

Attachment C
Receiving Waters Tables

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

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)	OHWL Width (feet) ^b	OHWL Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kittle Number	Wild Rice Present ^k
1	Pembina / Kittson	Middle Red	9020311	09020311-560	Red River	801.8	s-160n50w5-a ^l	Red River of the North	P	2014	450.0	220.0	5.0	Section 10, NDSWC Sovereign Land, NDGF Class I Fishery, NDCC Class I stream, NDGF Wildlife Management Area parcel, USDA-NRCS floodplain easement, MN Public Water, 303d Impaired, Canoe Route, Infested Waters (zebra mussel)	Mercury in fish; Mercury in water column; Arsenic; Turbidity	NHIS mussel / fish species 9 miles downstream	HDD	N/A	Potential restrictions from NDGF Special Use Permit (no construction before July 15 or after August 29); PWI Cool/ Warm Water Fishery (MN) - No in-channel work from March 15 - June 30	N/A	T160N, R50W, S5	48.70529	-97.114806	Yes	1C, 2Bdg, 2C, 3C, 4A, 4B, 5, 6	H-026	N/A
1	Kittson	Middle Red	9020311	N/A	South	802.9	s-160n50w10-a	Unnamed Ditch	I	2014	12.0	3.5	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T160N, R50W, S10 SESW	48.693183	-97.098769	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	N/A	South	803.6	s-160n50w15-a	Unnamed Stream	E	2014	10.0	6.0	0.8	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T160N, R50W, S15 NENE	48.686305	-97.088135	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	N/A	South	803.9	s-160n50w15-b	Unnamed Stream	E	2014	8.0	4.0	2.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T160N, R50W, S14 SWNW	48.68229	-97.083944	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218839	N/A
1	Kittson	Middle Red	9020311	09020311-509	South	805.4	s-160n50w23-a	Unnamed Stream	P	2014	25.0	12.0	3.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span - in stream support	T160N, R50W, S23 NESE	48.665002	-97.066459	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-011-001	N/A
1	Kittson	Middle Red	9020311	N/A	South	805.8	s-160n50w25-a	Unnamed Ditch	I	2014	3.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T160N, R50W, S25 NWNW	48.660469	-97.060838	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	N/A	South	807.0	s-160n50w25-b	Unnamed Ditch	I	2014	3.0	2.5	1.3	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span	T160N, R50W, S25 SESE	48.647511	-97.041513	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	N/A	South	808.4	s-160n49w32-a	Unnamed Ditch	I	2014	10.0	8.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T160N, R49W, S32 SWSW	48.633174	-97.02015	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	N/A	South	808.6	s-160n49w32-b	Unnamed Ditch	I	2014	8.0	2.5	0.3	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T159N, R49W, S5 NWNW	48.631089	-97.017045	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	N/A	South	809.8	s-159n49w4-a	Unnamed Ditch	I	2014	8.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T159N, R49W, S5 SESE	48.619179	-96.999309	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	N/A	South	810.0	s-159n49w4-b	Unnamed Ditch	I	2014	11.0	3.0	0.8	N/A	N/A	N/A	Bore	Open Cut	N/A	Span	T159N, R49W, S4 SWSW	48.617032	-96.996126	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218980	N/A
1	Kittson	Middle Red	9020311	09020311-999	South	810.0	s-159n49w9-a	Unnamed Ditch	I	2014	20.0	5.0	0.5	N/A	N/A	N/A	Bore	Open Cut	N/A	Span - in stream support	T159N, R49W, S4 SWSW	48.616847	-96.995863	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218979	N/A
1	Kittson	Middle Red	9020311	09020311-999	South	811.3	s-159n49w9-b	Unnamed Ditch	I	2014	20.0	5.0	0.5	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T159N, R49W, S9 SESE	48.60354	-96.976554	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	09020311-999	South	811.5	s-159n49w15-a	Unnamed Ditch	I	2014	12.0	12.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T159N, R49W, S15 NWNW	48.601867	-96.974131	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218726	N/A
1	Kittson	Middle Red	9020311	N/A	South	812.7	s-159n49w15-b	Unnamed Ditch	I	2014	12.0	12.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T159N, R49W, S15 SESE	48.588437	-96.955139	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Kittson	Middle Red	9020311	09020311-999	South	812.8	s-159n49w23-b	County Ditch No. 7	I	2014	30.0	20.0	6.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T159N, R49W, S23 NWNW	48.587288	-96.953827	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218599	N/A
1	Kittson	Middle Red	9020311	N/A	South	814.1	s-159n49w23-a	Unnamed Ditch	I	2014	12.0	7.0	1.5	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span	T159N, R49W, S23 SWSE	48.572743	-96.939893	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218366	N/A
1	Kittson	Middle Red	9020311	09020311-999	South	814.1	s-159n49w26-a	Unnamed Ditch	I	2014	10.0	0.3	0.3	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span	T159N, R49W, S26 NWNE	48.572457	-96.939884	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218366	N/A
1	Kittson	Middle Red	9020311	09020311-521	South	815.6	s-159n49w36-a	Judicial Ditch 10	I	2014	20.0	20.0	6.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span - in stream support	T159N, R49W, S25 SESE	48.557517	-96.91262	N/A	2Bg, 3C, 4A, 4B, 5, 6	H-026-011	N/A
1	Marshall	Middle Red	9020311	09020311-531	South	816.9	s-158n48w6-a	Judicial Ditch 3	I	2015	20.0	20.0	4.5	N/A	N/A	N/A	Bore	Open Cut	N/A	Span - in stream support	T158N, R48W, S6 NENE	48.543125	-96.893879	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218759	N/A
1	Marshall	Middle Red	9020311	09020311-999	South	821.0	s-158n48w22-a	Unnamed Ditch	I	2014	12.0	12.0	4.0	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span	T158N, R48W, S22 NENW	48.499631	-96.836399	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218433	N/A
1	Marshall	Middle Red	9020311	N/A	South	821.1	s-158n48w22-b	Unnamed Ditch	I	2014	8.0	8.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T158N, R48W, S22 NENW	48.49844	-96.83486	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Middle Red	9020311	09020311-999	South	823.5	s-158n48w35-a	Unnamed Ditch	I	2014	5.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T158N, R48W, Sec. 35	48.4707171	-96.80201869	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Middle Red	9020311	N/A	South	825.4	s-157n47w6-a	Unnamed Ditch	I	2014	5.0	3.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T157N, R47W, S6 NWSW	48.448656	-96.780063	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Middle Red	9020311	09020311-999	South	825.7	s-157n47w6-b	Unnamed Ditch	I	2014	8.0	1.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T157N, R47W, S6 SESW	48.44564	-96.774511	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218220	N/A
1	Marshall	Middle Red	9020311	09020311-503	South	828.6	s-157n47w16-aa ^l	Tamarac River	P	2018	50.0	20.0	3.0	Public Water, 303d Impaired	Aquatic macroinvertebrate bioassessments; Fishes bioassessments	N/A	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Temporary Clear Span	T157N, R47W, S16 SWSW	48.415892	-96.732695	Yes	1C, 2Bdg, 2C, 3C, 4A, 4B, 5, 6	H-026-019	N/A
1	Marshall	Middle Red	9020311	09020311-999	South	831.0	s-157n47w26-c	Unnamed Stream	E	2014	10.0	4.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T157N, R47W, S26 SWNW	48.391842	-96.690959	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218249	N/A
1	Marshall	Middle Red	9020311	09020311-999	South	831.2	s-157n47w26-d	Unnamed Stream	I	2014	15.0	8.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T157N, R47W, S26 NESW	48.389676	-96.687974	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218374	N/A
1	Marshall	Middle Red	9020311	09020311-999	South	831.4	s-157n47w26-d	Unnamed Stream	I	2014	15.0	8.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T157N, R47W, S26 NESW	48.387886	-96.685664	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218374	N/A
1	Marshall	Middle Red	9020311	N/A	South	831.7	s-157n47w26-b	Unnamed Ditch	I	2014	15.0	10.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T157N, R47W, S35 NWNE	48.384349	-96.681183	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218215	N/A

Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction

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)	OHWL Width (feet) ^b	OHWL Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kettle Number	Wild Rice Present ^k
1	Marshall	Middle Red	9020311	N/A	South	832.8	s-157n47w36-b	Unnamed Ditch	I	2014	11.0	4.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T157N, R47W, S36 SESW	48.37332	-96.665754	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Middle Red	9020311	09020311-999	South	833.1	s-157n47w36-a	Unnamed Ditch	I	2014	19.0	10.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T157N, R47W, S36 SESW	48.36988	-96.660781	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090218691	N/A
1	Marshall	Middle Red	9020311	N/A	South	833.6	s-156n47w1-a	Unnamed Ditch	I	2014	15.0	10.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T156N, R47W, S1 SWNW	48.364225	-96.65264	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	09020309-999	South	834.1	s-156n47w1-b	Unnamed Stream	E	2014	32.0	7.0	0.4	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T156N, R47W, S1 SWNW	48.359877	-96.64621	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090217643	N/A
1	Marshall	Snake	9020309	N/A	South	835.0	s-156n47w12-a	Unnamed Ditch	I	2014	20.0	11.0	1.5	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T156N, R47W, S12 SENE	48.350402	-96.631177	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	835.0	s-156n46w7-a	Unnamed Ditch	I	2014	25.0	7.0	1.0	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T156N, R46W, S7 SWNW	48.350158	-96.630788	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	835.2	s-156n46w7-b	Unnamed Ditch	I	2014	25.0	2.5	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T156N, R46W, S7 SWNW	48.348267	-96.627763	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	09020309-540	South	836.0	s-156n46w7-c	Middle River	P	2014	45.0	30.0	2.0	NRI, Public Water, 303d Impaired	Aquatic macroinvertebrate bioassessments; Dissolved oxygen; Turbidity	N/A	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T156N, R46W, S7 SWSE	48.341569	-96.617902	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-021-004	Yes
1	Marshall	Snake	9020309	N/A	South	837.2	s-156n46w17-a	Unnamed Ditch	I	2014	20.0	10.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T156N, R46W, S17 SWSE	48.327217	-96.598691	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	838.0	s-156n46w21-a	Unnamed Ditch	I	2014	26.0	9.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T156N, R46W, S21 NWSW	48.319102	-96.587305	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	09020309-999	South	838.1	s-156n46w21-b	Unnamed Stream	E	2014	37.0	8.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T156N, R46W, S21 NWSW	48.317435	-96.585332	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090217515	N/A
1	Marshall	Snake	9020309	09020309-999	South	839.1	s-156n46w28-a	Unnamed Stream	I	2014	12.0	11.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T156 R46W Sec. 28	48.303405	-96.577012	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090217590	N/A
1	Marshall	Snake	9020309	N/A	South	842.5	s-155n46w1-a	Unnamed Ditch	I	2014	2.0	2.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T155N, R46W, S1 NWSW	48.272659	-96.518901	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	09020309-543	South	843.2	s-155n46w12-a ^l	Snake River	P	2014	30.0	25.0	0.5	Public Water, 303d Impaired	Dissolved oxygen; E. coli; Aquatic macroinvertebrate bioassessments; Fishes bioassessments	N/A	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T155N, R46W, S12 NWNE	48.265427	-96.509462	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-021	N/A
1	Marshall	Snake	9020309	N/A	South	846.9	s-155n45w21-b	Unnamed Ditch	I	2014	2.5	1.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T155N, R45W, S21 SWSW	48.225279	-96.454252	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	09020309-546	South	847.2	s-155n45w28-a	South Branch Snake River	P	2014	24.0	20.0	5.0	Public Water, 303d Impaired	Fishes bioassessments	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span - in stream support	T155N, R45W, S28 NENW	48.222935	-96.450912	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-021-010	N/A
1	Marshall	Snake	9020309	N/A	South	848.2	s-155n45w28-c	Unnamed Ditch	I	2014	10.0	4.0	0.5	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span	T155N, R45W, S28 SESE	48.211234	-96.438924	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	848.2	s-155n45w33-a	Unnamed Ditch	I	2014	25.0	10.0	2.0	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T155N, R45W, S33 NENE	48.210966	-96.438904	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	848.9	s-155n45w34-b	Unnamed Stream	E	2014	36.0	6.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T155N, R45W, S34 SENW	48.205327	-96.426261	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	849.1	s-155n45w34-c	Unnamed Ditch	I	2014	3.0	2.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T155N, R45W, S34 NESW	48.203696	-96.424053	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	849.4	s-155n45w34-d	Unnamed Stream	E	2014	25.0	2.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T155N, R45W, S34 SWSE	48.199939	-96.418495	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Grand Marais-Red	9020306	N/A	South	851.1	s-154n45w2-a	Unnamed Ditch	I	2014	12.0	3.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T154N, R45W, S2 SESE	48.182344	-96.395017	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Grand Marais-Red	9020306	N/A	South	851.1	s-154n45w11-b	Unnamed Ditch	I	2014	20.0	8.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T154N, R45W, S11 NENE	48.182202	-96.394871	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Marshall	Grand Marais-Red	9020306	N/A	South	851.4	s-154n45w11-a	Unnamed Ditch	I	2014	17.0	6.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T154N, R45W, S11 SENE	48.178076	-96.390619	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	09020303-565	South	852.9	s-154n44w18-a	Unnamed Ditch	I	2014	14.0	10.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T154N, R44W, S20 SWSE	48.162364	-96.368297	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090211537	N/A
1	Pennington	Red Lake	9020303	09020303-557	South	855.0	s-154n44w20-a_DESKTOP	Black River ⁱ	N/A	2016	N/A	N/A	N/A	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T154N, R44W, S18 SWNW	48.14019543	-96.33731334	N/A	2Bm, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	09020303-999	South	858.7	s-153n44w3-a	Unnamed Ditch	I	2014	30.0	15.0	4.0	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T153N, R44W, S3 SENE	48.101289	-96.284351	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090211676	N/A
1	Pennington	Red Lake	9020303	09020303-999	South	860.1	s-153n44w11-a	Unnamed Ditch	I	2014	40.0	10.0	3.0	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T153N, R44W, S11 SENE	48.08634	-96.263036	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090212356	N/A

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

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)	OHWL Width (feet) ^b	OHWL Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kettle Number	Wild Rice Present ^k
1	Pennington	Red Lake	9020303	09020303-999	South	861.7	s-153n44w13-a	Unnamed Ditch	I	2014	40.0	25.0	4.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T153N, R44W, S13 NESE	48.067929	-96.241293	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090211843	N/A
1	Pennington	Red Lake	9020303	N/A	South	862.1	s-153n43w18-a	Unnamed Ditch	I	2014	25.0	12.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T153N, R43W, S18 SWSW	48.064113	-96.236588	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	N/A	South	862.1	s-153n43w19-a	Unnamed Ditch	I	2014	15.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T153N, R43W, S19 NWNW	48.063948	-96.236355	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	N/A	South	863.3	s-153n43w19-b	Unnamed Ditch	I	2014	20.0	8.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T153N, R43W, S19 SESE	48.051063	-96.219768	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	N/A	South	863.3	s-153n43w20-a	Unnamed Ditch	I	2014	20.0	10.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T153N, R43W, S20 SWSW	48.050876	-96.219538	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	N/A	South	863.4	s-153n43w20-a	Unnamed Ditch	I	2014	20.0	10.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T153N, R43W, S20 SWSW	48.049655	-96.218043	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	09020303-513	South	864.3	s-153n43w29-a	Red Lake River	P	2014	230.0	215.0	2.0	Section 10, NRI, Public Water, 303d Impaired, Canoe Route	Mercury in fish	NHIS mussels 3-9 miles downstream Saint Hilaire DWWSMA 3 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T153N, R43W, S29 Meandered waterbody	48.039535	-96.205976	Yes	1C, 2Bdg, 2C, 3C, 4A, 4B, 5, 6	H-026-030	Yes
1	Pennington	Red Lake	9020303	09020303-541	South	864.7	s-153n43w32-a	County Ditch 21	I	2014	10.0	10.0	2.0	N/A	N/A	NHIS mussels 3-9 miles downstream Saint Hilaire DWWSMA 3 miles downstream	HDD	N/A	N/A	N/A	T153N, R43W, S29 SESE	48.035082	-96.199621	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090211546	N/A
1	Pennington	Red Lake	9020303	N/A	South	865.1	s-153n43w33-a	Unnamed Ditch	I	2014	18.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T153N, R43W, S33 NWNW	48.031461	-96.193216	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	09020303-567	South	867.4	s-152n43w4-a	Unnamed Ditch	I	2014	40.0	12.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T152N, R43W, S4 SESE	48.006781	-96.161232	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090211530	N/A
1	Pennington	Red Lake	9020303	N/A	South	869.5	s-152n43w14-a	Unnamed Ditch	I	2014	18.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T152N, R43W, S14 NWSW	47.983896	-96.132567	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	09020303-999	South	869.7	s-152n43w14-b	Unnamed Ditch	I	2014	24.0	12.0	2.0	Public Water	N/A	N/A	Bore	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span - in stream support	T152N, R43W, S14 NESW	47.981373	-96.129118	N/A	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-028	N/A
1	Pennington	Red Lake	9020303	09020303-999	South	869.7	s-152n43w14-c	Unnamed Ditch	I	2014	35.0	18.0	5.0	N/A	N/A	N/A	Bore	Open Cut	N/A	Span - in stream support	T152N, R43W, S14 SESW	47.981189	-96.128868	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090211654	N/A
1	Pennington	Red Lake	9020303	N/A	South	870.4	s-152n43w23-a	Unnamed Stream	E	2014	6.0	2.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T152N, R43W, S23 SENE	47.974036	-96.119151	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Pennington	Red Lake	9020303	N/A	South	871.3	s-152n43w24-b	Unnamed Ditch	I	2014	6.0	9.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T152N, R43W, S24 SWSE	47.964586	-96.106386	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Red Lake	9020303	09020303-999	South	871.3	s-152n43w24-c	Unnamed Ditch	I	2014	20.0	10.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T152N, R43W, S24 SWSE	47.963622	-96.105213	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090211727	N/A
1	Red Lake	Red Lake	9020303	09020303-999	South	872.0	s-152n42w30-a	Unnamed Ditch	I	2014	14.0	4.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T152N, R42W, S30 SWNW	47.956504	-96.096351	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090212509	N/A
1	Red Lake	Red Lake	9020303	09020303-999	South	872.4	s-152n42w30-b	Unnamed Ditch	I	2014	20.0	3.0	0.3	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T152N, R42W, S30 SESW	47.952051	-96.091196	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090212455	N/A
1	Red Lake	Red Lake	9020303	N/A	South	873.3	s-152n42w31-a	Unnamed Ditch	I	2014	12.0	8.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T152N, R42W, S31 NESE	47.941249	-96.078262	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Red Lake	9020303	09020303-999	South	873.8	s-152n42w32-b	Unnamed Ditch	I	2014	18.0	12.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T152N, R42W, S32 SWSW	47.936308	-96.072213	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090212661	N/A
1	Red Lake	Red Lake	9020303	N/A	South	873.9	s-152n42w32-a	Unnamed Ditch	I	2014	18.0	1.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T152N, R42W, S32 SWSW	47.934661	-96.070248	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Clearwater	9020305	09020305-648	South	875.4	s-151n42w4-a ^l	Clearwater River	P	2014	70.0	60.0	3.0	Public Water, 303d Impaired	Mercury in fish; Turbidity	NHIS mussels 2-6 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Temporary Clear Span	T151N, R42W, S9 NENW	47.91956	-96.048284	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019	Yes
1	Red Lake	Clearwater	9020305	N/A	South	882.4	s-151n41w28-c	Unnamed Ditch	I	2014	20.0	12.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T151N, R41W, S28 SWSW	47.864683	-95.923469	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Clearwater	9020305	N/A	South	882.8	s-151n41w28-b	Unnamed Ditch	I	2014	18.0	8.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T151N, R41W, S28 SESW	47.862558	-95.916783	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Clearwater	9020305	N/A	South	882.8	s-151n41w28-a	Unnamed Ditch	I	2014	20.0	12.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T151N, R41W, S28 SESW	47.862477	-95.916533	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Clearwater	9020305	N/A	South	882.8	s-151n41w33-b	Unnamed Ditch	I	2014	20.0	7.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T151N, R41W, S33 NENW	47.862289	-95.915953	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

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)	OHWL Width (feet) ^b	OHWL Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kettle Number	Wild Rice Present ^k
1	Red Lake	Clearwater	9020305	N/A	South	883.5	s-151n41w33-a	Unnamed Ditch	I	2014	13.0	5.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T151N, R41W, S33 SENE	47.857812	-95.902159	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Clearwater	9020305	09020305-999	South	884.7	s-151n41w35-a	Unnamed Ditch	I	2014	60.0	16.0	2.0	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T151N, R41W, S35 SWSW	47.850696	-95.880092	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090215241	N/A
1	Red Lake	Clearwater	9020305	N/A	South	885.7	s-150n41w1-a	Unnamed Ditch	I	2014	50.0	15.0	1.5	N/A	N/A	N/A	Bore	Dry Crossing	N/A	Span - in stream support	T150N, R41W, S1 NWNW	47.845575	-95.858322	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Red Lake	Clearwater	9020305	09020305-646	South	885.8	s-150n41w1-b	Lost River	P	2014	80.0	50.0	3.0	Section 408, Public Water	N/A	NHIS mussels downstream	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span - in stream support	T150N, R41W, S1 NWNW	47.845344	-95.856877	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007	Yes
1	Red Lake	Clearwater	9020305	09020305-999	South	886.7	s-150n41w1-c	Unnamed Ditch	I	2014	75.0	20.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R41W, S1 NWSW	47.838192	-95.842189	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090215772	N/A
1	Polk	Clearwater	9020305	09020305-999	South	888.0	s-150n40w7-a	Unnamed Ditch	I	2014	25.0	12.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R40W, S7 SENE	47.829756	-95.816486	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090215951	N/A
1	Polk	Clearwater	9020305	N/A	South	888.0	s-150n40w8-a	Unnamed Ditch	I	2014	15.0	5.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R40W, S8 SWNW	47.829678	-95.816248	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	N/A	South	889.6	s-150n40w9-a	Unnamed Ditch	I	2014	20.0	8.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R40W, S9 SESW	47.819395	-95.784786	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	09020305-590	South	889.7	s-150n40w16-a	State Ditch No. 61	I	2014	60.0	20.0	4.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R40W, S16 NWNE	47.818997	-95.78355	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090214966	N/A
1	Polk	Clearwater	9020305	09020305-999	South	890.2	s-150n40w15-a	Unnamed Ditch	I	2014	10.0	4.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T150N, R40W, S16 NENE	47.815722	-95.773557	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090216211	N/A
1	Polk	Clearwater	9020305	N/A	South	890.8	s-150n40w15-b	Unnamed Ditch	I	2014	40.0	12.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R40W, S15 SENW	47.81216	-95.762821	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	09020305-999	South	890.8	s-150n40w15-c	Unnamed Ditch	I	2014	50.0	20.0	5.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R40W, S15 SWNE	47.812072	-95.76258	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090216518	N/A
1	Polk	Clearwater	9020305	N/A	South	891.3	s-150n40w14-a	Unnamed Ditch	I	2014	30.0	15.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R40W, S14 NWSW	47.808611	-95.752094	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	N/A	South	892.4	s-150n40w23-a	Unnamed Ditch	I	2014	35.0	10.0	1.5	N/A	N/A	N/A	Bore	Open Cut	N/A	Span - in stream support	T150N, R40W, S23 NENE	47.801758	-95.730794	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	09020305-999	South	893.3	s-150n39w19-a	Unnamed Ditch	I	2014	14.0	3.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R39W, S19 NWNW	47.803862	-95.708921	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090215880	N/A
1	Polk	Clearwater	9020305	N/A	South	893.7	s-150n39w19-c	Unnamed Ditch	I	2014	8.0	6.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T150N, R39W, S19 NWSW	47.797673	-95.70419	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	N/A	South	893.9	s-150n39w19-d	Unnamed Ditch	I	2014	15.0	12.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R39W, S19 NESW	47.794172	-95.700493	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	09020305-999	South	894.2	s-150n39w30-a	County Ditch No. 89	I	2014	15.0	10.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T150N, R39W, S19 SWSE	47.79051	-95.696626	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090216406	N/A
1	Polk	Clearwater	9020305	N/A	South	894.8	s-150n39w29-a	Unnamed Ditch	I	2014	12.0	8.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T150N, R39W, S30 SENE	47.783673	-95.687389	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	N/A	South	894.8	s-150n39w29-b	Unnamed Ditch	I	2014	12.0	8.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T150N, R39W, S30 SENE	47.78361	-95.687179	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	Polk	Clearwater	9020305	09020305-999	South	894.9	s-150n39w29-c	Unnamed Ditch	I	2014	12.0	8.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T150N, R39W, S30 SENE	47.783211	-95.68583	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-999	South	900.8	s-149n38w7-d_DESKTOP	Unnamed Stream ^l	N/A	2014	N/A	N/A	N/A	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T149N, R38W, Sec. 7	47.74423092	-95.57316412	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-999	South	901.1	s-149n38w7-c	Unnamed Ditch	I	2014	8.0	5.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T149N, R38W, S7 SWNE	47.742412	-95.567492	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090215927	N/A
2	Clearwater	Clearwater	9020305	09020305-999	South	902.0	s-149n38w8-a	Unnamed Ditch	I	2014	8.0	3.0	1.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T149N, R38W, S8 NESW	47.736602	-95.549381	N/A	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007-007	N/A
2	Clearwater	Clearwater	9020305	N/A	South	902.0	s-149n38w8-b	Unnamed Ditch	I	2014	10.0	7.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T149N, R38W, S8 NESW	47.736514	-95.549103	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	N/A	South	902.1	s-149n38w8-c	Unnamed Ditch	I	2014	8.0	5.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T149N, R38W, S8 NWSE	47.736449	-95.548896	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	N/A	South	902.7	s-149n38w9-a	Unnamed Ditch	I	2014	18.0	7.0	1.5	N/A	N/A	N/A	Bore	Open Cut	N/A	Span - in stream support	T149N, R38W, S9 SWSW	47.731741	-95.536338	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-999	South	902.9	s-149n38w16-a	Unnamed Stream	I	2014	18.0	8.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span - in stream support	T149N, R38W, S16 NWNW	47.730541	-95.533418	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090214818	N/A
2	Clearwater	Clearwater	9020305	09020305-512	South	904.0	s-149n38w15-a ^m	Lost River	P	2014	30.0	18.0	3.0	Public Water; 303d Impaired	E. Coli	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span - in stream support	T149N, R38W, S15 NWSW	47.721857	-95.512996	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007	N/A

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

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)	OHWL Width (feet) ^b	OHWL Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kittle Number	Wild Rice Present ^k
2	Clearwater	Clearwater	9020305	09020305-527	Central	907.1	CL018bWB	Silver Creek	P	2014	20.0	12.0	3.0	Public Water, 303d Impaired	Fecal Coliform; Aquatic macroinvertebrate bioassessments	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T149N, R38W, S25, SENE	47.698832	-95.456331	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007-005	N/A
2	Clearwater	Clearwater	9020305	09020305-527	Central	907.4	CL019bWB	Silver Creek	P	2014	22.0	22.0	8.0	Public Water, 303d Impaired	Fecal Coliform; Aquatic macroinvertebrate bioassessments	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T149N, R37W, S30, NWSW	47.695855	-95.45092	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007-005	N/A
2	Clearwater	Clearwater	9020305	09020305-527	Central	907.7	s-149n37w30-a	Silver Creek	P	2014	16.0	12.0	2.0	Public Water, 303d Impaired	Fecal Coliform; Aquatic macroinvertebrate bioassessments	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span - in stream support	T149N, R37W, S30 NESW	47.693694	-95.444815	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007-005	N/A
2	Clearwater	Clearwater	9020305	N/A	Central	908.4	CL020aWB	Unnamed Ditch	I	2014	1.5	1.5	1.5	N/A	N/A	N/A	Bore	Open Cut	N/A	Span	T149N, R37W, S30 SESE	47.689598	-95.431086	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-571	Central	908.8	s-149n37w29-a_DESKTOP	Unnamed Creek ^l	N/A	2013	N/A	N/A	N/A	Public Water	N/A	N/A	Dry Crossing	Open Cut	N/A	N/A	T149N, R37W, Sec. 29	47.6890093	-95.42261428	N/A	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007-005-001	N/A
2	Clearwater	Clearwater	9020305	09020305-572	Central	909.2	CL022_200aWB	Unnamed Stream	P	2014	1.5	1.5	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T149N, R37W, S29 SWSE	47.689612	-95.415962	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090216465	N/A
2	Clearwater	Clearwater	9020305	09020305-572	Central	909.8	CL022_200aWB	Unnamed Stream	P	2014	1.5	1.5	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T149N, R37W, S29 SWSE	47.689885	-95.416094	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090216465	N/A
2	Clearwater	Clearwater	9020305	09020305-571	Central	910.1	s-149n37w29-a_DESKTOP	Unnamed Creek ^l	N/A	2013	N/A	N/A	N/A	Public Water	N/A	N/A	Dry Crossing	Open Cut	N/A	N/A	T149N, R37W, Sec. 29 SESW	47.6890093	-95.42261428	N/A	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007-005-001	N/A
2	Clearwater	Clearwater	9020305	09020305-999	Central	910.9	s-149n37w32-b	Unnamed Stream	P	2014	8.0	8.0	1.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T149, R37W, Sec. 32 SWNW	47.68214	-95.426796	N/A	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-007-005-001	N/A
2	Clearwater	Clearwater	9020305	09020305-571	Central	910.9	s-149n37w32-e_DESKTOP	Unnamed Stream ^l	N/A	2015	N/A	N/A	N/A	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	N/A	T149N, R37W, Sec. 32	47.68177627	-95.42588505	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-572	Central	911.5	CLC5020_300aWB	Unnamed Stream	I	2013/2014	6.0	3.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T149, R37W, Sec. 32	47.68112	-95.413752	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-090216465	N/A
2	Clearwater	Clearwater	9020305	N/A	Central	915.3	s-148n37w20-a	Unnamed Stream	I	2017	4.0	2.5	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T148 R37W Sec. 20	47.628322	-95.400682	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	09020305	09020305-999	Central	917.1	CLC5018aWB	Unnamed Stream	E	2013	3.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T148N, R37W, S29, SESW	47.603846	-95.395001	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	09020305	09020305-517	North	922.3	CLC5037aWB ^l	Clearwater River	P	2013	42.0	42.0	2.0	NRI, Public Water, Impaired	Dissolved Oxygen; Mercury in fish	NHIS mussels 7-9 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T147N, R37W, S21, NESW	47.532476	-95.374322	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019	Yes
2	Clearwater	Clearwater	09020305	N/A	North	922.3	CLC5038aWB	Tributary of Clearwater River	P	2013	12.0	12.0	2.0	N/A	N/A	NHIS mussels 7-9 miles downstream	HDD	N/A	N/A	N/A	T147N, R37W, S21, NESW	47.532057	-95.373991	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	09020305	09020305-509	North	924.2	CLC5048aWB	Walker Brook	P	2013	20.0	20.0	5.0	Public Water, 303d Impaired	Dissolved Oxygen	N/A	Modified Dry Crossing	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T147N, R37W, S34, SWNE	47.508786	-95.350037	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-029	N/A
2	Clearwater	Clearwater	09020305	09020305-999	North	925.4	CLC5051aWB	Unnamed Stream	P	2013	10.0	8.0	4.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T146N, R37W, S2, SWNW	47.495036	-95.335995	Yes	2Bg, 3C, 4A, 4B, 5, 6	H-025-030-019-029-001	N/A
2	Clearwater	Clearwater	09020305	N/A	North	928.4	s-146n36w8-c	Unnamed Stream	E	2017	6.0	1.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T146 R36W Sec. 8	47.475601	-95.28773	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Clearwater	Clearwater	9020305	09020305-999	North	928.5	s-146n36w8-a	Walker Brook	P	2017	18.0	7.0	4.0	Public Water	N/A	N/A	Modified Dry Crossing	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T146 R36W Sec. 8 NWSW	47.475938	-95.284696	N/A	2Bg, 3C, 4A, 4B, 5, 6	H-026-030-019-029	N/A
2	Clearwater	Mississippi River - Headwaters	7010101	07010101-999	North	931.6	s-146n36w15-b	Unnamed Stream	P	2018	10.0	8.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T146 R36W Sec. 10	47.464865	-95.232766	N/A	2Bg, 3C, 4A, 4B, 5, 6	M-161-004-009	N/A
2	Clearwater	Mississippi River - Headwaters	7010101	07010101-738	North	931.7	s-146n36w15-a	Unnamed Stream	P	2017	15.0	9.0	3.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T146 R36W Sec. 15 SWNE	47.464658	-95.231733	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-161-004-009	N/A
2	Clearwater	Mississippi River - Headwaters	7010101	07010101-738	North	932.6	s-146n36w23-b	Unnamed Stream	P	2017	10.0	6.0	2.0	Public Water	N/A	N/A	Bore	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T146 R36W Sec. 23 NWNW	47.45582	-95.221713	N/A	2Bg, 3C, 4A, 4B, 5, 6	M-161-004-009	N/A
2	Clearwater	Mississippi River - Headwaters	07010101	07010101-631	North	940.1	CLC5095aWB	Bear Creek	P	2013	15.0	15.0	3.5	Public Water	N/A	NHIS mussels upstream or downstream	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T145N, R36W, S26, SENW	47.350412	-95.218902	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-164	N/A
2	Clearwater	Mississippi River - Headwaters	07010101	07010101-753	North	941.1	CLC5098aWB ^l	Mississippi River	P	2013	13.0	12.5	3.5	Public Water, 303d Impaired, Canoe Route, ORWW	Mercury in fish	NHIS mussels 3.5 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Temporary Clear Span	T145N, R36W, S35, NWNE	47.338322	-95.210043	Yes	2Bg, 3C, 4A, 4B, 5, 6	M	N/A
2	Hubbard	Mississippi River - Headwaters	07010101	07010101-635	North	946.0	HUC5002aWB	La Salle Creek	P	2013	13.0	13.0	3.0	Public Water, Trout Stream, Aquatic Management Area	N/A	N/A	Dry Crossing	Open Cut	PWI COLDWATER FISHERY - No in-channel work from September 1 - June 30	Span in-stream support	T144N, R35W, S19, SWNW	47.276458	-95.167842	Yes	1B, 2Ag, 2C, 3B, 4A, 4B, 5, 6	M-163	N/A
2	Hubbard	Crow Wing River	07010106	07010106-999	North	961.4	HUC5070aWB	Unnamed Stream	P	2013	6.0	4.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T141N, R35W, S5 NENW	47.062956	-95.141998	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-070119105_A	N/A

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

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)	OHWB Width (feet) ^b	OHWB Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kittle Number	Wild Rice Present ^k
2	Hubbard	Crow Wing River	07010106	07010106-999	North	962.3	HUC5074aWB	Unnamed Stream	P	2013	4.0	3.0	1.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T141N, R35W, S8, NWNE	47.05097	-95.140839	N/A	2Bg, 3C, 4A, 4B, 5, 6	M-096-035-002-004-000.5	N/A
2	Hubbard	Crow Wing River	07010106	07010106-618	North	963.7	HUC5081aWB	Hay Creek	P	2013	N/A	N/A	N/A	Public Water	N/A	NHIS fish species 2-5 miles downstream NHIS mussels 8.5-8.6 miles downstream Wild rice waters	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T141N, R35W, S17, SENW	47.030611	-95.145041	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-096-035-002	Yes
2	Hubbard	Crow Wing River	7010106	07010106-999	North	965.3	s-141n35w20-a_DESKTOP	Unnamed Ditch	N/A	2013	N/A	N/A	N/A	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	N/A	T141N, R35W, Sec. 20	47.00770882	-95.14660224	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
2	Hubbard	Crow Wing River	07010106	07010106-558	Central	974.2	HUC5122_200aWB	Straight River	P	2013	90.0	90.0	10.0	Public Water, Trout Stream, 303d Impaired	Dissolved Oxygen	NHIS mussels 2.5-7.5 miles downstream	HDD	N/A	PWI COLDWATER FISHERY - No in-channel work from September 1 - June 30	N/A	T139N, R35W, S6, NESE	46.882347	-95.143044	Yes	1B, 2Ag, 3B, 4A, 4B, 5, 6	M-096-035-002-002	N/A
3	Hubbard	Crow Wing River	07010106	07010106-537	Central	976.6	HUC5130aWB	Shell River	P	2013	24.0	24.0	4.0	Public Water, 303d Impaired	Fishes bioassessments	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T139N, R35W, S19, NENE	46.847405	-95.146742	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-096-035-004	N/A
3	Hubbard	Crow Wing River	07010106	07010106-537	Central	981.4	HUC5162aWB	Shell River	P	2013	20.0	20.0	5.0	Public Water, 303d Impaired	Fishes bioassessments	NHIS mussels downstream	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T139N, R35W, S33, NESE	46.811305	-95.105465	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-096-035-004	N/A
3	Hubbard	Crow Wing River	07010106	07010106-536	Central	983.7	HUC5175aWB	Shell River	P	2013	70.0	60.0	6.0	Public Water	N/A	NHIS mussels 6-6.7 miles downstream Wild rice waters	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T139N, R35W, S36, SWNW	46.814946	-95.057276	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-096-035	Yes
3	Hubbard	Crow Wing River	07010106	07010106-679	Central	985.4	HUC5179_240aWB	Oxbow Pond (Shell River)	P	2013	75.0	70.0	5.0	Public Water	N/A	NHIS mussels 6-6.7 miles downstream Wild rice waters	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Temporary Clear Span	T139N, R34W, S31, NWNE	46.819799	-95.024903	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-096-035	Yes
3	Wadena	Crow Wing River	07010106	07010106-681	Central	991.2	WA002aWB ^o	Shell River	P	2014	400.0	210.0	5.0	NRI, Public Water, 303d Impaired, Infested Water (faucet snail)	Dissolved oxygen	NHIS mussels 1.5-7 miles downstream NHIS fish 1.5-8 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T138N, R34W, S1, SWNE	46.799062	-94.918355	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-096-035	Yes
3	Wadena	Crow Wing River	07010106	07010106-516	Central	993.3	WA006aWB ^o	Crow Wing River	P	2014	500.0	210.0	7.0	NRI, Public Water, 303d Impaired, Canoe Route, Infested Water (faucet snail)	Mercury in fish	NHIS mussels 3 miles downstream NHIS fish 0-4 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T138N, R33W, S5, NESE	46.794747	-94.875677	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-096	Yes
3	Wadena	Crow Wing River	07010106	N/A	Central	996.5	WA017aWB	Unnamed Stream	P	2014	8.0	8.0	6.0	N/A	N/A	N/A	Modified Dry Crossing	N/A	N/A	Span	T138N, R33W, S2, SESW	46.790474	-94.809339	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Crow Wing River	07010106	N/A	Central	999.1	CAC5001_540bWB	Unnamed Ditch	I	2014	10.0	3.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T138N, R33W, S2, SWSE	46.78983	-94.754563	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Crow Wing River	07010106	N/A	Central	999.2	CAC5001_540aWB	Unnamed Ditch	I	2014	10.0	8.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T138N, R32W, S5, SESE	46.789814	-94.752729	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Crow Wing River	07010106	N/A	Central	999.6	CAC5006aWB	Unnamed Ditch	I	2014	8.0	5.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T138N, R32W, S5, SESE	46.789737	-94.743745	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Crow Wing River	07010106	07010106-531	Central	1000.5	CAC5007aWB	Big Swamp Creek	P	2013	42.0	42.0	5.0	Public Water	N/A	N/A	Push-Pull	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T138N, R32W, S4, SESE	46.79162	-94.725508	N/A	2C, 3C, 4A, 4B, 5, 6	M-096-030	N/A
3	Cass	Crow Wing River	07010106	07010106-999	Central	1001.2	CAC5010aWB	Unnamed Stream	P	2013	4.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T138N, R32W, S3, SWSE	46.79177	-94.710748	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	07010105	07010105-669	North	1017.4	CA063aWB	Pine River	P	2013	100.0	100.0	2.0	Public Water, Canoe Route	N/A	N/A	HDD	Dry Crossing	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Temporary Clear Span	T138N, R29W, S8, NESW	46.781462	-94.377479	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-106	Yes
3	Crow Wing	Pine River	07010105	07010105-999	North	1021.5	CW014aWB	Unnamed Stream	P	2013	6.0	6.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T138N, R29W, S12, NWSW	46.779515	-94.297958	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Crow Wing	Pine River	07010105	N/A	North	1022.6	CW021aWB ^o	Unnamed Stream	P	2013	100.0	12.0	1.0	N/A	N/A	N/A	Push-Pull	Open Cut	N/A	Span in-stream support	T138N, R29W, S1, SESE	46.791248	-94.282757	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Crow Wing	Pine River	07010105	N/A	North	1023.6	CW027aWB	Unnamed Stream	P	2013	5.0	2.5	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T138N, R28W, S6, NWNE	46.80309	-94.2674	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	07010105	07010105-601	North	1026.4	CA085aWB	Ada Brook / Blind Lake Creek	P	2013	60.0	50.0	3.5	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T139N, R28W, S28, NWNE	46.830899	-94.22705	N/A	2Bg, 3C, 4A, 4B, 5, 6	M-106-014-002	N/A
3	Cass	Pine River	07010105	N/A	North	1029.1	CA096aWB	Unnamed Stream	P	2013	N/A	10.0	N/A	N/A	N/A	N/A	Modified Dry Crossing	N/A	N/A	Span in-stream support	T139N, R28W, S25, NWNW	46.830595	-94.17212	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Leech Lake River	07010102	N/A	North	1030.5	CA104aWB	Unnamed Stream	P	2013	8.0	4.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T139N, R27W, S19, NWNW	46.842813	-94.150859	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	07010105	N/A	North	1033.2	CA116aWB	Unnamed Stream	I	2013	10.0	3.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T139N, R27W, S21, NENE	46.846583	-94.094584	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

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)	OHWL Width (feet) ^b	OHWL Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kettle Number	Wild Rice Present ^k
3	Cass	Pine River	07010105	07010105-640	North	1033.9	CA118_200aWB	Unnamed Stream	P	2013	14.0	14.0	3.0	N/A	N/A	N/A	Push-Pull	N/A	N/A	Span in-stream support	T139N, R27W, S15, SWSE	46.847839	-94.081512	N/A	2Bg, 3C, 4A, 4B, 5, 6	M-106-004-003-001	N/A
3	Cass	Pine River	07010105	N/A	North	1034.4	CA120_200AWB	Unnamed Stream	I	2013	4.0	2.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T139, R27W, S15, SESE	46.847837	-94.071432	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	07010105	N/A	North	1036.1	CA127aWB	Unnamed Stream	P	2013	4.0	3.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T139N, R27W, S24, NWNE	46.845462	-94.037143	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
3	Cass	Pine River	07010105	07010105-562	North	1037.4	CA133aWB ^l	Daggett Brook	P	2013	50.0	40.0	5.0	Public Water	N/A	N/A	HDD	Modified Dry Crossing	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T139N, R26W, S19, SENE	46.842638	-94.009346	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-106-004	N/A
4	Cass	Pine River	07010105	07010105-519	North	1041.3	CA147_525a1WB	Spring Brook ^l	P	2013	15.0	12.5	1.0	Public Water, Trout Stream	N/A	N/A	Dry Crossing	HDD	PWI COLDWATER FISHERY - No in-channel work from September 1 - June 30	Span	T139N, R26W, S14, NWNW	46.858012	-93.942329	Yes	1B, 2Ag, 3B, 4A, 4B, 5, 6	M-106-004-002-001	N/A
4	Cass	Mississippi River - Grand Rapids	07010103	N/A	North	1046.0	CAC5160aWB	Unnamed Stream	P	2013	2.0	2.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T139N, R25W, S9, NENW	46.873378	-93.850871	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Cass	Mississippi River - Grand Rapids	07010103	07010103-999	North	1046.6	CAC5161aWB	Unnamed Stream	P	2013	8.0	8.0	4.0	N/A	N/A	N/A	Push-Pull	Open Cut	N/A	Span	T139N, R25W, S4, SESE	46.877568	-93.840821	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Cass	Mississippi River - Grand Rapids	07010103	N/A	North	1047.4	CA162aWB	Unnamed Stream	E	2013	4.0	1.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T139N, R25W, S3, SENW	46.884301	-93.827192	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Cass	Mississippi River - Grand Rapids	07010103	N/A	North	1048.0	CA163cWB	Tributary to Moose River	P	2013	6.0	5.0	2.0	N/A	N/A	N/A	Wet Open Cut	N/A	N/A	Span	T139N, R25W, S2, SWNW	46.883464	-93.815226	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Cass	Mississippi River - Grand Rapids	07010103	07010103-749	North	1048.0	CA163aWB	Moose River	P	2013	25.0	20.0	2.5	NRI, Public Water, 303d Impaired	Dissolved oxygen	N/A	Push-Pull	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T139N, R25W, S2, SWNW	46.883306	-93.813965	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-117-012	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	N/A	North	1049.9	AI001aWB	Unnamed Stream	P	2013	20.0	5.0	4.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R27W, S28, SWNW	46.878301	-93.774265	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1053.4	AI020aWB	Unnamed Stream	P	2013	30.0	25.0	0.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T51N, R27W, S36, NENE	46.869178	-93.702174	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-117-012-002	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1054.7	AI027aWB	Unnamed Stream	P	9/13/2013	5.0	5.0	1.5	N/A	N/A	N/A	Push-Pull	N/A	N/A	Span	T51N, R26W, S32, SWNW	46.866045	-93.677261	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07013171_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	N/A	North	1056.4	s-51n26w33-a	Unnamed Stream	I	8/22/2017	4.0	3.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R26W, S33, SWNE	46.864171	-93.641105	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1056.6	s-51n26w33-b	Tributary to Moose Lake	P	8/22/2017	6.0	6.0	3.0	N/A	N/A	N/A	Wet Open cut	N/A	N/A	Span	T51N, R26W, S33, SENE	46.863426	-93.636975	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-117-012-001	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-748	North	1066.5	s-51n24w31-b ^l	Willow River	P	8/28/2017	50.0	30.0	5.0	NRI, Public Water	N/A	NHIS mussels 4 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T51N, R24W, S31, SWNE	46.865021	-93.430846	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-117	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1067.0	s-51n24w31-a	Unnamed Stream	I	8/28/2017	10.0	7.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R24W, S32, NWNW	46.867939	-93.421145	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07016614_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1067.2	s-51n24w29-a	Unnamed Stream	I	8/28/2017	30.0	15.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span in-stream support	T51N, R24W, S29, SWSW	46.869217	-93.416892	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07014751_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	N/A	North	1068.6	s-51n24w28-a	Unnamed Stream	P	7/23/2018	30.0	10.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span in-stream support	T51N, R24W, S28, NWSE	46.873036	-93.389371	N/A	2Bg, 3C, 4A, 4B, 5, 6	MAJ-07013683_A	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-708	North	1069.7	s-51n24w27-a ^l	Mississippi River	P	8/25/2017	200.0	130.0	7.0	Canoe Route, Section 10, 303d Impaired, Public Water, ORVW	Mercury in fish; TSS	N/A	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	N/A	T51N, R24W, S27	46.873365	-93.365226	Yes	2Bg, 3C, 4A, 4B, 5, 6	M	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-676	North	1071.0	s-51n24w26-a ⁿ	Unnamed Stream	P	8/31/2017	15.0	15.0	4.0	Public Water, Trout Stream	N/A	N/A	Modified Dry Crossing	N/A	PWI COLDWATER FISHERY - No in-channel work from September 15 - June 30	Span in-stream support	T51N, R24W, S26, NESE	46.873065	-93.339421	Yes	1B, 2Ag, 3B, 4A, 4B, 5, 6	M-122-001	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	N/A	North	1073.8	s-51n23w29-b	Unnamed Stream	P	9/1/2017	5.0	4.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R23W, S29, NWSE	46.873165	-93.27926	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

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	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kittle Number	Wild Rice Present ^k
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-514	North	1075.5	s-51n23w27-a	Unnamed Stream	P	9/5/2017	6.0	6.0	4.0	Public Water	N/A	N/A	Modified Dry Crossing	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T51N, R23W, S27, SENW	46.877805	-93.245103	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-120-005-001-005	N/A
4	Aitkin	Mississippi River - Grand Rapids	07010103	07010103-999	North	1077.0	s-51n23w23-a	West Savanna River	P	9/6/2017	6.0	5.0	3.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T51N, R23W, S23, SWSE	46.885558	-93.217548	Yes	2Bg, 3C, 4A, 4B, 5, 6	M-120-005-001	N/A
4	Aitkin	St. Louis River	04010201	04010201-999	North	1081.5	s-51n22w22-a	Unnamed Stream	P	9/7/2017	15.0	15.0	6.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span in-stream support	T51N, R22W, S21, NESE	46.88423	-93.122465	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-002-031-004	N/A
4	Aitkin	St. Louis River	04010201	04010201-999	North	1084.4	s-51n22w24-a	Unnamed Stream	P	9/7/2017	50.0	60.0	7.0	N/A	N/A	N/A	Modified Dry Crossing	N/A	N/A	Span in-stream support	T51N, R22W, S24, SESE	46.883315	-93.060055	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-002-031-004-001	N/A
5	St. Louis	St. Louis River	04010201	04010201-561	North	1086.0	s-51n21w20-a ¹	East Savanna River	P	9/8/2017	30.0	20.0	6.0	Public Water	N/A	NHIS mussels 7.5 miles downstream	HDD	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Temporary Clear Span	T51N, R21W, S20, NESW	46.888834	-93.030293	Yes	2Bg, 3C, 4A, 4B, 5, 6	S-002-031	N/A
5	St. Louis	St. Louis River	04010201	04010201-999	North	1086.6	s-51n21w21-a	Unnamed Stream	P	7/16/2018	6.0	6.0	3.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span in-stream support	T51N, R21W, S20, NESE	46.888679	-93.017331	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	St. Louis	St. Louis River	04010201	04010201-999	North	1087.6	s-51n21w22-a	Unnamed Stream	P	9/8/2017	8.0	8.0	4.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R21W, S22, NWSW	46.888531	-92.995937	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-002-031-001	N/A
5	St. Louis	St. Louis River	04010201	N/A	North	1089.6	s-51n21w24-a	Unnamed Stream	I	9/9/2017	20.0	7.0	2.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span in-stream support	T51N, R21W, S24, NWSW	46.888148	-92.953258	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-002-031-000.6	N/A
5	St. Louis	St. Louis River	04010201	N/A	North	1089.9	s-51n21w24-b	Unnamed Stream	I	9/9/2017	4.0	0.5	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R21W, S24, NESW	46.888098	-92.947573	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	St. Louis	St. Louis River	04010201	04010201-A07	North	1094.0	s-51n20w27-a	Unnamed Stream	P	9/11/2017	15.0	6.0	3.0	Public Water	N/A	N/A	Dry Crossing	N/A	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T51N, R20W, S27, SWNW	46.877115	-92.866893	Yes	2Bg, 3C, 4A, 4B, 5, 6	S-002-028	N/A
5	St. Louis	St. Louis River	04010201	N/A	North	1094.3	s-51n20w27-b	Unnamed Stream	P	9/12/2017	5.0	3.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R20W, S27, NESW	46.872852	-92.863128	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-002-027.9	N/A
5	St. Louis	St. Louis River	04010201	N/A	North	1094.8	s-51n20w27-c	Unnamed Stream	I	9/12/2017	3.0	3.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T51N, R20W, S27, SWSE	46.867942	-92.855118	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	St. Louis	St. Louis River	04010201	04010201-999	North	1095.9	s-51n20w35-a	Unnamed Stream	P	9/12/2017	3.0	3.0	0.5	Public Water	N/A	NHIS mussels downstream	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T51N, R20W, S35, NESW	46.856006	-92.841661	Yes	2Bg, 3C, 4A, 4B, 5, 6	S-002-027	N/A
5	St. Louis	St. Louis River	04010201	04010201-999	North	1096.0	s-51n20w35-b	Unnamed Stream	P	9/12/2017	7.0	6.0	2.0	N/A	N/A	NHIS mussels downstream	Dry Crossing	Open Cut	N/A	Span	T51N, R20W, S35, SESW	46.855031	-92.839996	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-002-027-001	N/A
5	St. Louis	St. Louis River	04010201	04010201-B08	North	1096.7	s-50n20w2-a	Ahmik River	P	9/13/2017	17.0	12.0	4.0	Public Water	N/A	NHIS mussels downstream	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span in-stream support	T50N, R20W, S2, NENE	46.850022	-92.828114	Yes	2Bg, 3C, 4A, 4B, 5, 6	S-002-026	N/A
FOND DU LAC RESERVATION BOUNDARY (MPs 1102.6 to 1115.6)																											
5	Carlton	St. Louis River	04010201	04010201-999	North	1117.0	s-48n17w8-a	Unnamed Stream	P	9/16/2017	7.0	5.0	2.0	N/A	N/A	N/A	Modified Dry Crossing	N/A	N/A	Span	T48N, R17W, S8, NESE	46.653071	-92.517132	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-002-009-001-001	N/A
5	Carlton	St. Louis River	04010201	04010201-628	North	1118.4	s-48n17w16-f	Little Otter Creek	P	9/18/2017	12.0	8.0	4.0	Public Water, Trout Stream, Aquatic Management Area	N/A	N/A	Modified Dry Crossing	N/A	PWI COLDWATER FISHERY - No in-channel work from September 15 - June 30	Span	T48N, R17W, S16, SENE	46.642983	-92.493728	Yes	1B, 2Ag, 3B, 4A, 4B, 5, 6	S-002-009-001	N/A
5	Carlton	Nemadji River	04010301	04010301-999	North	1126.2	CR144aWB	Unnamed Stream	P	2013	7.0	7.0	4.0	Public Water	N/A	N/A	Dry Crossing	Open Cut	PWI Cool/ Warm Water Fishery - No in-channel work from March 15 - June 30	Span	T48N, R16W, S34, NWNE	46.60328	-92.352596	Yes	2Bg, 3C, 4A, 4B, 5, 6	S-001.5-007	N/A
5	Carlton	Nemadji River	04010301	N/A	North	1126.4	CR145bWB	Unnamed Stream	E	2013	2.0	2.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S34 NWNE	46.600968	-92.350905	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	Nemadji River	04010301	N/A	North	1126.5	CR145bWB	Unnamed Stream	E	2013	2.0	2.0	1.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S34 NWNE	46.600713	-92.350562	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	Nemadji River	04010301	N/A	North	1126.7	CR147aWB	Unnamed Stream	E	2013	2.5	2.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S34, SENE	46.598198	-92.346299	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	St. Louis River	04010201	04010201-A61	North	1127.6	CRR51010_640bWB	Unnamed Stream	E	2015	3.0	1.5	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S35, SWNE	46.598116	-92.327517	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-001.7	N/A
5	Carlton	St. Louis River	04010201	04010201-999	North	1128.1	CR157_200a1WB	Unnamed Stream	E	2014	2.0	2.0	1.0	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S36 SWNW	46.598171	-92.317993	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	St. Louis River	04010201	N/A	North	1128.1	CR159_200aWB	Unnamed Stream	E	2015	4.0	4.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S36 SWNW	46.598148	-92.31723	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	St. Louis River	04010201	N/A	North	1128.3	CR159_200bWB	Unnamed Stream	E	2014	4.0	4.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S36, NESW	46.597848	-92.314461	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
5	Carlton	St. Louis River	04010201	04010201-999	North	1128.3	CR159_200cWB	Unnamed Stream	E	2015	3.0	3.0	0.5	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S36, NESW	46.597727	-92.313218	N/A	2Bg, 3C, 4A, 4B, 5, 6	S-001.7-003	N/A
5	Carlton	St. Louis River	04010201	N/A	North	1128.4	CR159bWB	Unnamed Stream	E	2015	3.0	1.0	0.3	N/A	N/A	N/A	Dry Crossing	Open Cut	N/A	Span	T48N, R16W, S36, NESW	46.597666	-92.312579	N/A	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A

**Attachment C-1
Line 3 Replacement Project
Waterbodies Crossed by Mainline Construction**

Spread Number	County	Watershed Name	Hydrologic Unit Code (HUC) ^g	WID	River Nutrient Region	Milepost	Feature_ID	Waterbody Name	Flow Regime ^a	Survey Date	Top-of-Bank Width (feet)	OHWL Width (feet) ^b	OHWL Depth (feet) ^c	Agency Designation	Approved 2018 Impairment ^d	Downstream Sensitive Resources	Proposed Crossing Method ^e	Alternative Crossing Method ^f	Construction Timing Restriction ^g	Bridge Type ^h	Legal Description	Latitude	Longitude	Enbridge Site-Specific Plan	MPCA Classification	MDNR Kettle Number	Wild Rice Present ^k
<p>N/A = Not Applicable</p> <p>^a P = Perennial flow; I = Intermittent flow; E = Ephemeral flow</p> <p>^b Width of the channel in feet between the Ordinary High Water Mark (OHWM) on both channel banks.</p> <p>^c Estimated or measured channel depth in feet from the OHWM to the channel bed.</p> <p>^d Impairments based on MPCA's 2018 EPA-approved Inventory of Impaired Waters per CWA Section 303(d).</p> <p>^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), otherwise an open cut method will be used. Refer to Enbridge's Summary of Construction Methods and Procedures (Appendix A of the EPP).</p> <p>^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 consult with the appropriate permitting agencies as needed for approval of new drill paths and workspace prior to implementation.</p> <p>^g Timing restrictions are based on anticipated state agency permit conditions.</p> <p>^h Bridges may consist of timber construction mats, rail car decks, other bridge decking and may or may not be supported by flumes, clean rock or other supports in the water column. Refer to Table 2.1-1 in Enbridge's Summary of Construction Methods and Procedures (Appendix A of the EPP). Sediment control for bridging is described in Section 2.4 of the EPP.</p> <p>ⁱ These features were delineated as wetlands in the field, but Enbridge created desktop waterbody data to ensure a crossing method is proposed should perceptible flow develop at the time of construction.</p> <p>^j In coordination with the appropriate agencies, Enbridge is evaluating HDD as the proposed crossing method at Spring Brook. A Hydrofracture Analysis was prepared and provided in Attachment K.</p> <p>^k Indicates wild rice was observed in the waterbody where it intersects the project design.</p> <p>^l Indicates a proposed primary water appropriation site.</p> <p>^m Indicates a proposed contingency water appropriation site.</p> <p>ⁿ Indicates the proposed removal of a beaver dam located within the waterbody.</p>																											

**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 ^h	Legal Description	Latitude	Longitude	MPCA Classification	MDNR Kittle Number	Wild Rice Present ^g
1	Kittson	Middle Red	9020311	N/A	South	815.7	s-159n48w31-a	Unnamed Ditch	I	2014	6.0	1.5	1.5	N/A	N/A	Temporary Clear Span Bridge	CROW	T159N, R49W, Sec. 36	48.556681	-96.911342	N/A	N/A	N/A
1	Marshall	Middle Red	9020311	N/A	South	817.7	s-158n48w5-ha	Unnamed Ditch	I	2019	8.0	5.0	0.3	N/A	N/A	Temporary Clear Span Bridge	HR Corner Improvement	T158N, R48W, Sec. 5	48.543201	-96.868098	N/A	MAJ-090218759	N/A
1	Marshall	Middle Red	9020311	N/A	South	823.5	s-158n48w35-a	Unnamed Ditch	I	2014	6.0	1.0	2.0	N/A	N/A	Avoid - Utilize Existing Culvert / Clear Span Bridge	CROW	T158N, R48W, Sec. 35, 36	48.470776	-96.802271	N/A	MAJ-090218176	N/A
1	Marshall	Middle Red	9020311	N/A	South	823.6	s-158n48w36-a	Unnamed Stream	I	2014	10.0	10.0	2.0	N/A	N/A	Temporary Clear Span Bridge	CROW	T158N, R48W, Sec. 36	48.470459	-96.801928	N/A	N/A	N/A
1	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	2Bg, 3C, 4A, 4B, 5, 6	H-026-021-004	N/A
1	Marshall	Snake	9020309	N/A	South	847.0	s-155n45w21-a	Unnamed Waterbody	I	2014	2.5	1.0	0.5	N/A	N/A	Temporary Clear Span Bridge	AR1022 / CROW	T155N, R45W, Sec. 21	48.225067	-96.454063	N/A	N/A	N/A
1	Marshall	Snake	9020309	N/A	South	848.2	s-155n45w28-c	Unnamed Ditch	I	2014	10.0	4.0	0.5	N/A	N/A	Temporary Clear Span Bridge	AR1064-a	T155N, R45W, Sec. 28	48.211202	-96.440813	2Bg, 3C, 4A, 4B, 5, 6	N/A	N/A
1	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
1	Polk	Clearwater	9020305	N/A	South	891.2	s-150n40w14-a	Unnamed Ditch	I	2018	30.0	15.0	1.0	N/A	N/A	Avoid - Utilize Existing Culvert	AR1043	T150N, R40W, Sec. 14	47.812153	-95.752298	N/A	MAJ-090216518	N/A
1	Polk	Clearwater	9020305	N/A	South	894.6	s-150n39w30-b	Unnamed Stream	I	2014	12.0	8.0	2.0	N/A	N/A	Temporary Clear Span Bridge	CROW	T150N, R39W, Sec. 30	47.784685	-95.691204	N/A	N/A	N/A
2	Clearwater	Clearwater	9020305	N/A	South	900.9	s-149n38w7-b	Unnamed Stream	I	2014	5.0	2.0	2.0	N/A	N/A	Avoid - Utilize Existing Culvert	AR1051.2-a	T149N, R38W, Sec. 7	47.745427	-95.570348	N/A	MAJ-090216192	N/A
2	Clearwater	Clearwater	9020305	N/A	South	906.1	s-149n38w23-aa	Unnamed Stream	I	2016	6.0	3.0	0.5	N/A	N/A	Avoid - Utilize Existing Culvert	AR292-c	T149N, R38W, Sec. 26	47.702674	-95.476906	N/A	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	N/A	N/A	Temporary Clear Span Bridge	AR293	T149N, R38W, Sec. 25	47.700081	-95.463166	N/A	N/A	N/A
2	Clearwater	Clearwater	9020305	N/A	Central	917.0	s-148n37w29-b	Unnamed Stream	E	2015	10.0	3.0	0.5	N/A	N/A	Temporary Clear Span Bridge	AR300-b	T148N, R37W, Sec. 29	47.605315	-95.394256	N/A	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	N/A	N/A	Temporary Clear Span Bridge	CROW	T144N, R36W, Sec. 2	47.321743	-95.196062	N/A	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	N/A	N/A	Avoid / Clear Span Bridge	CROW	T144N, R36W, Sec. 13	47.290854	-95.181381	N/A	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	N/A	N/A	Yes
4	Cass	Pine River	7010105	N/A	North	1041.2	s-139n26w14-ab	Unnamed Stream	I	2019	4.0	2.0	0.3	N/A	N/A	Avoid / Clear Span Bridge	AR711-a	T139N, R26W, Sec. 14	46.855619	-93.943101	N/A	N/A	N/A
4	Cass	Pine River	7010105	N/A	North	1044.0	s-139n25w18-aa	Unnamed Stream	I	2016	2.0	1.0	0.5	N/A	N/A	Temporary Clear Span Bridge	AR392-c	T139N, R25W, Sec. 18	46.847868	-93.889657	N/A	N/A	N/A
4	Cass	Pine River	7010105	N/A	North	1044.2	s-139n25w18-ac	Unnamed Stream	I	2016	2.0	2.0	1.0	N/A	N/A	Temporary Clear Span Bridge	AR394-a	T139N, R25W, Sec. 18	46.854005	-93.885625	N/A	N/A	N/A
4	Cass	Mississippi River - Grand Rapids	7010103	N/A	North	1045.6	s-139n25w5-aa	Unnamed Stream	I	2016	3.0	3.0	1.0	N/A	N/A	Temporary Clear Span Bridge	AR394.1-d	T139N, R25W, Sec. 5	46.875815	-93.864164	N/A	MAJ-07014233_A	N/A
4	Cass	Mississippi River - Grand Rapids	7010103	N/A	North	1046.5	s-139n25w4-aa	Unnamed Stream	I	2016	3.0	3.0	2.0	N/A	N/A	Temporary Clear Span Bridge	AR394.6	T139N, R25W, Sec. 4	46.876562	-93.841135	N/A	MAJ-07013496_A	N/A
4	Cass	Mississippi River - Grand Rapids	7010103	N/A	North	1049.7	CA166aWB	Unnamed Stream	I	2013	8.0	3.0	0.5	N/A	N/A	Temporary Clear Span Bridge	CROW	T139N, R25W, Sec. 1	46.879065	-93.779641	N/A	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1055.3	s-51n26w20-aa	Unnamed Stream	P	2018	40.0	30.0	4.0	N/A	N/A	Avoid - Utilize Existing Culvert / Clear Span Bridge	AR624	T51N, R26W, Sec. 20	46.886005	-93.663176	N/A	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	N/A	N/A	Avoid - Utilize Existing Bridge	AR533-b	T51N, R26W, Sec. 33	46.867041	-93.655448	N/A	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	2Bg, 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	N/A	N/A	Avoid - Utilize Existing Bridge	AR533-b	T51N, R26W, Sec. 33	46.867024	-93.653797	N/A	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	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	N/A	MAJ-07013159_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 ^h	Legal Description	Latitude	Longitude	MPCA Classification	MDNR Kittle Number	Wild Rice Present ^g
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	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	N/A	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	N/A	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	N/A	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	Temporary Clear Span Bridge	CROW	T51N, R24W, Sec. 28	46.872837	-93.389769	N/A	N/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	N/A	N/A	N/A
4	Aitkin	Mississippi River - Grand Rapids	7010103	N/A	North	1074.8	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	N/A	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	N/A	N/A	N/A
4	St. Louis	St. Louis River	4010201	N/A	North	1085.5	s-51n21w8-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	N/A	S-002-031-002-002	N/A
4	St. Louis	St. Louis River	4010201	N/A	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	N/A	S-002-031-003	N/A
4	St. Louis	St. Louis River	4010201	N/A	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	N/A	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	1094.0	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	46.877438	-92.864833	2Bg, 3C, 4A, 4B, 5, 6	S-002-028	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	46.877632	-92.864364	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	N/A	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	N/A	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	N/A	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 Timing restrictions are based on anticipated state agency permit conditions.

^g Indicates wild rice was observed in the waterbody where it intersects the project design.

^h CROW = Construction Right-of-Way; HR = Haul Route; AR = Access Road