

Attachment C

Receiving Waterbodies Tables

- **Table C-1 Waterbodies Crossed by Mainline Construction**
- **Table C-2 Waterbodies Crossed by Access Roads/Haul Routes**

Attachment C-1

Line 3 Replacement Project

Waterbodies Crossed by Mainline Construction

Spread Number	County	Waterbody Name	Hydrologic Unit Code (HUC) #	WID	River Name/Region	Milepost	Feature ID	Waterbody Name	Flow Regime	Survey Date	Top-of-Bank Width (feet)	OHMW Width (feet)	OHMW Depth (feet)	Agency Designation	Approved 2018 Impairment	Downstream Sensitive Resources	Proposed Crossing Method	Alternative Crossing Method	Bridge Type	MDNR Fisheries to Channel Timing Restriction	MPCA Wild Rice Timing Restriction	Legal Description	Latitude	Longitude	Enbridge Construction Plan	MDNR Site Specific Restoration Plan (SSRP)	MPCA Site Specific Restoration Plan (SSRP)	Depth of Cover (DOC)	DOC Extent from TOB (L, Bank/R, Bank)	MPCA Class/Restriction	MDNR Mile Number	Wild Rice Present?	Agency Permit Required		
1A	Perrine/Kittson	Middle Red	92020311	09020311-560	Red River	801.8	s-180650w-5-a	Red River of the North	P	2014	450.0	220.0	5.0	USDA-NRCS Sovereign Land, NCCP Class I Fishery, NCCP Class I Fishery, NCCP Waste Management Area parcel, USDA-NRCS Floodplain easement, MN Public Water, 3036 Impaired Canal Route, Husted Waters (2676) channel	Mercury in fish, Mercury in water column, Arsenic, Turbidity	NHS ruffish / fish species 9 miles downstream	HCD	NA	NA	NA	PW Cool Warm Water Fishery (MNF) - No in-channel work from March 15 - June 30	NA	T160N, R50W, S5	48.70529	-97.114806	Yes	NA	NA	NA - HED	NA	1C, 2B9, 3C, 4A, 4B, 5, 6	H426	NA	NA	COE, MPCA, MNR, MPCA, MPCA, MNR
1A	Kittson	Middle Red	92020311	NA	South	802.9	s-180650w-10-a	Unnamed Ditch	I	2014	12.0	3.5	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S10	48.69183	-97.098769	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
1A	Kittson	Middle Red	92020311	NA	South	803.6	s-180650w-15-a	Unnamed Stream	E	2014	10.0	6.0	0.8	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S10 NESE	48.68635	-97.089135	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
1A	Kittson	Middle Red	92020311	NA	South	803.9	s-180650w-15-b	Unnamed Stream	E	2014	8.0	4.0	2.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S14 SWNW	48.68225	-97.083944	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
1A	Kittson	Middle Red	92020311	09020311-509	South	805.4	s-180650w-23-a	Unnamed Stream (County Ditch 27)	P	2020	32.42	23.75	1.88	Public Water	NA	NA	Dry Crossing	Open Cut	Span - in stream support	PW Cool Warm Water Fishery (MNF) - No in-channel work from March 15 - June 30	NA	T160N, R50W, S23 NESE	48.68502	-97.08459	Yes	Yes	Yes	6.7	2 / 2	H426-011-001	NA	NA	COE, MPCA, MNR		
1A	Kittson	Middle Red	92020311	NA	South	805.8	s-180650w-25-a	Unnamed Ditch	I	2014	3.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S23 NESE	48.68049	-97.08038	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
1A	Kittson	Middle Red	92020311	NA	South	807.0	s-180650w-25-b	Unnamed Ditch	I	2014	3.0	2.5	1.3	NA	NA	NA	Bore	Dry Crossing	Span	NA	NA	T160N, R50W, S23 NESE	48.64751	-97.041513	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	NA	South	808.4	s-180650w-32-a	Unnamed Ditch	I	2014	10.0	8.0	3.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S23 SWNW	48.63374	-97.02015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	NA	South	808.6	s-180650w-32-b	Unnamed Ditch	I	2014	8.0	2.5	0.3	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S23 SWNW	48.63109	-97.017045	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	NA	South	809.8	s-180650w-4-a	Unnamed Ditch	I	2014	8.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S5 NESE	48.61917	-96.993029	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	09020311-999	South	810.0	s-180650w-4-b	Unnamed Ditch	I	2014	11.0	3.0	0.8	NA	NA	NA	Bore	Open Cut	Span	NA	NA	T160N, R50W, S4 SWNW	48.61702	-96.996126	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	09020311-998	South	810.0	s-180650w-9-a	Unnamed Ditch	I	2014	20.0	5.0	0.5	NA	NA	NA	Bore	Open Cut	Span	NA	NA	T160N, R50W, S4 SWNW	48.61687	-96.995863	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	NA	South	811.3	s-180650w-9-b	Unnamed Ditch	I	2014	20.0	5.0	0.5	NA	NA	NA	Bore	Dry Crossing	Span	NA	NA	T160N, R50W, S5 NESE	48.62054	-96.976554	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	09020311-999	South	811.5	s-180650w-15-a	Unnamed Ditch	I	2014	12.0	12.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S12 NNW	48.60187	-96.974131	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	NA	South	812.7	s-180650w-15-b	Unnamed Ditch	I	2014	12.0	12.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S12 NNW	48.59847	-96.955139	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	09020311-999	South	812.8	s-180650w-23-a	County Ditch No. 7	I	2014	30.0	20.0	6.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S23 NNW	48.58728	-96.953827	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	NA	South	814.1	s-180650w-23-a	Unnamed Ditch	I	2014	12.0	7.0	1.5	NA	NA	NA	Bore	Dry Crossing	Span	NA	NA	T160N, R50W, S23 NNW	48.57243	-96.939893	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	09020311-999	South	814.1	s-180650w-23-b	Unnamed Ditch	I	2014	10.0	0.3	0.3	NA	NA	NA	Bore	Dry Crossing	Span	NA	NA	T160N, R50W, S26 NNW	48.57242	-96.939894	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Kittson	Middle Red	92020311	09020311-521	South	816.6	s-180650w-36-a	Judicial Ditch 10	I	2014	20.0	20.0	6.0	Public Water	NA	NA	Dry Crossing	Open Cut	Span - in stream support	PW Cool Warm Water Fishery (MNF) - No in-channel work from March 15 - June 30	NA	T160N, R50W, S26 NESE	48.56717	-96.91262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA, MNR
1A	Marshall	Middle Red	92020311	09020311-531	South	816.9	s-180650w-6-a	Judicial Ditch 3	I	2015	20.0	20.0	4.5	NA	NA	NA	Bore	Open Cut	Span	NA	NA	T160N, R50W, S6 NESE	48.54325	-96.893879	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	09020311-999	South	821.0	s-180650w-22-a	Unnamed Ditch	I	2014	12.0	12.0	4.0	NA	NA	NA	Bore	Dry Crossing	Span	NA	NA	T160N, R50W, S22 NNW	48.49931	-96.83359	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	NA	South	821.1	s-180650w-22-b	Unnamed Ditch	I	2014	8.0	8.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S22 NNW	48.49844	-96.83486	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	09020311-999	South	823.5	s-180650w-35-a	Unnamed Ditch	I	2014	5.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S35 NESE	48.470717	-96.82019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	NA	South	825.4	s-180650w-6-a	Unnamed Ditch	I	2014	5.0	3.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S6 NNW	48.44859	-96.78005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	09020311-999	South	825.7	s-180650w-6-b	Unnamed Ditch	I	2014	8.0	1.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S6 NNW	48.44564	-96.774511	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	09020311-503	South	826.6	s-180650w-15-a	Tarnac River	P	2018	50.0	20.0	3.0	Public Water, 3036 Impaired	Aquatic macroinvertebrates bioassessments	NA	HCD	NA	NA	NA	PW Cool Warm Water Fishery (MNF) - No in-channel work from March 15 - June 30	NA	T160N, R50W, S16 SWNW	48.41962	-96.732095	Yes	NA	Yes	NA - HED	NA	1C, 2B9, 3C, 4A, 4B, 5, 6	H426-019	NA	NA	COE, MPCA, MNR
1A	Marshall	Middle Red	92020311	09020311-999	South	831.0	s-180650w-26-c	Unnamed Stream	E	2014	10.0	4.0	1.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S26 NNW	48.39164	-96.69059	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	09020311-999	South	831.2	s-180650w-26-c	Unnamed Stream	I	2014	15.0	8.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S26 NNW	48.38976	-96.687974	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	09020311-999	South	831.4	s-180650w-26-c	Unnamed Stream	I	2014	15.0	8.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S26 NNW	48.38789	-96.68564	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	NA	South	831.7	s-180650w-26-b	Unnamed Ditch	I	2014	15.0	10.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S26 NNW	48.38489	-96.681183	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	NA	South	832.8	s-180650w-36-b	Unnamed Ditch	I	2014	11.0	4.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S36 NNW	48.3732	-96.665754	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	09020311-999	South	833.1	s-180650w-36-a	Unnamed Ditch	I	2014	19.0	10.0	1.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S36 NNW	48.36988	-96.660781	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Middle Red	92020311	NA	South	833.6	s-180650w-1-a	Unnamed Ditch	I	2014	15.0	10.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S1 NESE	48.36425	-96.65254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Snake	92020309	09020309-999	South	834.1	s-180647w-1-b	Unnamed Stream	E	2014	32.0	7.0	0.4	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T160N, R50W, S1 NESE	48.35937	-96.64621	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
1A	Marshall	Snake	92020309	NA	South	835.0	s-180647w-12-a	Unnamed Ditch	I	2014	25.0	11.0	1.5	NA	NA	NA	Bore	Dry Crossing	Span	NA	NA														

Attachment C-1

Line 3 Replacement Project

Waterbodies Crossed by Mainline Construction

Spread Number	County	Waterbody Name	Hydrologic Unit Code (HUC 8)	WID	River North/South	Milepost	Feature ID	Waterbody Name	Flow Regime	Survey Date	Top-of-Bank Width (feet)	OHMW Width (feet)	OHMW Depth (feet)	Agency Designation	Approved 2018 Impairment	Downstream Sensitive Resources	Proposed Crossing Method	Alternative Crossing Method	Bridge Type	MDNR Fisheries-Channel Timing Restriction	MPCA Wild Rice Timing Restriction	Legal Description	Latitude	Longitude	Enbridge Construction Plan	MDNR Site Specific Restoration Plan (SSRP)	MPCA Site Specific Restoration Plan (SSRP)	Depth of Cover (DOC)	DOC Exceeds from TOB (L/Bank/R/Bank)	MPCA Classification	MDNR Mile Number	Wild Rice Present?	Agency Permit Required?		
18	Marshall	Grand Marais-Red	9202036	NA	South	851.1	s-15444w-11-a	Unnamed Ditch	I	2014	20.0	8.0	1.5	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T154N, R20W, S11 SESE	48.18220	-96.39477	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Marshall	Grand Marais-Red	9202036	NA	South	851.4	s-15444w-11-a	Unnamed Ditch	I	2014	17.0	6.0	0.5	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T154N, R20W, S11 SESE	48.17870	-96.39019	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	0902003-565	South	852.9	s-15444w-18-a	Unnamed Ditch	I	2014	14.0	10.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T154N, R20W, S20 SWNW	48.16294	-96.36829	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	0902003-557	South	855.0	s-15444w-20-a	Black River	NA	2016	NA	NA	NA	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T154N, R20W, S18 SWNW	48.14054	-96.33713	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	0902003-998	South	858.7	s-15344w-3-a	Unnamed Ditch	I	2014	30.0	15.0	4.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S3 SESE	48.10289	-96.28431	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090216916	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	0902003-999	South	860.1	s-15344w-11-a	Unnamed Ditch	I	2014	40.0	19.0	3.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S11 SESE	48.08634	-96.28036	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090212996	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	0902003-998	South	861.7	s-15344w-13-a	Unnamed Ditch	I	2014	40.0	25.0	4.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S11 NESE	48.09799	-96.24129	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090211843	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	862.1	s-15344w-18-a	Unnamed Ditch	I	2014	25.0	12.0	1.5	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S18 SWNW	48.06413	-96.23698	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	862.1	s-15344w-19-a	Unnamed Ditch	I	2014	15.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S18 SWNW	48.06348	-96.23655	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	863.3	s-15344w-19-b	Unnamed Ditch	I	2014	20.0	8.0	1.5	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S19 SESE	48.05103	-96.21978	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	863.3	s-15344w-20-a	Unnamed Ditch	I	2014	20.0	10.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S20 SWNW	48.05079	-96.21939	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	863.4	s-15344w-20-b	Unnamed Ditch	I	2014	20.0	10.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T153N, R20W, S20 SWNW	48.04969	-96.21803	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	0902003-513	South	864.3	s-15344w-29-a	Red Lake River	P	2014	230.0	215.0	2.0	Section 10, NR Public Water, 303d Impaired, Canal Route	Mercury in Fish	NH5 mussels 3.8 miles downstream, W&R River, DW38A 5 miles downstream, Sand	HDD	NA	Span	NA	NA	T153N, R20W, S29 SESE	48.03935	-96.20576	Yes	NA	Yes	NA	HDD	NA	1C, 29b, 3c, 4a, 4b, 5, 6	H426-030	Yes	COE, MPCA, MNR	
18	Pennington	Red Lake	9202003	0902003-541	South	864.7	s-15344w-32-a	County Ditch 21	I	2014	10.0	10.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Span	NA	NA	T153N, R20W, S32 SESE	48.03502	-96.19921	NA	NA	Yes	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090211546	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	865.1	s-15244w-33-a	Unnamed Ditch	I	2014	18.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S33 SWNW	48.03161	-96.19316	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	0902003-567	South	867.4	s-15244w-4-a	Unnamed Ditch	I	2014	40.0	12.0	1.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S4 SESE	48.02781	-96.18122	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090211638	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	869.5	s-15244w-14-a	Unnamed Ditch	I	2014	18.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Gut	Span	Span in stream support	Span	NA	T152N, R20W, S14 SESE	48.02389	-96.12057	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090211638	NA	COE, MPCA		
18	Pennington	Red Lake	9202003	0902003-998	South	869.7	s-15244w-14-b	Unnamed Ditch	I	2014	24.0	12.0	2.0	Public Water	NA	NA	Dry Crossing	Open Gut	Span	Span in stream support	Span	NA	T152N, R20W, S14 SESE	48.02118	-96.12018	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	H426-030	Yes	COE, MPCA, MNR		
18	Pennington	Red Lake	9202003	0902003-999	South	869.7	s-15244w-14-c	Unnamed Ditch	I	2014	35.0	18.0	5.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S14 SESE	48.02118	-96.12018	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090211654	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	870.4	s-15244w-23-a	Unnamed Stream	E	2014	6.0	2.0	1.0	NA	NA	NA	Dry Crossing	Open Gut	Span	NA	NA	T152N, R20W, S23 SESE	48.01406	-96.11911	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Pennington	Red Lake	9202003	NA	South	871.3	s-15244w-23-b	Unnamed Ditch	I	2014	6.0	6.0	9.0	1.0	NA	NA	Dry Crossing	Open Gut	Span	NA	NA	T152N, R20W, S23 SESE	48.01406	-96.10086	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Red Lake	9202003	0902003-998	South	871.3	s-15244w-24-a	Unnamed Ditch	I	2014	20.0	10.0	3.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S24 SWNW	48.00320	-96.10513	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090211722	NA	COE, MPCA			
18	Red Lake	Red Lake	9202003	0902003-999	South	872.0	s-15244w-30-a	Unnamed Ditch	I	2014	14.0	4.0	1.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S30 SWNW	48.00904	-96.09031	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090211722	NA	COE, MPCA			
18	Red Lake	Red Lake	9202003	0902003-999	South	872.4	s-15244w-30-b	Unnamed Ditch	I	2014	20.0	3.0	0.3	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S30 SWNW	48.00251	-96.09196	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090212009	NA	COE, MPCA			
18	Red Lake	Red Lake	9202003	NA	South	873.3	s-15244w-31-a	Unnamed Ditch	I	2014	12.0	8.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Span	NA	NA	T152N, R20W, S31 NESE	48.01429	-96.07822	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Red Lake	9202003	0902003-998	South	873.8	s-15244w-32-b	Unnamed Ditch	I	2014	18.0	12.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S32 SWNW	48.00723	-96.07213	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090212081	NA	COE, MPCA			
18	Red Lake	Red Lake	9202003	NA	South	873.9	s-15244w-32-a	Unnamed Ditch	I	2014	18.0	1.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T152N, R20W, S32 SWNW	48.00495	-96.07044	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Clearwater	9202005	0902005-648	South	874.4	s-15144w-4-a	Clearwater River	P	2014	70.0	60.0	3.0	Public Water, 303d Impaired	Mercury in fish, Turbidity	NH5 mussels 2.6 miles downstream, W&R River	HDD	NA	Span	Span in stream support	Span	NA	T151N, R20W, S11 MNW	48.01956	-96.04284	Yes	NA	Yes	NA	HDD	NA	29b, 3c, 4a, 4b, 5, 6	H426-030	Yes	COE, MPCA, MNR
18	Red Lake	Clearwater	9202005	NA	South	882.4	s-15144w-28-c	Unnamed Ditch	I	2014	20.0	12.0	3.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T151N, R20W, S28 SWNW	48.04663	-96.02469	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Clearwater	9202005	NA	South	882.8	s-15144w-28-b	Unnamed Ditch	I	2014	18.0	8.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T151N, R20W, S28 SWNW	48.02658	-96.01673	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Clearwater	9202005	NA	South	882.8	s-15144w-28-a	Unnamed Ditch	I	2014	20.0	12.0	3.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T151N, R20W, S28 SWNW	48.02477	-96.01603	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Clearwater	9202005	NA	South	882.8	s-15144w-33-a	Unnamed Ditch	I	2014	20.0	7.0	0.5	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T151N, R20W, S33 NESE	48.02229	-96.01593	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Clearwater	9202005	NA	South	883.5	s-15144w-33-b	Unnamed Ditch	I	2014	13.0	5.0	1.0	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T151N, R20W, S33 SESE	48.02159	-96.02159	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA	NA	COE, MPCA			
18	Red Lake	Clearwater	9202005	0902005-999	South	884.7	s-15144w-35-a	Unnamed Ditch	I	2014	60.0	16.0	2.0	NA	NA	NA	Dry Crossing	Open Gut	Span	Span	Span	NA	T150N, R20W, S35 SWNW	48.00996	-96.00002	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	MAJ-090212041	NA	COE, MPCA		
18	Red Lake	Clearwater	9202005	NA	South	885.7	s-15044w-1-a	Unnamed Ditch	I	2014	50.0	15.0	1.5	NA	NA	NA	Dry Crossing	Open Gut	Stream	NA	NA	T150N, R20W, S1 MNW	48.04575	-96.03822	NA	NA	NA	NA	29b, 3c, 4a, 4b, 5, 6	NA					

Attachment C-1

Line 3 Replacement Project

Waterbodies Crossed by Mainline Construction

Spread Number	County	Waterbody Name	Hydrologic Unit Code (HUC #)	WID	River Network Region	Milepost	Feature ID	Waterbody Name	Flow Regime	Survey Date	Top-of-Bank Width (feet)	OHMW Width (feet)	OHMW Depth (feet)	Agency Designation	Approved 2018 Impairment	Downstream Sensitive Resources	Proposed Crossing Method	Alternative Crossing Method	Bridge Type	MOR Fisheries-Channel Timing Restriction	MPCA Wild Rice Timing Restriction	Legal Description	Latitude	Longitude	Enbridge Construction Plan	MOR Site Specific Restoration Plan (SSRP)	MPCA Site Specific Restoration Plan (SSRP)	Depth of Cover (DOC)	DOC Extent from TOB (L, Bank / R, Bank)	MPCA Class/Location	MOR Mile Number	Wild Rice Present?	Agency Permit Required				
3	Wisconsin	Crow Wing River	07010106	07010106-516	Central	993.3	WA006aWB *	Crow Wing River	P	2014	50.0	210.0	7.0	NR Public Water, 303d Impaired, Canoe Route, Hatched Water (bacon stain)	Mercury in fish	NA	HDD	Wet Open Cut	NA	PWI Cool Warm Water Fishery (M/N) - No In-channel work from March 15 - June 30	April 1 - July 15	T139N, R27W, S4 SE, SESE	46.794747	-94.875677	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	M-096	Yes	COE, MPCA, MNR			
3	Wisconsin	Crow Wing River	07010106	NA	Central	996.5	WA017aWB	Unnamed Stream	P	2014	8.0	8.0	6.0	NA	NA	NA	Modified Dry Crossing	NA	Span	NA	NA	April 1 - July 15	T139N, R27W, S4 SE, SESE	46.790414	-94.893939	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Crow Wing River	07010106	NA	Central	999.1	CA25011, SA02W	Unnamed Ditch	I	2014	10.0	3.0	3.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S2 SW, SWSE	46.79393	-94.745463	NA	NA	Yes	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Crow Wing River	07010106	NA	Central	999.2	CA25011, SA02W	Unnamed Ditch	I	2014	10.0	8.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S6, SE, SESE	46.79914	-94.752729	NA	NA	Yes	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Crow Wing River	07010106	NA	Central	999.6	CA2006aWB	Unnamed Ditch	I	2014	8.0	5.0	1.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S6, SE, SESE	46.799727	-94.743745	NA	NA	Yes	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Crow Wing River	07010106	07010106-531	Central	1000.5	CA2007aWB	Big Siv aug Creek	P	2020	35.32	30.10	4.94	Public Water	NA	Wild Rice	Modified Dry Crossing	Push/Pull	NA	NA	PWI Cool Warm Water Fishery (M/N) - No In-channel work from March 15 - June 30	April 1 - July 15	T139N, R27W, S4 SE, SESE	46.79162	-94.725508	NA	Yes	Yes	4.5	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	M-096-030	NA	COE, MPCA, MNR	
3	Wisconsin	Crow Wing River	07010106	07010106-999	Central	1001.2	CA2010aWB	Unnamed Stream	P	2013	4.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S3 SW, SWSE	46.79177	-94.710748	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	07010105-569	North	1017.4	CA063aWB *	Rhe River	P	2013	100.0	100.0	2.0	Public Water, Canoe Route	NA	Wild Rice	HDD	Wet Open Cut	Span	NA	PWI Cool Warm Water Fishery (M/N) - No In-channel work from March 15 - June 30	April 1 - July 15	T139N, R27W, SR, NW, NWSE	46.781842	-94.377479	Yes	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	M-100	Yes	COE, MPCA, MNR		
3	Wisconsin	Rhe River	07010105	07010105-999	North	1021.5	CW614aWB	Unnamed Stream	P	2013	6.0	6.0	2.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.779515	-94.207958	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	NA	North	1022.6	CW621aWB *	Unnamed Stream	P	2013	100.0	12.0	1.0	NA	NA	NA	Wild Rice	Modified Dry Crossing	Push/Pull	Span - in stream support	NA	April 1 - July 15	T139N, R27W, S1 SE, SESE	46.791248	-94.282757	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	NA	North	1023.6	CW627aWB	Unnamed Stream	P	2013	5.0	2.5	2.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S2, NW, NWSE	46.83039	-94.2874	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	07010105-601	North	1026.4	CA065aWB	Abs Brook / Blind Lake Over	P	2020	6.84	3.52	0.85	Public Water	NA	NA	Dry Crossing	Open Cut	Span - in stream support	NA	PWI Cool Warm Water Fishery (M/N) - No In-channel work from March 15 - June 30	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.83069	-94.22705	Yes	Yes	5.5	24.2 / 38.0	29g, 3C, 4A, 4B, 5, 6	M-106-014-002	NA	Yes	COE, MPCA, MNR			
3	Wisconsin	Rhe River	07010105	NA	North	1029.1	CA069aWB	Unnamed Stream	P	2013	NA	10.0	NA	NA	NA	NA	Modified Dry Crossing	NA	Span	NA	NA	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.83095	-94.17212	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Leach Lake River	07010102	NA	North	1030.5	CA104aWB	Unnamed Stream	P	2013	8.0	4.0	2.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S1 SE, SESE	46.842813	-94.190859	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	NA	North	1033.2	CA116aWB	Unnamed Stream	I	2013	10.0	3.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S2, NW, NWSE	46.846583	-94.094984	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	07010105-640	North	1033.9	CA116_200aWB	Unnamed Stream	P	2013	14.0	14.0	3.0	NA	NA	Wild Rice	Modified Dry Crossing	NA	Span - in stream support	NA	NA	April 1 - July 15	T139N, R27W, S1S, SW, SWSE	46.847829	-94.091512	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	M-106-004-003-001	NA	Yes	COE, MPCA	
3	Wisconsin	Rhe River	07010105	NA	North	1034.4	CA120_200aWB	Unnamed Stream	I	2013	4.0	2.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S1S, SE, SESE	46.847827	-94.071432	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	NA	North	1036.1	CA127aWB	Unnamed Stream	P	2013	4.0	3.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S2, NW, NWSE	46.84542	-94.037143	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Rhe River	07010105	07010105-562	North	1037.4	CA133aWB *	Daggett Brook	P	2013	50.0	40.0	5.0	Public Water	NA	Wild Rice	HDD	Wet Open Cut	NA	NA	PWI Cool Warm Water Fishery (M/N) - No In-channel work from March 15 - June 30	April 1 - July 15	T139N, R27W, S1S, SE, SESE	46.842038	-94.030344	Yes	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	M-106-004-003-001	NA	Yes	COE, MPCA, MNR	
3	Wisconsin	Rhe River	07010105	07010105-519	North	1041.3	CA147_325a1WB	Spring Brook	P	2020	17.21	12.84	0.85	Public Water, Trout Stream	NA	NA	Dry Crossing	Open Cut	Span	NA	PWI COLONIA TR. FISHERY No In-channel work from September 1 - October 31	April 1 - July 15	T139N, R27W, S14, NNW, NW	46.858012	-93.943229	Yes	Yes	5.4	26.7 / 16.8	18, 29g, 3B, 3C, 4A, 4B, 5, 6	M-106-004-003-001	NA	Yes	COE, MPCA, MNR			
3	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1046.0	CA05160aWB	Unnamed Stream	P	2013	2.0	2.0	1.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S9, NNW, NW	46.873733	-93.850671	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1046.6	CA05161aWB	Unnamed Stream	P	2013	8.0	8.0	4.0	NA	NA	NA	Modified Dry Crossing	Open Cut	Span - in stream support	NA	NA	April 1 - July 15	T139N, R27W, S4 SE, SESE	46.877568	-93.80821	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1047.4	CA102aWB	Unnamed Stream	E	2013	4.0	1.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S3, SW, SWSE	46.848301	-93.827192	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1048.0	CA163aWB	Tributary to Moose River	P	2013	6.0	5.0	2.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S2, SW, SWSE	46.84364	-93.815228	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
3	Wisconsin	Mississippi River - Grand Rapids	07010103	07010103-749	North	1048.0	CA163aWB *	Moose River	P	2020	13.59	10.24	1.07	NR Public Water, 303d Impaired	Dissolved oxygen	NA	Modified Dry Crossing	Open Cut	Span - in stream support	NA	PWI Cool Warm Water Fishery (M/N) - No In-channel work from March 15 - June 30	April 1 - July 15	T139N, R27W, S2, SW, SWSE	46.83306	-93.813965	Yes	Yes	Yes	6.8	2 / 2	29g, 3C, 4A, 4B, 5, 6	M-117-012	NA	Yes	COE, MPCA, MNR		
4	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1049.7	A001aWB	Unnamed Stream	P	2013	8.0	3.0	0.5	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span	NA	NA	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.878301	-93.774265	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA	
4	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1049.9	A001aWB	Unnamed Stream	P	2013	20.0	5.0	4.0	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span - in stream support	NA	NA	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.878301	-93.774265	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA	
4	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1051.5	s-5102w27-a_C08aTCP	Unnamed Stream	NA	NA	NA	NA	NA	NA	NA	NA	Wild Rice	Push/Pull	Open Cut	NA	NA	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.871342	-93.741291	NA	NA	Yes	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
4	Wisconsin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1053.4	A002aWB	Unnamed Stream	P	2020	10.00	8.16	1.74	Public Water	NA	Wild Rice	Dry Crossing	Modified Dry Crossing	Span	NA	PWI Cool Warm Water Fishery (M/N) - No In-channel work from March 15 - June 30	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.869178	-93.702174	Yes	Yes	5.0	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	M-117-012-002	NA	Yes	COE, MPCA, MNR	
4	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1053.4	s-5102w30-a_C08aTCP	Unnamed Stream	NA	NA	NA	NA	NA	NA	NA	NA	Wild Rice	Dry Crossing	Span	NA	NA	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.8690872	-93.701461	NA	NA	Yes	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	NA	Yes	COE, MPCA		
4	Wisconsin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1054.7	A0021aWB	Unnamed Stream	P	9/13/2013	5.0	5.0	1.5	NA	NA	NA	Wild Rice	Modified Dry Crossing	Push/Pull	Span	NA	NA	April 1 - July 15	T139N, R27W, S2N, NNW, NW	46.868045	-93.677291	NA	NA	NA	NA	NA	NA	29g, 3C, 4A, 4B, 5, 6	MAJ-070103171-A	NA	Yes	COE, MPCA
4	Wisconsin	Mississippi River - Grand Rapids	07010103	NA	North	1054.7	s-5102w32-a_C08aTCP	Unnamed Stream	NA	NA	NA	NA	NA	NA	NA	NA	Wild Rice	Modified Dry Crossing	Push/Pull	Span	NA	NA	April 1 - July 15	T139N, R27W, S													

Attachment C-1

Line 3 Replacement Project

Waterbodies Crossed by Mainline Construction

Spread Number	County	Waterbody Name	Hydrologic Unit Code (HUC) #	WID	River Name/Region	Milepost	Feature ID	Waterbody Name	Flow Regime ^a	Survey Date	Top-of-Bank Width (feet)	OHMW Width (feet) ^b	OHMW Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Bridge Type ^g	MNR Fisheries-Is-Channels Timing Restriction ^h	MPCA Wild Rice Timing Restriction	Legal Description	Latitude	Longitude	Enbridge Construction Plan	MNR Site Specific Restoration Plan (SSRP)	MPCA Site Specific Restoration Plan (SSRP)	Depth of Cover (DOC)	DOC Extent from TOB (L, Bank / R, Bank)	MPCA Class/Location	MNR Mile Number	Wild Rice Present?	Agency Permit Required	
4	Albin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1076.9	s-51623w-23-a	West Savanna River	P	2020	18.07	Unavailable	3.76 Approx.	Public Water	NA	Wild Rice	Dry Crossing	Modified Dry Crossing	Span-in-stream support	PWI Cool Warm Water Fishery (MNR) - No in-channel work from March 15 - June 30.	NA	T19N R23W S23 SESE	46.885558	-93.217548	Yes	Yes	Yes	6.1	2 / 2	2B3, 3C 4A, 4B, 5, 6	M-100-005-001	NA	COE, MPCA, MNR	
4	Albin	Mississippi River - Grand Rapids	07010103	NA	North	1077.1	s-51623w-23-b_DESKTOP	Unnamed Stream	NA	NA	NA	NA	NA	NA	NA	Wild Rice	Modified Dry Crossing	Push Pul	Span	NA	NA	T19N R23W S23 SESE	46.885542	-93.214476	NA	NA	Yes	NA	NA	NA	NA	COE, MPCA		
4	Albin	St. Louis River	04010201	04010201-999	North	1078.8	s-51622w-19-c_DESKTOP	Unnamed Stream	NA	NA	NA	NA	NA	NA	NA	NA	Modified Dry Crossing	Push Pul	Span	NA	NA	T19N R23W S21 SESE	46.889146	-93.177944	NA	NA	Yes	NA	NA	NA	NA	COE, MPCA		
4	Albin	St. Louis River	04010201	04010201-999	North	1081.5	s-51622w-22-a	Unnamed Stream	P	9/7/2017	15.0	15.0	6.0	NA	NA	NA	Dry Crossing	Open Cut	Span-in-stream support	NA	NA	T19N R23W S21 SESE	46.88423	-93.122465	NA	NA	Yes	NA	NA	NA	NA	COE, MPCA		
4	Albin	St. Louis River	04010201	04010201-999	North	1084.4	s-51622w-24-a	Unnamed Stream	P	9/7/2017	50.0	60.0	7.0	NA	NA	NA	Modified Dry Crossing	NA	Span-in-stream support	NA	NA	T19N R23W S24 SESE	46.883315	-93.060555	NA	NA	Yes	NA	NA	NA	NA	COE, MPCA		
5	St. Louis	St. Louis River	04010201	04010201-561	North	1085.9	s-51621w-20-a	East Savanna River	P	9/8/2017	30.0	20.0	6.0	Public Water	NA	NHS muskellunge 7.5 miles downstream	HDD	Modified Dry Crossing	Span	PWI Cool Warm Water Fishery (MNR) - No in-channel work from March 15 - June 30.	NA	NA	T19N R23W S20 NESE	46.88834	-93.032093	Yes	NA	NA	NA	NA	NA	NA	COE, MPCA, MNR	
5	St. Louis	St. Louis River	04010201	04010201-999	North	1086.6	s-51621w-21-a	Unnamed Stream	P	7/16/2018	6.0	6.0	3.0	NA	NA	NA	Dry Crossing	Open Cut	Span-in-stream support	NA	NA	T19N R23W S20 NESE	46.88879	-93.017331	NA	NA	NA	NA	NA	NA	NA	COE, MPCA		
5	St. Louis	St. Louis River	04010201	04010201-999	North	1087.6	s-51621w-22-a	Unnamed Stream	P	9/8/2017	8.0	8.0	4.0	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T19N R23W S20 NESE	46.888531	-92.995937	NA	NA	NA	NA	NA	NA	NA	COE, MPCA		
5	St. Louis	St. Louis River	04010201	NA	North	1089.6	s-51621w-24-a	Unnamed Stream	I	9/9/2017	20.0	7.0	2.0	NA	NA	NA	Dry Crossing	Open Cut	Span-in-stream support	NA	NA	T19N R23W S24 NESE	46.888148	-92.953258	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
5	St. Louis	St. Louis River	04010201	NA	North	1089.9	s-51621w-24-b	Unnamed Stream	I	9/9/2017	4.0	0.5	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T19N R23W S24 NESE	46.88808	-92.947873	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
5	St. Louis	St. Louis River	04010201	04010201-A07	North	1094.0	s-51620w-27-a	Unnamed Stream	P	2020	32.29	33.06	0.91	Public Water	NA	NA	Dry Crossing	NA	Span-in-stream support	PWI Cool Warm Water Fishery (MNR) - No in-channel work from March 15 - June 30.	NA	NA	T19N R23W S27 SESE	46.877115	-92.866893	Yes	Yes	Yes	6.7	2 / 2	2B3, 3C 4A, 4B, 5, 6	S-002-028	NA	COE, MPCA, MNR
5	St. Louis	St. Louis River	04010201	04010201-999	North	1094.3	s-51620w-27-b	Unnamed Stream	P	9/12/2017	5.0	3.0	1.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T19N R23W S27 SESE	46.872852	-92.863128	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
5	St. Louis	St. Louis River	04010201	NA	North	1094.8	s-51620w-27-c	Unnamed Stream	I	9/12/2017	3.0	3.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T19N R23W S27 SESE	46.867942	-92.855118	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
5	St. Louis	St. Louis River	04010201	04010201-999	North	1095.9	s-51620w-35-a	Unnamed Stream	P	9/12/2017	3.0	3.0	0.5	Public Water	NA	NHS muskellunge downstream	Dry Crossing	Span-in-stream support	PWI Cool Warm Water Fishery (MNR) - No in-channel work from March 15 - June 30.	NA	NA	T19N R23W S35 SESE	46.856509	-92.841661	Yes	NA	NA	NA	7.7 / 1.9	2B3, 3C 4A, 4B, 5, 6	S-002-027	NA	COE, MPCA, MNR	
5	St. Louis	St. Louis River	04010201	04010201-999	North	1096.0	s-51620w-35-b	Unnamed Stream	P	9/12/2017	7.0	6.0	2.0	NA	NA	NA	NHS muskellunge downstream	Dry Crossing	Open Cut	Span	NA	NA	T19N R23W S35 SESE	46.855031	-92.839996	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
5	St. Louis	St. Louis River	04010201	04010201-808	North	1096.7	s-50420w-2-a	Atank River	P	2020	17.52	14.04	1.61	Public Water	NA	NHS muskellunge downstream	Dry Crossing	Modified Dry Crossing	Span-in-stream support	PWI Cool Warm Water Fishery (MNR) - No in-channel work from March 15 - June 30.	NA	NA	T06N R20W S2 NESE	46.850022	-92.828114	Yes	Yes	Yes	5.3	2 / 2	2B3, 3C 4A, 4B, 5, 6	S-002-026	NA	COE, MPCA, MNR
FOND DU LAC RESERVATION BOUNDARY (MPL 1102.6 to 1116.6)																																		
5	Carlton	St. Louis River	04010201	04010201-999	North	1117.0	s-48n17w-8-a	Unnamed Stream	P	9/16/2017	7.0	5.0	2.0	NA	NA	NA	Modified Dry Crossing	NA	Span	NA	NA	NA	T48N R17W S8 NESE	46.653071	-92.517132	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
5	Carlton	St. Louis River	04010201	04010201-628	North	1118.4	s-48n17w-16-1	Little Otter Creek	P	2020	15.51	Unavailable	Unavailable	Public Water, Trout Stream, Aquatic Management Area	NA	Wild Rice	Modified Dry Crossing	NA	Span-in-stream support	PWI Cool Warm Water Fishery (MNR) - No in-channel work from September 15 - June 30.	NA	NA	T48N R17W S16 SESE	46.642983	-92.493728	Yes	Yes	Yes	6.2	2 / 2	1B, 2A, 2B, 3B, 3C, 4A, 4B, 5, 6	S-002-009-001	NA	COE, MPCA, MNR
5	Carlton	Namadij River	04010301	04010301-999	North	1126.2	CR147wB	Unnamed Stream	P	2020	14.76	5.32	1.64	Public Water, Trout Stream	NA	NA	Dry Crossing	Open Cut	Span	PWI Cool Warm Water Fishery (MNR) - No in-channel work from September 15 - June 30.	NA	NA	T48N R16W S34 NWSE	46.63028	-92.302596	Yes	Yes	Yes	5.5	2 / 2	2B3, 3C 4A, 4B, 5, 6	S-001-5-007	NA	COE, MPCA, MNR
5	Carlton	Namadij River	04010301	NA	North	1126.4	CR145wB	Unnamed Stream	E	2013	2.0	2.0	1.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S34 NWSE	46.630689	-92.302605	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
5	Carlton	Namadij River	04010301	NA	North	1126.5	CR145wB	Unnamed Stream	E	2013	2.0	2.0	1.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S34 NWSE	46.630713	-92.302592	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
5	Carlton	Namadij River	04010301	NA	North	1126.7	CR147wB	Unnamed Stream	E	2013	2.5	2.0	0.5	NA	NA	NA	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S34 NWSE	46.598198	-92.346259	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA	
5	Carlton	St. Louis River	04010201	04010201-A61	North	1127.6	CR951015_0426_HB	Unnamed Stream	E	2015	3.0	1.5	1.0	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S35 SWSE	46.598116	-92.327517	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
5	Carlton	St. Louis River	04010201	04010201-999	North	1128.1	CR9517_205a1WB	Unnamed Stream	E	2014	2.0	2.0	1.0	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S35 SWSE	46.598171	-92.317963	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
5	Carlton	St. Louis River	04010201	NA	North	1128.1	CR959_205a1WB	Unnamed Stream	E	2015	4.0	4.0	0.5	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S35 SWSE	46.598148	-92.317723	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
5	Carlton	St. Louis River	04010201	NA	North	1128.3	CR959_205a1WB	Unnamed Stream	E	2014	4.0	4.0	0.5	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S35 SWSE	46.597948	-92.314461	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
5	Carlton	St. Louis River	04010201	04010201-999	North	1128.3	CR959_205a1WB	Unnamed Stream	E	2015	3.0	3.0	0.5	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S35 SWSE	46.597727	-92.313218	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA
5	Carlton	St. Louis River	04010201	NA	North	1128.4	CR959WB	Unnamed Stream	E	2015	3.0	1.0	0.3	NA	NA	NA	Wild Rice	Dry Crossing	Open Cut	Span	NA	NA	T48N R16W S35 SWSE	46.597656	-92.312579	NA	NA	NA	NA	NA	NA	NA	NA	COE, MPCA

NA = Not Applicable
 P = Perennial flow; I = Intermittent flow; E = Ephemeral flow
 a. Width of the channel in feet below each the Ordinary High Water Mark (OHWM) on both channel banks.
 b. Estimated or measured channel depth in feet from the OHWM to the channel bed.
 c. Estimated or measured channel depth in feet from the OHWM to the channel bed.
 d. Impairments based on MPCA's 2018 EPA-approved Inventory of Impaired Waters per CWA Section 303(d).
 e. Proposed waterbody crossing methods are based on engineering investigations, constructability, and environmental constraints. Generally, if the waterbody has perceptible flow at the time of crossing, Enbridge will utilize a dry (isolated) crossing method (i.e., flume or dam and pump). Refer to Enbridge's Summary of Construction Methods and Procedures (Appendix A of the EPP). Enbridge will consider switching to an open cut / push-pull crossing technique at a waterbody previously identified as a dry or modified dry crossing if there are water management concerns based on field conditions at the time of the crossing. Enbridge will seek agency concurrence on any changes to crossing methods prior to initiating an alternative crossing method as outlined in Section 6.0 of Enbridge's Environmental Control Monitor Plan.
 f. It is possible that an HDD or bore may encounter subsurface objects that prevents the drill from being successfully completed. Enbridge does not generally present an alternate crossing method for proposed HDD crossings. If the primary drill path fails during the crossing, Enbridge will consider an alternate drill path before abandoning use of the HDD method for an alternative, non-HDD crossing method. If necessary, alternate drill paths will be selected by analyzing geotechnical studies and after review of site-specific conditions. Enbridge will seek agency concurrence on any changes to crossing methods prior to initiating an alternative crossing method as outlined in Section 6.0 of Enbridge's Environmental Control Monitor Plan.
 g. MNR Fisheries timing restrictions are based on anticipated state agency permit conditions and apply only to branched in-channel construction, except the Straight River which is designated trout stream. In-channel work that results in the alteration of the course, current, or cross-section of the public water; this restriction does not apply to the trenchless crossing method or other water appropriation activities, except where explicitly identified by the MNR (see Section 2.1 of the EPP/Attachment H).
 h. These features were delineated as wetlands in the field, but Enbridge created design waterbody data to ensure a crossing method is proposed should perceptible flow develop at the time of construction.
 i. Indicates wild rice as observed in the waterbody where it intersects the project design.
 j. Indicates a proposed primary hydrostatic water appropriation site.
 k. Indicates a proposed contingency hydrostatic water appropriation site.
 l. Indicates the proposed hand removal of a beaver dam located within or near the waterbody.

Attachment C-2

Line 3 Replacement Project

Waterbodies Crossed by Access Roads/Haul Routes

Spread Number	County	Watershed Name	Hydrologic Unit Code (HUC) #	WID	River Nutrient Region	Milepost	Feature_ID	Waterbody Name	Flow Regime ^a	Survey Date	Top-of-Bank Width (feet)	OHWM Width (feet) ^b	OHWM Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Proposed Impact Type ^e	Project Area ^f	Legal Description	Latitude	Longitude	MPCA Classification	MDNR Kille Number	Wild Rice Present ^g
1A	Kittson	Middle Red	9020311	N/A	South	815.7	s-159n48w31-a	Unnamed Ditch	I	2014	6.0	1.5	1.5	NA	N/A	Temporary Clear Span Bridge	CROW	T159N, R49W, Sec. 36	48.556681	-96.911342	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
1A	Marshall	Middle Red	9020311	09020311-531	South	817.7	s-158n48w5-ha	Unnamed Ditch	I	2019	8.0	5.0	0.3	NA	N/A	Temporary Clear Span Bridge	HR Corner Improvement	T158N, R48W, Sec. 5	48.543201	-96.868098	2Bq, 3C, 4A, 4B, 5, 6	MAJ-090218759	N/A
1A	Marshall	Middle Red	9020311	N/A	South	823.6	s-158n48w36-a	Unnamed Stream	I	2014	10.0	10.0	2.0	NA	N/A	Temporary Clear Span Bridge	CROW	T158N, R48W, Sec. 36	48.470459	-96.801928	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
1A	Marshall	Snake	9020309	09020309-540	South	835.9	s-156n46w7-c	Middle River	P	2014	45.0	30.0	2.0	NRI Public Water, 303d Impaired	N/A	Place Intake/outlet pipe	Water Appropriation	T156N, R46W, Sec. 7	48.340859	-96.619504	2Bq, 3C, 4A, 4B, 5, 6	H-026-021-004	N/A
1A	Marshall	Snake	9020309	N/A	South	847.0	s-155n45w21-a	Unnamed Waterbody	I	2014	2.5	1.0	0.5	NA	N/A	Temporary Clear Span Bridge	AR1022 / CROW	T155N, R45W, Sec. 21	48.225067	-96.454063	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
1B	Marshall	Snake	9020309	N/A	South	848.2	s-155n45w28-c	Unnamed Ditch	I	2014	10.0	4.0	0.5	NA	N/A	Temporary Clear Span Bridge	AR1064-a	T155N, R45W, Sec. 28	48.211202	-96.440813	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
1B	Pennington	Red Lake	9020303	09020303-999	South	861.7	s-153n44w13-b	Unnamed Ditch	I	2015	40.0	10.0	1.0	NA	N/A	Avoid - Utilize Existing Culvert	AR1028	T153N, R44W, S13, NESE	48.069239	-96.241307	2Bq, 3C, 4A, 4B, 5, 6	MAJ-090211843	N/A
1B	Pennington	Red Lake	9020303	09020303-513	South	864.7	s-153n43w32-aa	Red Lake River	P	2018	150.0	100.0	4.0	Section 10, NRI Public Water, 303d Impaired, Canoe Route	Mercury	Place Intake/outlet pipe	Water Appropriation	T153N, R43W, Sec. 32	48.034681	-96.201259	1C, 2Bdg, 2C-3C, 4A, 4B, 5, 6	H-026-030	Yes
1B	Polk	Clearwater	9020305	N/A	South	889.7	s-150n40w16-b	Unnamed Ditch	I	2014	18.0	9.0	1.0	NA	N/A	Avoid - Utilize Existing Culvert	AR1042	T150N, R40W, S16, NWSE	47.819275	-95.783358	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
1B	Polk	Clearwater	9020305	N/A	South	891.2	s-150n40w14-a	Unnamed Ditch	I	2018	30.0	15.0	1.0	NA	N/A	Avoid - Utilize Existing Culvert	AR1043	T150N, R40W, Sec. 14	47.812153	-95.752298	2Bq, 3C, 4A, 4B, 5, 6	MAJ-090216518	N/A
1B	Polk	Clearwater	9020305	N/A	South	894.6	s-150n39w30-b	Unnamed Stream	I	2014	12.0	8.0	2.0	NA	N/A	Temporary Clear Span Bridge	CROW	T150N, R39W, Sec. 30	47.784685	-95.691204	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-999	South	900.9	s-149n38w7-b	Unnamed Stream	I	2014	5.0	2.0	2.0	NA	N/A	Avoid - Utilize Existing Culvert	AR1051.2-a	T149N, R38W, Sec. 7	47.745427	-95.570348	2Bq, 3C, 4A, 4B, 5, 6	MAJ-090216192	N/A
2	Clearwater	Clearwater	9020305	N/A	South	904.7	s-149n38w22-ca	Pine Lake	P	2020	N/A	N/A	N/A	303d Impaired	Mercury	Place Intake/outlet pipe	Water Appropriation	TON, ROW, S0	47.70382	-95.512491	2B, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	N/A	South	906.1	s-149n38w23-aa	Unnamed Stream	I	2016	6.0	3.0	0.5	NA	N/A	Avoid - Utilize Existing Culvert	AR292-c	T149N, R38W, Sec. 26	47.702674	-95.476906	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	N/A	Central	906.8	s-149n38w25-a	Unnamed Stream	I	2014	2.0	2.0	0.5	NA	N/A	Temporary Clear Span Bridge	AR293	T149N, R38W, Sec. 25	47.700081	-95.463166	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	N/A	Central	916.0	s-148n37w20-b	Unnamed Ditch	E	2015	1.0	1.0	0.3	NA	N/A	Avoid / Clear Span Bridge	AR298.1	T148N, R37W, S20, SWSW	47.61863	-95.404707	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-999	Central	917.0	s-148n37w29-b	Unnamed Stream	E	2015	10.0	3.0	0.5	NA	N/A	Temporary Clear Span Bridge	AR300-b	T148N, R37W, Sec. 29	47.605315	-95.394256	2Bq, 3C, 4A, 4B, 5, 6	MAJ-090215954	N/A
2	Clearwater	Mississippi River - Headwaters	7010101	N/A	North	942.4	CLC5102aWB	Unnamed Stream	I	2015	3.0	2.0	0.5	NA	N/A	Temporary Clear Span Bridge	CROW	T144N, R36W, Sec. 2	47.321743	-95.196062	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Mississippi River - Headwaters	7010101	N/A	North	944.6	CLC5113bWB	Unnamed Stream	E	2014	2.0	2.0	5.0	NA	N/A	Avoid / Clear Span Bridge	CROW	T144N, R36W, Sec. 13	47.290854	-95.181381	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Mississippi River - Headwaters	7010101	N/A	North	944.7	CLC5113aWB	Unnamed Ditch	E	2013	2.5	1.0	0.5	NA	N/A	Avoid / Clear Span Bridge	CROW	T144N, R36W, S13, SENW	47.290066	-95.180579	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	7010105	N/A	North	1036.6	s-139n26w7-a	Lake George	P	2019	N/A	N/A	N/A	Public Water	N/A	Place Intake/outlet pipe	Water Appropriation Contingency	T139N, R26W, Sec. 7	46.86659	-94.019065	2Bq, 3C, 4A, 4B, 5, 6	N/A	Yes
3	Cass	Pine River	7010105	N/A	North	1041.2	s-139n26w14-ab	Unnamed Stream	I	2019	4.0	2.0	0.3	NA	N/A	Avoid / Clear Span Bridge	AR711-a	T139N, R26W, Sec. 14	46.855619	-93.943101	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	7010105	07010105-519	North	1041.3	s-139n26w14-aa	Spring Brook	P	2019	30.0	25.0	1.5	Public Water, Trout Stream	N/A	Avoid - Utilize Existing Culvert	AR711	T139N, R26W, S14, SWSW	46.856622	-93.941894	1B, 2Ag, 3B, 4A, 4B, 5, 6	M-106-004-002-001	N/A
3	Cass	Pine River	7010105	N/A	North	1044.0	s-139n25w18-aa	Unnamed Stream	I	2016	2.0	1.0	0.5	NA	N/A	Temporary Clear Span Bridge	AR392-c	T139N, R25W, Sec. 18	46.847868	-93.889657	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	7010105	N/A	North	1044.1	s-139n25w18-ab	Unnamed Stream	I	2016	1.0	1.0	0.5	NA	N/A	Avoid - Utilize Existing Culvert	AR394	T139N, R25W, S18, NWSE	46.851699	-93.887052	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	7010105	N/A	North	1044.1	s-139n25w18-ab	Unnamed Stream	I	2016	1.0	1.0	0.5	NA	N/A	Avoid - Utilize Existing Culvert	AR394	T139N, R25W, S18, NWSE	46.851677	-93.886971	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	7010105	N/A	North	1044.2	s-139n25w18-ac	Unnamed Stream	I	2016	2.0	2.0	1.0	NA	N/A	Temporary Clear Span Bridge	AR394-a	T139N, R25W, Sec. 18	46.854005	-93.885625	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Mississippi River - Grand Rapids	7010103	07010103-999	North	1045.6	s-139n25w5-aa	Unnamed Stream	I	2016	3.0	3.0	1.0	NA	N/A	Temporary Clear Span Bridge	AR394.1-d	T139N, R25W, Sec. 5	46.875815	-93.864164	2Bq, 3C, 4A, 4B, 5, 6	MAJ-07014233_A	N/A
3	Cass	Mississippi River - Grand Rapids	7010103	07010103-999	North	1046.5	s-139n25w4-aa	Unnamed Stream	I	2016	3.0	3.0	2.0	NA	N/A	Temporary Clear Span Bridge	AR394.6	T139N, R25W, Sec. 4	46.876562	-93.841135	2Bq, 3C, 4A, 4B, 5, 6	MAJ-07013496_A	N/A
4	Cass	Mississippi River - Grand Rapids	7010403	N/A	North	4049.7	CA166aWB	Unnamed Stream	I	2013	8.0	3.0	0.6	NA	N/A	Temporary Clear Span Bridge	CROW	T139N, R26W, Sec. 4	46.879066	-93.770644	N/A	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1054.6	s-51n26w29-a	Unnamed Ditch	P	2018	20.0	3.0	2.0	NA	N/A	Avoid - Utilize Existing Culvert	AR531	T51N, R26W, S29, SWSW	46.872217	-93.677616	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1054.6	s-51n26w29-a	Unnamed Ditch	P	2018	20.0	3.0	2.0	NA	N/A	Avoid - Utilize Existing Culvert	AR531	T51N, R26W, S29, SWSW	46.872109	-93.677626	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-999	North	1054.7	s-51n26w20-bb	Unnamed Stream	I	2018	15.0	7.0	3.0	NA	N/A	Avoid - Utilize Existing Culvert	AR624	T51N, R26W, S20, NESW	46.892138	-93.669137	2Bq, 3C, 4A, 4B, 5, 6	MAJ-07014033_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-999	North	1055.3	s-51n26w20-aa	Unnamed Stream	P	2018	40.0	30.0	4.0	NA	N/A	Avoid - Utilize Existing Culvert / Clear Span Bridge	AR624	T51N, R26W, Sec. 20	46.886005	-93.663176	2Bq, 3C, 4A, 4B, 5, 6	MAJ-07014047_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1055.7	s-51n26w33-g	Unnamed Stream	P	2018	15.0	4.0	1.5	NA	N/A	Avoid - Utilize Existing Bridge	AR533-b	T51N, R26W, Sec. 33	46.867041	-93.655448	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-749	North	1055.7	s-51n26w28-aa	Moose River	P	2018	50.0	40.0	8.0	NRI Public Water, 303d Impaired	Dissolved Oxygen	Avoid - Utilize Existing Bridge	AR624	T51N, R26W, Sec. 28	46.874677	-93.654391	2Bq, 3C, 4A, 4B, 5, 6	M-117-012	Yes
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1055.8	s-51n26w33-h	Unnamed Stream	P	2018	10.0	2.0	0.5	NA	N/A	Avoid - Utilize Existing Bridge	AR533-b	T51N, R26W, Sec. 33	46.867024	-93.653797	2Bq, 3C, 4A, 4B, 5, 6	N/A	N/A

Attachment C-2 Line 3 Replacement Project Waterbodies Crossed by Access Roads/Haul Routes

Spread Number	County	Watershed Name	Hydrologic Unit Code (HUC) 8	WID	River Nutrient Region	Milepost	Feature_ID	Waterbody Name	Flow Regime ^a	Survey Date	Top-of-Bank Width (feet)	OHWM Width (feet) ^b	OHWM Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Proposed Impact Type ^e	Project Area ^f	Legal Description	Latitude	Longitude	MPCA Classification	MDNR Killie Number	Wild Rice Present ^g
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1056.6	s-50n26w4-bb	Unnamed Stream	P	2018	5.0	15.0	4.0	N/A	N/A	Avoid - Utilize Existing Culvert	AR701	T50N, R26W, S4, SENE	46.851749	-93.636603	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1056.9	s-50n26w3-bb	Unnamed Stream	P	2018	5.0	15.0	4.0	N/A	N/A	Avoid - Utilize Existing Culvert	AR701	T50N, R26W, S3, SWSW	46.844471	-93.630976	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1058.3	s-51n26w26-a	Unnamed Ditch	P	2018	15.0	10.0	4.0	N/A	N/A	Avoid - Utilize Existing Culvert	HR Improvement	T51N, R26W, S26, NWSE	46.874263	-93.59966	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-999	North	1061.9	s-50n25w16-hb	Unnamed Ditch	P	2019	10.0	5.0	4.0	N/A	N/A	Temporary Clear Span Bridge	HR Corner Improvement	T50N, R25W, Sec. 17	46.826514	-93.528127	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07013159_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-999	North	1061.9	s-50n25w16-hc	Unnamed Ditch	P	2019	10.0	5.0	4.0	N/A	N/A	Temporary Clear Span Bridge	HR Corner Improvement	T50N, R25W, Sec. 8, 9, 16	46.826829	-93.528069	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07017726_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-742	North	1061.9	s-50n25w16-ha	Unnamed Ditch	P	2019	10.0	5.0	4.0	N/A	N/A	Temporary Clear Span Bridge	HR Corner Improvement	T50N, R25W, Sec. 9, 16, 17	46.826679	-93.528111	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07017014_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-748	North	1066.4	s-51n24w31-bb	Willow River	P	2018	70.0	50.0	6.0	NRI Public Water	N/A	Permanent Free Span Bridge	AR541-b / AR708 / CROW	T51N, R24W, Sec. 31	46.861957	-93.431867	2Bg, 3C, 4A, 4B, 5, 6	M-117	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-999	North	1068.2	s-51n24w28-dd	Unnamed Ditch	P	2019	30.0	15.0	3.0	N/A	N/A	Avoid - Utilize Existing Culvert	AR706-a	T51N, R24W, Sec. 33	46.869187	-93.39682	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07018215_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1068.6	s-51n24w28-d	Unnamed Ditch	P	2018	15.0	8.0	4.0	N/A	N/A	Span with In-Stream Support	CROW	T51N, R24W, Sec. 28	46.872837	-93.389769	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	07010103-999	North	1068.6	s-51n24w28-b	Unnamed Ditch	P	2018	30.0	10.0	2.0	N/A	N/A	Avoid - Utilize Existing Culvert	AR543	T51N, R24W, S28, SWSE	46.869189	-93.389386	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07017541_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1073.3	s-51n23w29-aa	Unnamed Stream	I	2018	15.0	5.0	0.5	N/A	N/A	Temporary Clear Span Bridge	AR632-a	T51N, R23W, Sec. 29	46.876941	-93.2909	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1074.7	s-51n23w28-a	Unnamed Stream	I	2018	3.0	1.0	0.5	N/A	N/A	Temporary Clear Span Bridge	AR554	T51N, R23W, Sec. 28	46.876054	-93.262082	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	St. Louis River	4010201	N/A	North	1077.8	s-51n23w24-aa	Unnamed Stream	E	2018	10.0	5.0	1.0	N/A	N/A	Temporary Clear Span Bridge	AR562-b	T51N, R23W, Sec. 24	46.892273	-93.199213	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	St. Louis	St. Louis River	4010201	04010201-999	North	1085.5	s-51n21w6-a	Unnamed Stream	P	2018	20.0	18.0	3.0	N/A	N/A	Temporary Clear Span Bridge	AR556	T51N, R21W, Sec. 17, 18	46.91125	-93.038745	2Bg, 3C, 4A, 4B, 5, 6	S-002-031-002-002	N/A
5	St. Louis	St. Louis River	4010201	04010201-999	North	1085.7	s-51n21w20-aa	Unnamed Stream	P	2018	10.0	4.0	2.0	N/A	N/A	Temporary Clear Span Bridge	Construction Yard	T51N, R21W, Sec. 20	46.895515	-93.03517	2Bg, 3C, 4A, 4B, 5, 6	S-002-031-003	N/A
5	St. Louis	St. Louis River	4010201	04010201-999	North	1087.6	s-51n21w22-a	Unnamed Ditch	P	2018	30.0	3.0	1.0	N/A	N/A	Avoid - Use Adjacent Trail / Clear Span Bridge	AR694-d	T51N, R21W, Sec. 22	46.894315	-92.995772	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	St. Louis	St. Louis River	4010201	04010201-A07	North	1094.0	s-51n20w27-a	Unnamed Stream	P	2019	15.0	6.0	3.0	Public Water	N/A	Place intake/outlet pipe through existing culvert	CROW	T51N, R20W, Sec. 27	46.87724	-92.865241	2Bg, 3C, 4A, 4B, 5, 6	S-002-028	N/A
5	St. Louis	St. Louis River	4010201	04010201-A07	North	1094.1	s-51n20w27-bb	St. Louis River	P	2019	200.0	190.0	3.0	Public Water, 303d Impaired, Canoe Route	Mercury	Place intake/outlet pipe	Water Appropriation	T51N, R20W, Sec. 27	46.876272	-92.876272	2Bg, 3C, 4A, 4B, 5, 6	S-002	N/A
FOND DU LAC RESERVATION BOUNDARY (MPs 1102.6 to 1115.6)																							
5	Carlton	Nemadji River	4010301	N/A	North	1120.1	s-48n17w23-aa	Chub Lake	P	2019	N/A	N/A	N/A	Public Water, Infested Water	N/A	Place intake/outlet pipe	Water Appropriation Contingency	T48N, R17W, Sec. 23	46.631891	-92.458804	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	Nemadji River	4010301	N/A	North	1126.2	CR144cWB	Unnamed Stream	E	2014	1.0	1.0	0.3	N/A	N/A	Temporary Clear Span Bridge	CROW	T48N, R16W, Sec. 34	46.603609	-92.352854	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	Nemadji River	4010301	N/A	North	1126.3	CR144bWB	Unnamed Stream	E	2014	2.0	2.0	2.0	N/A	N/A	Avoid / Clear Span Bridge	AR692	T48N, R16W, S34, NWNE	46.603779	-92.351722	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	Nemadji River	4010301	N/A	North	1126.6	CR145cWB	Unnamed Stream	I	2017	10.0	3.0	0.5	N/A	N/A	Avoid - Utilize Existing Culvert	CROW	T48N, R16W, S34, SWNE	46.599458	-92.349272	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	St. Louis River	4010201	N/A	North	1129.0	CR162bWB	Unnamed Stream	E	2015	2.0	2.0	1.0	N/A	N/A	Temporary Clear Span Bridge	CROW	T48N, R15W, Sec. 31	46.596563	-92.299963	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A

N/A = Not Applicable
^a P = Perennial flow; I = Intermittent flow; E = Ephemeral flow
^b Width of the channel in feet between the Ordinary High Water Mark (OHWM) on both channel banks.
^c Estimated or measured channel depth in feet from the OHWM to the channel bed.
^d Impairments based on MPCA's 2018 EPA-approved Inventory of Impaired Waters per CWA Section 303(d).
^e Proposed waterbody impacts are based on engineering investigations, constructability, and environmental constraints. Refer to Enbridge's Summary of Construction Methods and Procedures (Appendix A of the EPP).
^f CROW = Construction Right-of-Way; HR = Haul Route; AR = Access Road
^g Indicates wild rice was observed in the waterbody where it intersects the project design.