.497886	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.07	0.00	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
933	wirc012e	Wetland	N/A	-	35.55	46.439766	-90.496688	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.05	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
934	wir0002	Waterbody	UNT of Potato River	Not Assigned	35.72	46.453841	-90.508244	Access Road	089	N/A	N/A	No	--	--	--	Potato River	Ephemeral	N/A	No	A	No	No	Sep 15 - May 15
935	wira008s	Wetland	N/A	-	35.90	46.443003	-90.499002	Mainline ROW	N/A	Trench	Alder Thicket	No	0.04	0.02	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
936	wira008e	Wetland	N/A	-	35.91	46.442861	-90.499060	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.01	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
937	wira008e	Wetland	N/A	-	35.91	46.442880	-90.499090	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
938	wira001i	Waterbody	UNT of Potato River	Not Assigned	35.91	46.442979	-90.499044	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	Potato River	Intermittent	6	No	A	No	Yes	Sep 15 - May 15
939	wira008s	Wetland	N/A	-	35.91	46.443025	-90.499772	Mainline ROW	N/A	Trench	Alder Thicket	No	0.07	0.04	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
940	wira008f	Wetland	N/A	-	35.93	46.443190	-90.499470	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.35	0.19	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
941	wirc1015e	Wetland	N/A	-	35.97	46.441753	-90.485625	Access Road	087	N/A	Fresh (Wet) Meadow	No	0.26	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
942	wirc1015e	Wetland	N/A	-	36.00	46.442476	-90.487649	Access Road	087	N/A	Fresh (Wet) Meadow	No	0.12	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
943	wira008f	Wetland	N/A	-	36.11	46.445389	-90.488071	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
944	wira008e	Wetland	N/A	-	36.12	46.445024	-90.487721	Access Road	087	N/A	Fresh (Wet) Meadow	No	0.04	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
945	wira008f	Wetland	N/A	-	36.12	46.445383	-90.488295	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.24	0.12	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
946	wira008f	Wetland	N/A	-	36.13	46.445254	-90.487676	Access Road	087	N/A	Hardwood Swamp	No	0.07	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
947	wira008e	Wetland	N/A	-	36.13	46.445952	-90.487165	Access Road	087	N/A	Fresh (Wet) Meadow	No	0.19	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
948	wira006e	Wetland	N/A	-	36.21	46.453408	-90.507703	Access Road	089	N/A	Fresh (Wet) Meadow	No	0.20	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
949	wira006e	Wetland	N/A	-	36.21	46.45126	-90.508438	Access Road	089	N/A	Fresh (Wet) Meadow	No	0.03	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
950	wira007e	Wetland	N/A	-	36.21	46.453245	-90.507118	Access Road	089	N/A	Fresh (Wet) Meadow	No	0.10	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
951	wira006e	Wetland	N/A	-	36.22	46.446746	-90.487313	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.06	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
952	wira006e	Wetland	N/A	-	36.24	46.446560	-90.486780	Access Road	087	N/A	Fresh (Wet) Meadow	No	0.07	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
953	wira006f	Wetland	N/A	-	36.27	46.447178	-90.486751	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.13	0.07	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
954	wirc1013e	Wetland	N/A	-	36.27	46.441162	-90.481887	Access Road	087	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
955	wira006f	Wetland	N/A	-	36.30	46.447008	-90.486467	Access Road	087	N/A	Hardwood Swamp	No	0.09	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
956	wira006f	Wetland	N/A	-	36.30	46.447593	-90.486159	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.09	0.03	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
957	wirc1013f	Wetland	N/A	-	36.32	46.444778	-90.481760	Access Road	087	N/A	Hardwood Swamp	No	0.05	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
958	wira006f	Wetland	N/A	-	36.39	46.448621	-90.484765	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.41	0.23	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
959	wira006f	Wetland	N/A	-	36.42	46.448675	-90.484167	Access Road	088	N/A	Hardwood Swamp	No	0.10	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
960	wirc1013e	Wetland	N/A	-	36.42	46.446338	-90.481420	Access Road	087	N/A	Fresh (Wet) Meadow	No	0.68	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
961	wirc1013f	Wetland	N/A	-	36.42	46.447646	-90.482528	Access Road	087	N/A	Hardwood Swamp	No	0.03	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
962	wira006f	Wetland	N/A	-	36.42	46.448581	-90.483779	Access Road	088	N/A	Hardwood Swamp	No	0.03	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
963	wira006e	Wetland	N/A	-	36.43	46.448558	-90.483518	Access Road	088	N/A	Fresh (Wet) Meadow	No	0.03	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
964	wirc1012e	Wetland	N/A	-	36.50	46.449397	-90.483483	Access Road	088	N/A	Fresh (Wet) Meadow	No	0.03	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
965	wir0001i	Waterbody	Coil Creek	3000151	36.55	46.454500	-90.489729	Access Road	089	N/A	N/A	No	--	--	--	Potato River	Intermittent	6	Bridge	A	No	No	Sep 15 - May 15
966	wir0001e	Wetland	N/A	-	36.55	46.454465	-90.489618	Access Road	089	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
967	wir0001e	Wetland	N/A	-	36.55	46.454467	-90.489801	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
968	wir0001e	Wetland	N/A	-	36.55	46.454554	-90.489773	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
969	wir0001e	Wetland	N/A	-	36.55	46.454454	-90.489746	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
970	wir0001e	Wetland	N/A	-	36.55	46.454478	-90.489800	Access Road	089	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
971	wir0001e	Wetland	N/A	-	36.55	46.454519	-90.489639	Access Road	089	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
972	wir0001e	Wetland	N/A	-	36.55	46.454538	-90.489627	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
973	wir0001e	Wetland	N/A	-	36.55	46.454434	-90.489587	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
974	wir0001e	Wetland	N/A	-	36.55	46.454550	-90.489700	Mainline ROW	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
975	wir0001e	Wetland	N/A	-	36.55	46.454532	-90.489901	Access Road	089	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
976	wira0001f	Wetland	N/A	-	36.57	46.450416	-90.482588	Access Road	088	N/A	Hardwood Swamp	No	0.20	--	--	Potato River	N/A	N/A	N/A	N/A	N/A	N/A	N/A
977	wira0001f	Wetland	N/A	-	36.58	46.450763	-90.483709	Mainline ROW	N/A	Trench	Hardwood Swamp</												

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBIC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWM Width <sup>h</sup> (feet)	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates	
1027	wird001f	Wetland	N/A	-	37.77	46.467698	-90.482012	Mainline ROW	N/A	HDD	Floodplain Forest	No	0.45	0.45	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	Sep 15 - May 15
1028	sird001p	Waterbody	Potato River	2906200	37.86	46.468641	-90.482145	Mainline ROW	N/A	HDD	N/A	No	--	--	--	Potato River	Perennial	40	No	N/A	No	No	N/A	Sep 15 - May 15
1029	wird016f	Wetland	N/A	-	37.93	46.469748	-90.482293	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.16	0.16	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1030	wird006f	Wetland	N/A	-	38.10	46.472117	-90.482577	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.09	0.06	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1031	wird007f	Wetland	N/A	-	38.17	46.473193	-90.482825	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.31	0.14	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1032	wird009f	Wetland	N/A	-	38.36	46.475968	-90.483227	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.28	0.13	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1033	wird009f	Wetland	N/A	-	38.43	46.476844	-90.483455	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.05	0.02	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1034	wird011f	Wetland	N/A	-	38.48	46.477879	-90.483466	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.36	0.18	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1035	wird015f	Wetland	N/A	-	38.59	46.479970	-90.483411	Mainline ROW	N/A	Trench	Hardwood Swamp	No	3.09	0.97	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1036	sird004e	Waterbody	UNT of Vaughn Creek	2906450	38.60	46.479311	-90.483346	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	Potato River	Ephemeral	3	No	A	No	Yes	Sep 15 - May 15	
1037	sird005e	Waterbody	UNT of Vaughn Creek	2906450	38.64	46.479955	-90.483730	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Potato River	Ephemeral	3	No	A	No	No	Sep 15 - May 15	
1038	sird006e	Waterbody	UNT of Vaughn Creek	Not Assigned	38.69	46.480680	-90.483780	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Potato River	Ephemeral	2	No	A	No	No	Sep 15 - May 15	
1039	wird015f	Wetland	N/A	-	38.69	46.480953	-90.483817	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.41	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1040	wird015f	Wetland	N/A	-	38.76	46.481586	-90.482921	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.13	0.08	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1041	wird015e	Wetland	N/A	-	38.78	46.481896	-90.482793	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.02	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1042	wird015e	Wetland	N/A	-	38.80	46.482072	-90.480812	Access Road	095	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1043	wird015e	Wetland	N/A	-	38.81	46.482115	-90.480159	Access Road	095	N/A	Fresh (Wet) Meadow	No	0.12	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1044	wirc1001e	Wetland	N/A	-	38.83	46.482172	-90.477727	Access Road	095	N/A	Fresh (Wet) Meadow	No	0.02	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1045	wird018f	Wetland	N/A	-	38.90	46.483705	-90.483136	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.03	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1046	sird009p	Waterbody	UNT of Vaughn Creek	2906500	39.00	46.484463	-90.484924	Mainline ROW	N/A	DC	N/A	No	--	--	--	Potato River	Perennial	2	No	A	Yes	Yes	Sep 15 - May 15	
1047	wird018e	Wetland	N/A	-	39.01	46.484378	-90.484925	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.14	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1048	wird018e	Wetland	N/A	-	39.01	46.484493	-90.484942	Mainline ROW	N/A	Trench	Fresh (Wet) Meadow	No	0.05	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1049	wird1008f	Wetland	N/A	-	39.04	46.484868	-90.485462	Mainline ROW	N/A	Trench	Hardwood Swamp	No	0.06	0.03	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1050	wird1009e	Wetland	N/A	-	39.09	46.485460	-90.485967	Mainline ROW	N/A	Trench	Seasonally Flooded Basin	No	0.11	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1051	wird1011f	Wetland	N/A	-	39.31	46.486625	-90.486397	Mainline ROW	N/A	N/A	Hardwood Swamp	No	0.01	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1052	sird011i	Waterbody	UNT of Vaughn Creek	Not Assigned	39.35	46.489276	-90.486802	Mainline ROW	N/A	N/A	N/A	No	--	--	--	Potato River	Intermittent	8	No	A	No	No	Mar 1 - Jun 15	
1053	wird030f	Wetland	N/A	-	39.40	46.489534	-90.486430	Mainline ROW	N/A	Trench/HDD	Hardwood Swamp	No	0.91	0.19	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1054	wira1009f	Wetland	N/A	-	39.44	46.490520	-90.486223	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.03	0.03	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1055	wira1008f	Wetland	N/A	-	39.49	46.491167	-90.486274	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.07	0.07	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1056	wira1007s	Wetland	N/A	-	39.56	46.492235	-90.486320	Mainline ROW	N/A	HDD	Alder Thicket	No	0.01	0.01	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1057	sird016p	Waterbody	Vaughn Creek	2906300	39.56	46.492380	-90.486344	Mainline ROW	N/A	HDD	N/A	No	--	--	--	Potato River	Perennial	10	No	N/A	No	No	N/A	Sep 15 - May 15
1058	wira1007s	Wetland	N/A	-	39.57	46.492340	-90.486369	Mainline ROW	N/A	HDD	Alder Thicket	No	0.03	0.03	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1059	wira1007f	Wetland	N/A	-	39.58	46.492479	-90.486365	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.04	0.04	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1060	wira1007f	Wetland	N/A	-	39.59	46.492684	-90.486378	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.01	0.01	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1061	wira1006f	Wetland	N/A	-	39.61	46.492943	-90.486368	Mainline ROW	N/A	HDD	Hardwood Swamp	No	0.01	0.01	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1062	WDH-107_x2 <sup>k</sup>	Waterbody	UNT of Vaughn Creek	5001801	39.79	46.495500	-90.488084	Access Road	099	N/A	N/A	No	--	--	--	Potato River	Intermittent	N/A <sup>l</sup>	No	A	No	No	Mar 1 - Jun 15	
1063	wirv009f	Wetland	N/A	-	39.79	46.495505	-90.488073	Access Road	099	N/A	Hardwood Swamp	No	0.02	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1064	wirv049e	Wetland	N/A	-	39.79	46.495520	-90.488807	Access Road	099	N/A	Fresh (Wet) Meadow	No	0.10	--	--	Potato River	N/A	N/A	N/A	N/A	No	No	N/A	
1065	WDH-107_x1 <sup>k</sup>	Waterbody	UNT of Vaughn Creek	5001801	39.82	46.495969	-90.486862	Mainline ROW	N/A	Trench	N/A	No	--	--	--	Potato River	Intermittent	N/A <sup>l</sup>	No	A	No	Yes	Mar 1 - Jun 15	
1066	sirc1001e	Waterbody	UNT of Vaughn Creek	Not Assigned	40.27	46.502430	-90.486095	Mainline ROW	N/A	OC/DC	N/A	No	--	--	--	Potato River	Ephemeral	2	No	A	No	Yes	Mar 1 - Jun 15	
1067	sbad1005e	Waterbody	UNT of North Fish Creek	Not Assigned	N/A	46.570893	-91.018999	Valve	N/A	N/A	N/A	No	--	--	--	Fish Creek	Ephemeral	2	No	A	No	No	Mar 1 - Jun 15	
1068	wbad1005e	Wetland	N/A	-	N/A	46.571325	-91.019268	Valve	N/A	N/A	Fresh (Wet) Meadow	No	0.32	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A	
1069	wbad1006e	Wetland	N/A	-	N/A	46.572068	-91.020594	Permanent Access	MLV 1	N/A	Fresh (Wet) Meadow	No	0.01	--	0.01	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A	
1070	wbad1006e	Wetland	N/A	-	N/A	46.572038	-91.020627	Valve	N/A	N/A	Fresh (Wet) Meadow	No	0.00	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A	
1071	wbad1006e	Wetland	N/A	-	N/A	46.572100	-91.020530	Valve	N/A	N/A	Fresh (Wet) Meadow	No	0.01	--	--	Fish Creek	N/A	N/A	N/A	N/A	No	No	N/A	

PERMIT TABLE 1 - WETLAND AND WATERBODY IMPACT TABLE  
 Enbridge Energy, Line 5 Wisconsin Segment Relocation Project  
 Docket # IP-NO-2020-2-N00471

Sort	FeatureID <sup>a</sup>	General Feature Category	USGS Name	WDNR WBIC Number	Milepost	Latitude	Longitude	Project Component Name/Location	Access Road ID	Proposed Pipeline Crossing Method <sup>c</sup>	Eggers and Reed <sup>d</sup>	Anticipated Blasting Areas <sup>b</sup>	Temporary Wetland Impacts (acres) <sup>e</sup>	Permanent Wetland Conversion (acres) <sup>f</sup>	Permanent Wetland Fill (acres) <sup>g</sup>	WDNR Watershed	Flow Regime	OHWM Width <sup>h</sup> (feet)	Existing Culvert/Bridge	Bridge Type <sup>i</sup>	Portage Installation	Dredging	Fish-Timing Restriction Dates
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<sup>a</sup> Wetland/waterbody unique identification is based on 2019/2020 field survey data and Wisconsin Wetland Inventory Desktop Mapping (WDNR, 1992).

<sup>b</sup> Anticipated blasting areas were determined based on a multi-phase study including (1) desktop analysis of publicly available soils information including Natural Resources Conservation Service soils data, United States Geological Survey bedrock outcrop data, historical well data, and geotechnical soil bore data; and (2) field investigations including additional geotechnical borings, electrical resistivity imaging, and hammer probing to a depth of 12 feet or multiple probe refusal; and (3) data analysis. Areas identified as "Likely" may encounter bedrock at a depth above the planned pipeline installation depth.

<sup>c</sup> OC: Open trench method used in conditions of no water present at the crossing location, sometimes referred to as the "Wet Trench" method.  
 DC: Open trench method used in conditions where water is present in the waterbody; referred to as the "Dry Crossing" method, where the construction zone is isolated and either a dam and pump or a flume pipe are used to route water around the isolated work area.  
 HDD: Horizontal Directional Drill method used to install the pipeline using a trenchless technique. Crossings proposed as HDD will require temporary installation of tracking cables across waterbodies.  
 Direct Bore: Direct Pipe installation method used to install the pipeline using a trenchless technique.

<sup>d</sup> (Eggers and Reed, 2015).

<sup>e</sup> Acreage includes temporary workspace, operational workspace, and additional temporary workspace. Values listed as '0.00' are <0.01 acre in size.

<sup>f</sup> Conversion = Acreage of forested/scrub-shrub wetlands within the operational right-of-way that will be maintained as emergent wetlands. Values listed as '0.00' are <0.01 acre in size.

<sup>g</sup> Permanent Fill = Acreage of wetlands that will be permanently filled.

<sup>h</sup> OHWM: ordinary high water mark measured as a perpendicular straight line distance from ordinary high mark to ordinary high mark

<sup>i</sup> ORW: outstanding resource water; ERW: exceptional resource water

<sup>j</sup> Bridge types: A - Typical timber mat bridge; B - Engineered bridge 20 feet to 60 feet wide; C - Engineered bridge 60 feet wide or greater.

<sup>k</sup> Feature was field reviewed by WDNR Staff and determined to be non-navigable.

<sup>l</sup> Pipeline centerline does not cross feature; however a 9-foot buffer on the pipeline centerline may intersect the wetland. This feature has therefore been conservatively included in the crossing method column.

<sup>m</sup> Existing culvert present. Will require matting/spanning to prevent damage.

<sup>n</sup> Existing snowmobile bridge present. Will require upgrades or require spanning to support construction traffic

<sup>o</sup> Pipeline Centerline does not intersect the wetland.

- No impact in this category.  
 N/A = Not Applicable