

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR709	Cass	Pine River	07010105	5	CA019iW	7/11/2019	1004.9	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	138	31	5	SESW, SWSW	46.79045	-94.63396	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR378	Cass	Pine River	07010105	5	CA106bW	7/26/2013	1030.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	139	27	19	NENW	46.84432	-94.14463		
Access Road	AR382	Cass	Pine River	07010105	5	CA116fW	8/17/2013	1033.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	139	27	21	NENE	46.84693	-94.09566		
Access Road	AR391.1-c	Cass	Pine River	07010105	5	CA153bW	9/5/2019	1042.4	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	139	26	11, 12	NESE, NWSW, SESE, SWSW	46.86493	-93.92327		
Access Road	AR391.1-a	Cass	Pine River	07010105	5	CA153bW	9/5/2019	1042.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	139	26	11, 12	NESE, NWSW, SESE, SWSW	46.86493	-93.92327		
Access Road	AR391.1-b	Cass	Pine River	07010105	5	CA153bW	9/5/2019	1042.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.33	139	26	11, 12	NESE, NWSW, SESE, SWSW	46.86493	-93.92327		
Access Road	AR391.1-c	Cass	Pine River	07010105	5	CA153bW	9/5/2019	1042.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.05	139	26	11, 12	NESE, NWSW, SESE, SWSW	46.86493	-93.92327		
Access Road	AR391.1-b	Cass	Pine River	07010105	5	CA153bW	9/5/2019	1042.4	5A - Shrub-Carr	Type 6 - Shrub swamps	PSS	0.02	139	26	11, 12	NESE, NWSW, SESE, SWSW	46.86493	-93.92327		
Access Road	AR391.1-c	Cass	Pine River	07010105	5	CA153bW	9/5/2019	1042.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	139	26	11, 12	NESE, NWSW, SESE, SWSW	46.86493	-93.92327		
Access Road	AR391.2	Cass	Pine River	07010105	5	CA155cW	7/26/2013	1042.7	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	139	26	12	NESW, NWSW	46.86529	-93.91762		
Access Road	AR391.3	Cass	Pine River	07010105	5	CA155gW	7/28/2016	1043.1	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.13	139	26	12	NESE, NESW, NWSE	46.86568	-93.90784		
Access Road	AR391.4-b	Cass	Pine River	07010105	5	CA155hW	7/27/2013	1043.4	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	139	25, 26	7, 12	NESE, NWSW	46.86531	-93.90266		
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156eW	7/30/2013	1043.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	139	25	7	NESW, NWSE	46.86528	-93.89061		
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156eW	7/30/2013	1043.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.07	139	25	7	NESW, NWSE	46.86528	-93.89061	Forested Seasonal Ponds	
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156fW	7/30/2013	1044.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	139	25	7	NWSE	46.86616	-93.88788	Forested Seasonal Ponds	
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156gW	7/30/2013	1044.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	139	25	7	NESE	46.86540	-93.88507		
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156gW	7/30/2013	1044.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	139	25	7	NESE	46.86540	-93.88507	Forested Seasonal Ponds	
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156hW	7/30/2013	1044.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	139	25	7	NESE	46.86599	-93.88362		
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156hW	7/30/2013	1044.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	139	25	7	NESE	46.86599	-93.88362	Forested Seasonal Ponds	
Access Road	AR393.1	Cass	Pine River	07010105	5	CA156iW	7/30/2013	1044.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	139	25	7	NESE	46.86580	-93.88307		
Access Road	AR393.1	Cass	Pine River	07010105	5	CA157aW	7/31/2013	1044.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	139	25	7, 8	NESE, NWSW	46.86527	-93.88123		
Access Road	AR393.1	Cass	Pine River	07010105	5	CA157aW	7/31/2013	1044.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	139	25	7, 8	NESE, NWSW	46.86527	-93.88123		
Access Road	AR393.1	Cass	Pine River	07010105	5	CA157aW	7/31/2013	1044.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	139	25	7, 8	NESE, NWSW	46.86527	-93.88123	Forested Seasonal Ponds	
Access Road	AR394.1-g	Cass	Mississippi River - Grand Rapids	07010103	5	CA158aW	7/31/2013	1045.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	139	25	8, 9	NENW, NESE, SENE, SENW, SWNW	46.86978	-93.85684		
Access Road	AR358.1-a	Cass	Crow Wing River	07010106	5	CAC5010a1W	7/13/2015	1001.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.10	138	32	3	SESE	46.79072	-94.70449		
Access Road	AR358.1-a	Cass	Crow Wing River	07010106	5	CAC5010a1W	7/13/2015	1001.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	138	32	3	SESE	46.79072	-94.70449		
Access Road	AR358.1-a	Cass	Crow Wing River	07010106	5	CAC5010a1W	7/13/2015	1001.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	138	32	3	SESE	46.79072	-94.70449	Forested Seasonal Ponds	
Access Road	AR358.1-a	Cass	Crow Wing River	07010106	5	CAC5010b1W	8/21/2013	1001.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	138	32	3, 4	SESE, SESW, SWSE, SWSW	46.79156	-94.71222		
Access Road	AR358-b	Cass	Crow Wing River	07010106	5	CAC5010b1W	8/21/2013	1001.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	138	32	3, 4	SESE, SESW, SWSE, SWSW	46.79156	-94.71222		
Access Road	AR358.1-a	Cass	Crow Wing River	07010106	5	CAC5010b1W	8/21/2013	1001.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	138	32	3, 4	SESE, SESW, SWSE, SWSW	46.79156	-94.71222		
Access Road	AR358.2	Cass	Crow Wing River	07010106	5	CAC5010b1W	8/21/2013	1001.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	138	32	3, 4	SESE, SESW, SWSE, SWSW	46.79156	-94.71222		
Access Road	AR358-b	Cass	Crow Wing River	07010106	5	CAC5010c1W	8/21/2013	1001.3	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.01	138	32	3	SWSE	46.79121	-94.70918		
Access Road	AR711-b	Cass	Pine River	07010105	5	CAC5147_520a1W	8/7/2019	1041.3	6A - Hardwood Swamp	Type 7 - Wooded Swamps	PFO	0.01	139	26	14	SWNW	46.85691	-93.94098		
Access Road	AR394.6	Cass	Mississippi River - Grand Rapids	07010103	5	CAC5161d1W	6/26/2013	1046.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	139	25	4	SESE	46.87854	-93.83862		
Access Road	AR292-c	Clearwater	Clearwater River	09020305	3	CL016a1W	7/1/2016	906.2	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	149	38	23, 24, 25	NENW, NESE, NWSE, SESE, SESW, SWSE, SWSW	47.70485	-95.47271		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR292-c	Clearwater	Clearwater River	09020305	3	CL016a1W	7/1/2016	906.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	149	38	23, 24, 25	NENW, NESE, NWSE, SESE, SESW, SWSE, SWSW	47.70485	-95.47271		
Access Road	AR292-d	Clearwater	Clearwater River	09020305	3	CL016a1W	7/1/2016	906.2	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	149	38	23, 24, 25	NENW, NESE, NWSE, SESE, SESW, SWSE, SWSW	47.70485	-95.47271		
Access Road	AR292-c	Clearwater	Clearwater River	09020305	3	CL016a1W	7/1/2016	906.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	149	38	23, 24, 25	NENW, NESE, NWSE, SESE, SESW, SWSE, SWSW	47.70485	-95.47271		
Access Road	AR292-d	Clearwater	Clearwater River	09020305	3	CL016a1W	7/1/2016	906.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	149	38	23, 24, 25	NENW, NESE, NWSE, SESE, SESW, SWSE, SWSW	47.70485	-95.47271		
Access Road	AR485	Clearwater	Clearwater River	09020305	3	CLC5013b1W	6/20/2017	915.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.08	148	37	17, 20	NWNW, SESW, SWSW	47.63097	-95.40064		
Access Road	AR300-b	Clearwater	Clearwater River	09020305	3	CLC5017c1W	7/12/2013	916.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	148	37	29	NESW, NWSE	47.60724	-95.39571		
Access Road	AR299.1	Clearwater	Clearwater River	09020305	3	CLC5017c1W	7/12/2013	916.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	148	37	29	NESW, NWSE	47.60724	-95.39571		
Access Road	AR304-b	Clearwater	Clearwater River	09020305	3	CLC5037a1W	10/2/2014	922.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	147	37	21	NESW, SESW	47.53452	-95.37582	Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR311.1	Clearwater	Mississippi River - Headwaters	07010101	5	CLC5096a1W	7/7/2016	940.8	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	145	36	26, 35	NWNE, SWSE	47.34071	-95.21258		
Access Road	AR311.1	Clearwater	Mississippi River - Headwaters	07010101	5	CLC5096a1W	7/7/2016	940.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	145	36	26, 35	NWNE, SWSE	47.34071	-95.21258		
Access Road	AR453.2-b	Carlton	St. Louis River	04010201	1	CR162a1W	6/26/2015	1129.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	48	15	31	NWSW	46.59623	-92.30015		
Access Road	AR453.2-a	Carlton	St. Louis River	04010201	1	CR162e1W	6/25/2015	1129.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	48	15	31	NWSW	46.59569	-92.30008		
Access Road	AR453.2-b	Carlton	St. Louis River	04010201	1	CR162e1W	6/25/2015	1129.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	48	15	31	NWSW	46.59569	-92.30008		
Access Road	AR454	Carlton	St. Louis River	04010201	1	CR163a1W	8/1/2016	1129.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	48	15	31	NESW, NWSW	46.59585	-92.29466		
Access Road	AR454	Carlton	St. Louis River	04010201	1	CR163b1W	8/1/2016	1129.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	48	15	31	NESW	46.59581	-92.29284		
Access Road	AR364-b	Crow Wing	Pine River	07010105	5	CW005aW	8/10/2013	1019.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	138	29	15	NWNE	46.77439	-94.32879		
Access Road	AR366.1-a	Crow Wing	Pine River	07010105	5	CW021bW	8/7/2013	1022.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.21	138	28, 29	1, 6	NESE, NWSW, SESE, SWSW	46.79402	-94.27947		
Access Road	AR324.3	Hubbard	Mississippi River - Headwaters	07010101	5	HUC5037a1W	7/1/2016	953.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	143	35	29	NESE, SENE	47.17529	-95.13413		
Access Road	AR324.31	Hubbard	Mississippi River - Headwaters	07010101	5	HUC5038g1W	7/25/2013	953.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	143	35	29	NESE	47.17280	-95.13457		
Access Road	AR325.03	Hubbard	Mississippi River - Headwaters	07010101	5	HUC5039a1W	7/24/2013	954.6	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	143	35	32	SWNE	47.16073	-95.13624		
Access Road	AR325.01	Hubbard	Mississippi River - Headwaters	07010101	5	HUC5039e1W	7/17/2015	954.2	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	143	35	29, 32	NENE, SESE, SWSE	47.16710	-95.13595		
Access Road	AR325.01	Hubbard	Mississippi River - Headwaters	07010101	5	HUC5039e1W	7/17/2015	954.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	143	35	29, 32	NENE, SESE, SWSE	47.16710	-95.13595		
Access Road	AR325.02	Hubbard	Mississippi River - Headwaters	07010101	5	HUC5040b1W	7/18/2015	954.5	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.08	143	35	32	NENE, NESE, NWNE, NWSE, SENE, SWNE	47.16205	-95.13590		
Access Road	AR325.1-a	Hubbard	Mississippi River - Headwaters	07010101	5	HUC5042_002b1W	7/24/2013	955.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	142	35	5	NWNE	47.15070	-95.13643		
Access Road	AR326.1	Hubbard	Crow Wing River	07010106	5	HUC5043a1W	7/17/2015	955.5	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.10	142	35	5	SWNE	47.14836	-95.13715		
Access Road	AR326.1	Hubbard	Crow Wing River	07010106	5	HUC5043a1W	7/17/2015	955.5	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	142	35	5	SWNE	47.14836	-95.13715	Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR329	Hubbard	Crow Wing River	07010106	5	HUC506211W	8/26/2014	959.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	142	35	29	SWNW	47.08730	-95.14779		
Access Road	AR329	Hubbard	Crow Wing River	07010106	5	HUC5062o1W	8/27/2014	959.7	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	142	35	29	SWNW	47.08736	-95.14692		
Access Road	AR330.1	Hubbard	Crow Wing River	07010106	5	HUC5072b1W	7/16/2015	962.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.15	141	35	5	NESW, SESW, SWSE	47.05322	-95.14123	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR330.1	Hubbard	Crow Wing River	07010106	5	HUC5072b1W	7/16/2015	962.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	141	35	5	NESW, SESW, SWSE	47.05322	-95.14123	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR330.1	Hubbard	Crow Wing River	07010106	5	HUC5072b1W	7/16/2015	962.1	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.14	141	35	5	NESW, SESW, SWSE	47.05322	-95.14123	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR339.01	Hubbard	Crow Wing River	07010106	5	HUC5126d1W	7/15/2015	975.3	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	139	35	7	SESE	46.86597	-95.14388		
Access Road	AR366-a	Crow Wing	Pine River	07010105	5	w-138n29w14-a	10/7/2014	1021.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	138	29	14	NENE	46.77627	-94.30625		
Access Road	AR366-a	Crow Wing	Pine River	07010105	5	w-138n29w14-b	10/7/2014	1021.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	138	29	14	NENE	46.77637	-94.30634		
Access Road	AR361	Cass	Crow Wing River	07010106	5	w-138n31w5-a1	10/11/2014	1005.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	138	31	5	NENE	46.80244	-94.62036		
Haul Route	Corner Improvement	Cass	Crow Wing River	07010106	5	w-138n32w1-ha	9/24/2019	1002.7	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.05	138	32	1	SWSW	46.78948	-94.68112		
Haul Route	Corner Improvement	Cass	Crow Wing River	07010106	5	w-138n32w2-ha	9/24/2019	1002.6	5A - Shrub-Carr	Type 6 - Shrub swamps	PSS	0.07	138	32	2	SESE	46.78948	-94.68143		
Access Road	AR353.4-d	Wadena	Crow Wing River	07010106	5	w-138n33w11-aa	7/25/2016	996.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	138	33	11	NENE	46.78642	-94.81062		
Access Road	AR353.4-d	Wadena	Crow Wing River	07010106	5	w-138n33w11-aa	7/25/2016	996.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	138	33	11	NENE	46.78642	-94.81062	Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR353.4-d	Wadena	Crow Wing River	07010106	5	w-138n33w11-ab	7/25/2016	996.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	138	33	11	NENE	46.78636	-94.81046		
Access Road	AR353.4-d	Wadena	Crow Wing River	07010106	5	w-138n33w11-ab	7/25/2016	996.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	138	33	11	NENE	46.78636	-94.81046	Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR354.3-a	Wadena	Crow Wing River	07010106	5	w-138n33w1-aa	8/6/2018	997.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PEM	0.03	138	33	1	SESE	46.79304	-94.78815		
Access Road	AR354.3-a	Wadena	Crow Wing River	07010106	5	w-138n33w1-aa	8/6/2018	997.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	138	33	1	SESE	46.79304	-94.78815		
Access Road	AR354.3-a	Wadena	Crow Wing River	07010106	5	w-138n33w1-ab	7/25/2016	997.5	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.06	138	33	1	SESE	46.79298	-94.78840		
Access Road	AR354.3-a	Wadena	Crow Wing River	07010106	5	w-138n33w1-ac	7/25/2016	997.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PEM	0.00	138	33	1	SESE	46.79293	-94.78712		
Access Road	AR392-c	Cass	Pine River	07010105	5	w-139n25w18-aa	7/27/2016	1044.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	139	25	18	SWSE	46.84797	-93.88965		
Access Road	AR392-c	Cass	Pine River	07010105	5	w-139n25w18-ab	7/27/2016	1044.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	139	25	18	SWSE	46.84802	-93.88985		
Access Road	AR392-e	Cass	Pine River	07010105	5	w-139n25w18-ad	7/29/2016	1043.5	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.08	139	25	18	SWNW	46.85652	-93.90085		
Access Road	AR392-e	Cass	Pine River	07010105	5	w-139n25w18-ad	7/29/2016	1043.5	2A - Deep Marsh	Type 4 - Inland Deep Fresh Marsh	PEM	0.04	139	25	18	SWNW	46.85652	-93.90085		
Access Road	AR394-a	Cass	Pine River	07010105	5	w-139n25w18-af	6/21/2019	1044.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.12	139	25	18	NWSE	46.85109	-93.88872		
Access Road	AR394-a	Cass	Pine River	07010105	5	w-139n25w18-ag	8/2/2016	1044.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	139	25	18	NWSE	46.85185	-93.88696		
Access Road	AR394-a	Cass	Pine River	07010105	5	w-139n25w18-ag	8/2/2016	1044.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	139	25	18	NWSE	46.85185	-93.88696		
Access Road	AR394-a	Cass	Pine River	07010105	5	w-139n25w18-ah	8/2/2016	1044.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	139	25	18	NWSE	46.85168	-93.88697		
Access Road	AR394-a	Cass	Pine River	07010105	5	w-139n25w18-ai	8/2/2016	1044.2	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.02	139	25	18	SENE	46.85406	-93.88564		
Access Road	AR394-b	Cass	Pine River	07010105	5	w-139n25w18-aj	8/2/2016	1044.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	139	25	18	SENE	46.85580	-93.88323		
Access Road	AR394-d	Cass	Pine River	07010105	5	w-139n25w18-al	8/2/2016	1044.4	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.02	139	25	8, 17	NWNW, SWSW	46.86116	-93.88105		
Access Road	AR392-d	Cass	Pine River	07010105	5	w-139n25w18-ha	6/26/2019	1043.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	139	25	18	NESW	46.85081	-93.89423		
Access Road	AR392-d	Cass	Pine River	07010105	5	w-139n25w18-hb	6/26/2019	1043.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	139	25	18	NESW	46.85110	-93.89468		
Access Road	AR392-a	Cass	Pine River	07010105	5	w-139n25w19-aa	7/27/2016	1044.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	139	25	18, 19	NWNE, SWSE	46.84675	-93.88966	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR392-b	Cass	Pine River	07010105	5	w-139n25w19-aa	7/27/2016	1044.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	139	25	18, 19	NWNE, SWSE	46.84675	-93.88966	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR704	Cass	Mississippi River - Grand Rapids	07010103	5	w-139n25w2-ab	10/10/2018	1048.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	139	25	2	SWNW	46.88302	-93.81402		
Access Road	AR394.6	Cass	Mississippi River - Grand Rapids	07010103	5	w-139n25w4-aa	6/28/2019	1046.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.50	139	25	3, 4	SESE, SWSW	46.87670	-93.83917		
Access Road	AR394.6	Cass	Mississippi River - Grand Rapids	07010103	5	w-139n25w4-aa	6/28/2019	1046.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.27	139	25	3, 4	SESE, SWSW	46.87670	-93.83917		
Access Road	AR394.1-d	Cass	Mississippi River - Grand Rapids	07010103	5	w-139n25w5-aa	8/4/2016	1045.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	139	25	5	SESE	46.87587	-93.86411		
Access Road	AR394.1-e	Cass	Mississippi River - Grand Rapids	07010103	5	w-139n25w5-aa	8/4/2016	1045.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	139	25	5	SESE	46.87587	-93.86411		
Access Road	AR394-d	Cass	Pine River	07010105	5	w-139n25w8-ak	8/2/2016	1044.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	139	25	8	SWSW	46.86412	-93.87846		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR394-d	Cass	Pine River	07010105	5	w-139n25w8-an	8/2/2016	1044.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	139	25	8	SWSW	46.86293	-93.87931		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-ao	8/4/2016	1044.7	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.00	139	25	8	NESW	46.86738	-93.87428		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-ap	8/4/2016	1044.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	139	25	8	NESW, SENW	46.86810	-93.87325		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-aq	8/4/2016	1044.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	139	25	8	NESW	46.86800	-93.87355		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-ar	8/4/2016	1044.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	139	25	8	SENE	46.86818	-93.87257		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-as	8/4/2016	1044.9	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.03	139	25	8	NWSE, SENW, SWNE	46.86817	-93.87025		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-at	8/4/2016	1044.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	139	25	8	SENE	46.86828	-93.87084		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-au	8/4/2016	1044.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	139	25	8	NWSE, SWNE	46.86807	-93.87014		
Access Road	AR394.1-b	Cass	Pine River	07010105	5	w-139n25w8-av	6/21/2019	1045.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.14	139	25	8	NESE, SENE, SWNE	46.86819	-93.86387		
Access Road	AR394.1-c	Cass	Pine River	07010105	5	w-139n25w8-av	6/21/2019	1045.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	139	25	8	NESE, SENE, SWNE	46.86819	-93.86387		
Access Road	AR394.2-a	Cass	Pine River	07010105	5	w-139n25w8-av	6/21/2019	1045.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	139	25	8	NESE, SENE, SWNE	46.86819	-93.86387		
Access Road	AR394.2-b	Cass	Pine River	07010105	5	w-139n25w8-av	6/21/2019	1045.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	139	25	8	NESE, SENE, SWNE	46.86819	-93.86387		
Access Road	AR394.1-c	Cass	Pine River	07010105	5	w-139n25w8-aw	8/4/2016	1045.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.20	139	25	8	SENE	46.86968	-93.86340		
Access Road	AR394.1-c	Cass	Pine River	07010105	5	w-139n25w8-ha	6/21/2019	1045.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	139	25	8	NENE	46.87205	-93.86430		
Access Road	AR711-b	Cass	Pine River	07010105	5	w-139n26w14-aa	8/7/2019	1041.3	6A - Hardwood Swamp	Type 7 - Wooded Swamps	PFO	0.02	139	26	14	SWNW	46.85672	-93.94172		
Access Road	AR711-a	Cass	Pine River	07010105	5	w-139n26w14-ac	8/7/2019	1041.2	6A - Hardwood Swamp	Type 7 - Wooded Swamps	PFO	0.01	139	26	14	SWNW	46.85549	-93.94353		
Access Road	AR712-c	Cass	Pine River	07010105	5	w-139n26w20-aa	7/27/2016	1037.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	139	26	20	SWNW	46.84058	-94.00526		
Access Road	AR712-c	Cass	Pine River	07010105	5	w-139n26w20-ab	7/27/2016	1037.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	139	26	20	SWNW	46.84053	-94.00533		
Access Road	AR389.2	Cass	Pine River	07010105	5	w-139n26w21-b	10/8/2014	1039.1	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.02	139	26	21	SWNE	46.84265	-93.97432		
Access Road	AR389.2	Cass	Pine River	07010105	5	w-139n26w21-d	10/8/2014	1039.0	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.00	139	26	21	SENE	46.84181	-93.97699		
Access Road	AR530	Cass	Pine River	07010105	5	w-139n28w28-aa	8/4/2018	1026.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.11	139	28	28	NENW	46.83386	-94.23028		
Access Road	AR367-e	Cass	Pine River	07010105	5	w-139n28w31-aa	7/27/2016	1023.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.12	139	28	31	SESW, SWSE	46.80734	-94.26989		
Access Road	AR480	Hubbard	Crow Wing River	07010106	5	w-141n35w20-a	6/9/2017	964.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	141	35	20	NWSW	47.01459	-95.14930		
Access Road	AR335.3	Hubbard	Crow Wing River	07010106	5	w-141n35w31-a	7/15/2015	967.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	141	35	31	SESE	46.97863	-95.14948		
Access Road	AR335.3	Hubbard	Crow Wing River	07010106	5	w-141n35w31-a	7/15/2015	967.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	141	35	31	SESE	46.97863	-95.14948		
Access Road	AR330.01-b	Hubbard	Crow Wing River	07010106	5	w-141n35w5-a	7/16/2015	961.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	141	35	5	NWNW	47.06451	-95.15024		
Access Road	AR330.01-a	Hubbard	Crow Wing River	07010106	5	w-141n35w5-a	7/16/2015	961.2	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	141	35	5	NWNW	47.06451	-95.15024		
Access Road	AR330.01-b	Hubbard	Crow Wing River	07010106	5	w-141n35w5-a	7/16/2015	961.2	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.05	141	35	5	NWNW	47.06451	-95.15024		
Access Road	AR330.01-b	Hubbard	Crow Wing River	07010106	5	w-141n35w5-a	7/16/2015	961.2	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.02	141	35	5	NWNW	47.06451	-95.15024		
Access Road	AR330.01-b	Hubbard	Crow Wing River	07010106	5	w-141n35w5-a	7/16/2015	961.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.04	141	35	5	NWNW	47.06451	-95.15024		
Access Road	AR707-a	Hubbard	Crow Wing River	07010106	5	w-142n35w20-ab	10/10/2018	958.7	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	142	35	20	SWNW	47.10263	-95.15061		
Access Road	AR707-a	Hubbard	Crow Wing River	07010106	5	w-142n35w20-ab	10/10/2018	958.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	142	35	20	SWNW	47.10263	-95.15061		
Access Road	AR707-a	Hubbard	Crow Wing River	07010106	5	w-142n35w20-ha		958.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	142	35	20	SWNW	47.10273	-95.15055		
Access Road	AR325-a	Hubbard	Mississippi River - Headwaters	07010101	5	w-143n35w29-b	7/17/2015	954.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	143	35	29	SESE	47.16942	-95.13360		
Access Road	AR325-a	Hubbard	Mississippi River - Headwaters	07010101	5	w-143n35w29-b	7/17/2015	954.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	143	35	29	SESE	47.16942	-95.13360	Forested Seasonal Ponds	
Access Road	AR325-b	Hubbard	Mississippi River - Headwaters	07010101	5	w-143n35w29-b	7/17/2015	954.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	143	35	29	SESE	47.16942	-95.13360		
Access Road	AR325-b	Hubbard	Mississippi River - Headwaters	07010101	5	w-143n35w29-b	7/17/2015	954.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	143	35	29	SESE	47.16942	-95.13360	Forested Seasonal Ponds	
Access Road	AR324.3	Hubbard	Mississippi River - Headwaters	07010101	5	w-143n35w29-d	7/17/2015	953.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	143	35	29	SENE	47.17455	-95.13456		
Access Road	AR325.01	Hubbard	Mississippi River - Headwaters	07010101	5	w-143n35w32-a	7/18/2015	954.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	143	35	29, 32	NWNE, SWSE	47.16676	-95.13638		
Access Road	AR527	Clearwater	Clearwater River	09020305	3	w-146n37w12-p	7/27/2018	927.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	146	37	12	SWNE	47.47942	-95.30307		
Access Road	AR305-a	Clearwater	Clearwater River	09020305	3	w-146n37w2-a1	10/1/2014	925.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	146	37	2	NENW	47.49968	-95.33066		
Access Road	AR305-b	Clearwater	Clearwater River	09020305	3	w-146n37w2-a1	10/1/2014	925.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	146	37	2	NENW	47.49968	-95.33066		
Access Road	AR306-a	Clearwater	Clearwater River	09020305	3	w-146n37w2-b	7/23/2015	925.4	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	146	37	2	NENW	47.49714	-95.33068		
Access Road	AR306-a	Clearwater	Clearwater River	09020305	3	w-146n37w2-b	7/23/2015	925.4	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PUB	0.00	146	37	2	NENW	47.49714	-95.33068		
Access Road	AR305-b	Clearwater	Clearwater River	09020305	3	w-146n37w2-b1	10/1/2014	925.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	146	37	2	NENW	47.49721	-95.33267		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR305-b	Clearwater	Clearwater River	09020305	3	w-147n37w35-a1	10/1/2014	925.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	146	37	2	NENW	47.49959	-95.33051		
Access Road	AR298.1-a	Clearwater	Clearwater River	09020305	3	w-148n37w20-a	6/20/2017	915.4	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	148	37	20	NWNW, SWSW	47.62693	-95.40161		
Access Road	AR298.1-a	Clearwater	Clearwater River	09020305	3	w-148n37w20-b	6/20/2017	915.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	148	37	20	NWNW, SWSW	47.62510	-95.40199		
Access Road	AR298.1-a	Clearwater	Clearwater River	09020305	3	w-148n37w20-b	6/20/2017	915.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	148	37	20	NWNW, SWSW	47.62510	-95.40199		
Access Road	AR298.1-a	Clearwater	Clearwater River	09020305	3	w-148n37w20-c	7/16/2015	916.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	148	37	20	SWSW	47.61817	-95.40366		
Access Road	AR298.1-b	Clearwater	Clearwater River	09020305	3	w-148n37w20-e	7/17/2015	916.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	148	37	20	SWSW	47.61873	-95.40167		
Access Road	AR299.1	Clearwater	Clearwater River	09020305	3	w-148n37w29-aa	7/21/2016	916.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	148	37	29	NESW	47.60698	-95.39838		
Access Road	AR1055	Clearwater	Clearwater River	09020305	3	w-149n38w15-b	10/14/2014	904.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	149	38	15	NWSW	47.72198	-95.51356		
Access Road	AR1055	Clearwater	Clearwater River	09020305	3	w-149n38w15-c	10/14/2014	904.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	149	38	15	NWSW	47.72165	-95.51385		
Access Road	AR1052-a	Clearwater	Clearwater River	09020305	3	w-149n38w16-j	7/9/2015	902.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	149	38	9, 16	NWNW, SWSW	47.73154	-95.53516		
Access Road	AR1037-a	Red Lake	Clearwater River	09020305	3	w-151n42w15-hh	10/3/2014	877.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	151	42	15	NWNE	47.90534	-96.01596		
Access Road	AR1037-b	Red Lake	Clearwater River	09020305	3	w-151n42w15-hh	10/3/2014	877.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	151	42	15	NWNE	47.90534	-96.01596		
Access Road	AR1037-a	Red Lake	Clearwater River	09020305	3	w-151n42w15-s	10/2/2014	877.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	151	42	15	NWNE	47.90552	-96.01606		
Haul Route	Corner Improvement	Pennington	Red Lake River	09020303	3	w-153n43w30-ha	7/26/2019	863.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	153	43	30	SWSW	48.03517	-96.24091		
Access Road	AR1027.2	Pennington	Red Lake River	09020303	3	w-153n44w11-a	9/29/2014	859.5	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	153	44	11	NWNE	48.09290	-96.27121		
Access Road	AR1027.2	Pennington	Red Lake River	09020303	3	w-153n44w11-b	7/9/2015	859.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	153	44	11	NWNE	48.09267	-96.27263		
Access Road	AR1027.2	Pennington	Red Lake River	09020303	3	w-153n44w11-b	7/9/2015	859.5	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.00	153	44	11	NWNE	48.09267	-96.27263		
Haul Route	Corner Improvement	Pennington	Red Lake River	09020303	3	w-153n44w3-ha	7/26/2019	858.4	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	153	44	3, 10	NWNW, SWSW	48.09347	-96.30587		
Access Road	AR1067	Marshall	Snake River	09020309	3	w-155n45w17-a	8/4/2014	845.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	155	45	17, 20	NENW, NWSW, SESW, SWSW	48.24132	-96.47409		
Access Road	AR1020.7	Marshall	Snake River	09020309	3	w-155n45w20-a	8/6/2014	845.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	155	45	20	NENW	48.23856	-96.47015	Wetlands with Known Occurrences of MDNR State-Listed Species	
Access Road	AR1020.7	Marshall	Snake River	09020309	3	w-155n45w20-a	8/6/2014	845.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	155	45	20	NENW	48.23856	-96.47015	Wetlands with Known Occurrences of MDNR State-Listed Species	
Access Road	AR1020-a	Marshall	Snake River	09020309	3	w-155n46w12-c	8/1/2014	843.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	155	46	12	NWNE	48.26812	-96.50776		
Access Road	AR1020-a	Marshall	Snake River	09020309	3	w-155n46w12-d	8/14/2015	843.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	155	46	12	NWNE, SENE, SWNE	48.26478	-96.50676		
Haul Route	Corner Improvement	Marshall	Snake River	09020309	3	w-155n46w15-ha	7/27/2019	842.9	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	155	46	15	SWSW	48.23924	-96.56540		
Haul Route	Corner Improvement	Marshall	Snake River	09020309	3	w-155n46w22-ha	7/27/2019	842.9	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	155	46	22	NWNW	48.23904	-96.56541		
Haul Route	Corner Improvement	Marshall	Snake River	09020309	3	w-156n46w18-ha	7/27/2019	836.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	156	46	18	NENE	48.34025	-96.61004		
Haul Route	Corner Improvement	Marshall	Snake River	09020309	3	w-156n46w20-ha	7/27/2019	837.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	156	46	20, 29	NWNW, SWSW	48.31190	-96.60931		
Access Road	AR1019	Marshall	Snake River	09020309	3	w-156n46w21-f	8/21/2014	838.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	156	46	28	NENW	48.31179	-96.57766		
Access Road	AR1018	Marshall	Snake River	09020309	3	w-156n46w21-g	7/8/2015	838.4	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	156	46	21	NESW, SESW	48.31547	-96.58090		
Haul Route	Corner Improvement	Marshall	Red River of the North - Tamarac River	09020311	3	w-156n47w12-ha	7/27/2019	834.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	156	47	12	NWNW	48.35481	-96.65252		
Haul Route	Corner Improvement	Kittson	Red River of the North - Tamarac River	09020311	3	w-159n48w32-ha	7/30/2019	817.7	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.01	159	48	32	SESE	48.54344	-96.86801		
Haul Route	Corner Improvement	Kittson	Red River of the North - Tamarac River	09020311	3	w-160n49w6-ha	7/31/2019	803.5	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.03	160	49	6	NWNW	48.71682	-97.04069		
Haul Route	Corner Improvement	Kittson	Red River of the North - Tamarac River	09020311	3	w-160n50w10-ha	8/2/2019	802.9	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.05	160	50	10	NENE	48.70386	-97.08498		
Haul Route	Corner Improvement	Kittson	Red River of the North - Tamarac River	09020311	3	w-160n50w11-ha	8/2/2019	802.9	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.05	160	50	11	NWNW	48.70387	-97.08461		
Haul Route	Corner Improvement	Kittson	Red River of the North - Tamarac River	09020311	3	w-160n50w1-ha	7/31/2019	804.0	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.04	160	50	1	SESE	48.70444	-97.04162		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Haul Route	Corner Improvement	Kittson	Red River of the North - Tamarac River	09020311	3	w-160n50w3-ha	7/31/2019	801.4	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.11	160	50	3, 4	NENE, NWNW	48.71648	-97.10692		
Access Road	AR1003	Pembina			0	w-160n50w6-a	7/23/2014	801.2	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.00	0	0	0	0	48.71117	-97.12459		
Access Road	AR1004	Pembina			0	w-160n50w6-a	7/23/2014	801.2	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.01	0	0	0	0	48.71117	-97.12459		
Access Road	AR1005-b	Kittson	Red River of the North - Tamarac River	09020311	3	w-160n50w9-a	7/7/2015	801.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	160	50	4, 9	NENE, NWNE, SESE	48.70374	-97.11317		
Access Road	AR1005-c	Kittson	Red River of the North - Tamarac River	09020311	3	w-160n50w9-a	7/7/2015	801.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.38	160	50	4, 9	NENE, NWNE, SESE	48.70374	-97.11317		
Haul Route	Corner Improvement	Kittson	Two Rivers		3	w-161n49w31-ha	7/31/2019	803.5	3B - Fresh (wet) Meadow	Type 2 - Wet meadows	PEM	0.02	160, 161	49	6, 31	NWNW, SESE	48.71703	-97.04056		
Access Road	AR692	Carlton	Nemadji River	04010301	1	w-48n16w34-aa	6/4/2019	1126.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	48	16	34	NWNE	46.60523	-92.35244		
Access Road	AR692	Carlton	Nemadji River	04010301	1	w-48n16w34-ab	6/4/2019	1126.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	48	16	34	NWNE	46.60526	-92.35230		
Access Road	AR600-c	Carlton	St. Louis River	04010201	1	w-48n17w16-a	10/8/2018	1117.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.10	48	17	16	NWNW, SENW, SWNW	46.64510	-92.50609	Wetlands Hydrologically Connected to Trout Streams	
Access Road	AR600-d	Carlton	St. Louis River	04010201	1	w-48n17w16-a	10/8/2018	1117.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.13	48	17	16	NWNW, SENW, SWNW	46.64510	-92.50609	Wetlands Hydrologically Connected to Trout Streams	
Access Road	AR600-d	Carlton	St. Louis River	04010201	1	w-48n17w16-a	10/8/2018	1117.8	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.23	48	17	16	NWNW, SENW, SWNW	46.64510	-92.50609	Wetlands Hydrologically Connected to Trout Streams	
Access Road	AR600-a	Carlton	St. Louis River	04010201	1	w-48n17w16-i	6/19/2018	1117.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	48	17	16	SENE, SWNW	46.64297	-92.50681		
Access Road	AR600-b	Carlton	St. Louis River	04010201	1	w-48n17w16-i	6/19/2018	1117.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	48	17	16	SENE, SWNW	46.64297	-92.50681		
Access Road	AR600-a	Carlton	St. Louis River	04010201	1	w-48n17w16-i	6/19/2018	1117.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	48	17	16	SENE, SWNW	46.64297	-92.50681		
Access Road	AR600-a	Carlton	St. Louis River	04010201	1	w-48n17w16-j	6/19/2018	1117.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	48	17	16	SWNW	46.64265	-92.50683		
Access Road	AR598-c	Carlton	St. Louis River	04010201	1	w-48n17w6-x	6/5/2019	1115.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	48	17	6	SESW	46.66725	-92.54409		FDL
Access Road	AR599	Carlton	St. Louis River	04010201	1	w-48n17w8-a	7/12/2018	1116.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.09	48	17	8	SENE, SWNW	46.65820	-92.52923	Wetlands Hydrologically Connected to Trout Streams	
Access Road	AR599	Carlton	St. Louis River	04010201	1	w-48n17w8-a	7/12/2018	1116.3	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.02	48	17	8	SENE, SWNW	46.65820	-92.52923	Wetlands Hydrologically Connected to Trout Streams	
Access Road	AR599	Carlton	St. Louis River	04010201	1	w-48n17w8-h	7/12/2018	1116.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	48	17	8	SWNW	46.65971	-92.53242		
Access Road	AR599	Carlton	St. Louis River	04010201	1	w-48n17w8-h	7/12/2018	1116.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	48	17	8	SWNW	46.65971	-92.53242		
Access Road	AR599	Carlton	St. Louis River	04010201	1	w-48n17w8-i	7/12/2018	1116.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.05	48	17	8	SENE, SWNW	46.65803	-92.52808		
Access Road	AR594	Carlton	St. Louis River	04010201	1	w-49n18w27-a	10/23/2018	1111.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	49	18	26, 27	NESE, NWSW, SENE, SWNE	46.70042	-92.59928	Wetlands Hydrologically Connected to Trout Streams	FDL
Access Road	AR594	Carlton	St. Louis River	04010201	1	w-49n18w27-b	9/6/2018	1111.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	49	18	22, 27	NENW, NWNE, SESW, SWNE	46.70601	-92.60808		FDL
Access Road	AR705	Carlton	Kettle River	07030003	6	w-49n18w35-c	6/7/2018	1113.1	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.07	49	18	35	NESE, NWNE, SENE, SWNE	46.68660	-92.58148		FDL
Access Road	AR597-c	Carlton	Kettle River	07030003	6	w-49n18w35-c	6/7/2018	1113.1	1 - Shallow, Open Water	Type 5 - Inland Open Fresh Water	PUB	0.02	49	18	35	NESE, NWNE, SENE, SWNE	46.68660	-92.58148		FDL
Access Road	AR597-a	Carlton	St. Louis River	04010201	1	w-49n18w35-l	7/6/2018	1113.1	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.15	49	18	35	SENE	46.68985	-92.57788		FDL
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w6-a	6/26/2019	1107.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	49	18, 19	1, 6, 7, 8, 12	NENE, NENW, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESW, SWNE, SWNW, SWSW	46.74964	-92.67013	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	FDL
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w6-a	6/26/2019	1107.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	49	18, 19	1, 6, 7, 8, 12	NENE, NENW, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESW, SWNE, SWNW, SWSW	46.74964	-92.67013	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	FDL
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w6-a	6/26/2019	1107.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.30	49	18, 19	1, 6, 7, 8, 12	NENE, NENW, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESW, SWNE, SWNW, SWSW	46.74964	-92.67013	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	FDL

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w6-a	6/26/2019	1107.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	49	18, 19	1, 6, 7, 8, 12	NENE, NENW, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESW, SWNE, SWNW, SWSW	46.74964	-92.67013	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	FDL
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w7-a	7/10/2018	1107.6	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	49	18	7, 18	NWNE, NWSE, SWSE	46.73867	-92.66992		FDL
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w7-a	7/10/2018	1107.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.06	49	18	7, 18	NWNE, NWSE, SWSE	46.73867	-92.66992		FDL
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w7-a	7/10/2018	1107.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.17	49	18	7, 18	NWNE, NWSE, SWSE	46.73867	-92.66992		FDL
Haul Route	HR-MN-CR-004.12	Carlton	St. Louis River	04010201	1	w-49n18w7-ha	6/10/2019	1107.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.39	49	18	7	SENE, SENW, SENW, SWNW	46.74383	-92.67324		FDL
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-h	7/12/2018	1100.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	50	19	17	NWSE, SWNE	46.81681	-92.77358		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-h	7/12/2018	1100.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	50	19	17	NWSE, SWNE	46.81681	-92.77358		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-h	7/12/2018	1100.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	50	19	17	NWSE, SWNE	46.81681	-92.77358	Forested Seasonal Ponds	
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-i	7/12/2018	1100.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	50	19	17	SWNE	46.81736	-92.77511		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-k	7/12/2018	1100.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	50	19	17	SENE	46.81728	-92.77686		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-l	7/12/2018	1100.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	17	SENE	46.81814	-92.77716		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-m	7/12/2018	1099.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	17	SENE	46.81874	-92.77863		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-n	7/12/2018	1099.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.06	50	19	17	NWNW, SENW, SWNW	46.81993	-92.78152		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-o	7/12/2018	1099.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	50	19	17	NWNW, SWNW	46.82006	-92.78265		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-p	7/12/2018	1099.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	17	NWNW	46.82028	-92.78264		
Access Road	AR587	St. Louis	St. Louis River	04010201	1	w-50n19w17-p	7/12/2018	1099.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	17	NWNW	46.82028	-92.78264		
Access Road	AR586-a	St. Louis	St. Louis River	04010201	1	w-50n19w17-q	7/12/2018	1099.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	17	NWNW	46.82244	-92.78624		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-q	7/12/2018	1099.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	50	19	17	NWNW	46.82244	-92.78624		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-q	7/12/2018	1099.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	50	19	17	NWNW	46.82244	-92.78624		
Access Road	AR586-a	St. Louis	St. Louis River	04010201	1	w-50n19w17-r	7/12/2018	1099.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	50	19	17	NWNW	46.82263	-92.78634		
Access Road	AR586-b	St. Louis	St. Louis River	04010201	1	w-50n19w17-r	7/12/2018	1099.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	50	19	17	NWNW	46.82263	-92.78634		
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w22-a	7/18/2018	1103.1	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	50	19	22, 26, 27, 35	NENW, NESE, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWSE, SWSW	46.78970	-92.72739		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w22-a	7/18/2018	1103.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	50	19	22, 26, 27, 35	NENW, NESE, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWSE, SWSW	46.78970	-92.72739		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w22-a	7/18/2018	1103.1	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.20	50	19	22, 26, 27, 35	NENW, NESE, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWSE, SWSW	46.78970	-92.72739		FDL
Access Road	AR588	St. Louis	St. Louis River	04010201	1	w-50n19w22-a	7/18/2018	1103.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	22, 26, 27, 35	NENW, NESE, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWSE, SWSW	46.78970	-92.72739		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w22-a	7/18/2018	1103.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	50	19	22, 26, 27, 35	NENW, NESE, NWNW, NWSW, SENE, SENW, SESE, SESW, SWNE, SWSE, SWSW	46.78970	-92.72739		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w22-a	7/18/2018	1103.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	50	19	22, 26, 27, 35	NENW, NESE, NWNW, NWSW, SENE, SENW, SESE, SESW, SWNE, SWSE, SWSW	46.78970	-92.72739		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hc	6/10/2019	1103.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	26	SENE	46.79134	-92.71224		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-he	6/20/2019	1103.6	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.04	50	19	26	NWSW, SWSW	46.78641	-92.71823		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hf	6/20/2019	1103.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	50	19	26	NWSW	46.78723	-92.71763		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hg	6/20/2019	1103.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.22	50	19	26	NESW	46.78842	-92.71603		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hg	6/20/2019	1103.5	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.03	50	19	26	NESW	46.78842	-92.71603		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hg	6/20/2019	1103.5	5B - Alder Thicket	Type 6 - Shrub Swamp	PUB	0.01	50	19	26	NESW	46.78842	-92.71603		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hg	6/20/2019	1103.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	50	19	26	NESW	46.78842	-92.71603		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hh	6/20/2019	1103.4	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.28	50	19	26	NESW, SENW	46.79016	-92.71598		FDL
Access Road	AR589	St. Louis	St. Louis River	04010201	1	w-50n19w26-hh	6/20/2019	1103.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	26	NESW, SENW	46.79016	-92.71598		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-a	7/4/2018	1104.0	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.09	50	19	35	NWNE	46.78173	-92.71140		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-a	7/4/2018	1104.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.07	50	19	35	NWNE	46.78173	-92.71140		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-a	7/4/2018	1104.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	50	19	35	NWNE	46.78173	-92.71140		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-a	7/4/2018	1104.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	50	19	35	NWNE	46.78173	-92.71140	Forested Seasonal Ponds	FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-c	7/4/2018	1104.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.29	50	19	26, 35	NENE, NWNE, SESE	46.78304	-92.70675		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-c	7/4/2018	1104.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	50	19	26, 35	NENE, NWNE, SESE	46.78304	-92.70675		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-d	7/4/2018	1104.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	50	19	35	NWNE	46.78280	-92.70804		FDL
Access Road	AR590	St. Louis	St. Louis River	04010201	1	w-50n19w35-e	7/4/2018	1104.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	50	19	26, 35	NENE, SESE	46.78315	-92.70420		FDL
Access Road	AR646	St. Louis	St. Louis River	04010201	1	w-50n19w7-c	9/26/2018	1098.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.08	50	19	7	NWSE, SENW, SWNE	46.83040	-92.79629		
Access Road	AR646	St. Louis	St. Louis River	04010201	1	w-50n19w7-c	9/26/2018	1098.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	7	NWSE, SENW, SWNE	46.83040	-92.79629		
Access Road	AR646-a	St. Louis	St. Louis River	04010201	1	w-50n19w7-c	9/26/2018	1098.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.14	50	19	7	NWSE, SENW, SWNE	46.83040	-92.79629		
Access Road	AR646-b	St. Louis	St. Louis River	04010201	1	w-50n19w7-c	9/26/2018	1098.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.17	50	19	7	NWSE, SENW, SWNE	46.83040	-92.79629		
Access Road	AR585	St. Louis	St. Louis River	04010201	1	w-50n19w7-g	6/19/2018	1099.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	50	19	7	SESE	46.82582	-92.78774		
Access Road	AR583	St. Louis	St. Louis River	04010201	1	w-50n20w1-da	10/8/2018	1096.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	50	20	1	NENW	46.85194	-92.82140		
Access Road	AR583	St. Louis	St. Louis River	04010201	1	w-50n20w1-db	10/8/2018	1096.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	50	20	1	NENW	46.85195	-92.82118		
Access Road	AR583	St. Louis	St. Louis River	04010201	1	w-50n20w1-db	10/8/2018	1096.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	50	20	1	NENW	46.85195	-92.82118		
Access Road	AR583	St. Louis	St. Louis River	04010201	1	w-50n20w1-dc	10/8/2018	1096.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	50	20	1	NWNW	46.84961	-92.82264	Forested Seasonal Ponds	
Access Road	AR583	St. Louis	St. Louis River	04010201	1	w-50n20w1-dd	10/8/2018	1096.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	50	20	1	NWNW	46.84929	-92.82311	Forested Seasonal Ponds	
Access Road	AR645-a	St. Louis	St. Louis River	04010201	1	w-50n20w1-e	9/26/2018	1097.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.10	50	20	1, 12	NENE, SESE	46.83831	-92.80931		
Access Road	AR645-b	St. Louis	St. Louis River	04010201	1	w-50n20w1-e	9/26/2018	1097.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.17	50	20	1, 12	NENE, SESE	46.83831	-92.80931		
Access Road	AR645-b	St. Louis	St. Louis River	04010201	1	w-50n20w1-e	9/26/2018	1097.9	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.03	50	20	1, 12	NENE, SESE	46.83831	-92.80931		
Access Road	AR645-a	St. Louis	St. Louis River	04010201	1	w-50n20w1-e	9/26/2018	1097.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	50	20	1, 12	NENE, SESE	46.83831	-92.80931		
Access Road	AR645-b	St. Louis	St. Louis River	04010201	1	w-50n20w1-e	9/26/2018	1097.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.07	50	20	1, 12	NENE, SESE	46.83831	-92.80931		
Access Road	AR645-c	St. Louis	St. Louis River	04010201	1	w-50n20w1-e	9/26/2018	1097.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	50	20	1, 12	NENE, SESE	46.83831	-92.80931		
Haul Route	Corner Improvement	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-50n25w16-hb	6/27/2019	1061.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	50	25	9, 16	NWNW, SWSW	46.82675	-93.52783		
Haul Route	Corner Improvement	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-50n25w17-ha	6/27/2019	1061.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.13	50	25	8, 9, 16, 17	NENE, NWNW, SESE, SWSW	46.82677	-93.52814		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Haul Route	Corner Improvement	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-50n25w17-hb	6/27/2019	1061.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	50	25	16, 17	NENE, NWNW	46.82652	-93.52805		
Access Road	AR579-a	St. Louis	St. Louis River	04010201	1	w-51n20w19-aa	8/28/2018	1090.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	51	20, 21	18, 19, 24	NENE, NWNW, SWSW	46.89581	-92.93194		
Access Road	AR579-a	St. Louis	St. Louis River	04010201	1	w-51n20w19-aa	8/28/2018	1090.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	20, 21	18, 19, 24	NENE, NWNW, SWSW	46.89581	-92.93194		
Access Road	AR580-b	St. Louis	St. Louis River	04010201	1	w-51n20w21-e	6/20/2018	1093.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	20	21, 28	NENE, SESE	46.88153	-92.87243		
Access Road	AR580-b	St. Louis	St. Louis River	04010201	1	w-51n20w21-e	6/20/2018	1093.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	20	21, 28	NENE, SESE	46.88153	-92.87243		
Access Road	AR713	St. Louis	St. Louis River	04010201	1	w-51n20w27-bb	9/4/2019	1094.1	6A - Hardwood Swamp	Type 7 - Wooded Swamps	PFO	0.00	51	20	27	SENE	46.87550	-92.86282		
Access Road	AR580-b	St. Louis	St. Louis River	04010201	1	w-51n20w28-a	6/20/2018	1093.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	20	27, 28	NENE, NWNW, SWNW	46.87961	-92.87004		
Access Road	AR580-b	St. Louis	St. Louis River	04010201	1	w-51n20w28-a	6/20/2018	1093.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	20	27, 28	NENE, NWNW, SWNW	46.87961	-92.87004		
Access Road	AR694-a	St. Louis	St. Louis River	04010201	1	w-51n21w15-bc	9/25/2018	1087.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	21	15	NWSW	46.90361	-92.99550		
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	St. Louis	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.26	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965		
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Cedar Swamp	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.14	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Cedar Swamp	
Access Road	AR556	St. Louis	St. Louis River	04010201	1	w-51n21w17-z	6/22/2018	1084.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	21, 22	13, 14, 17, 18	NENE, NENW, NWNE, NWNW	46.91077	-93.05965		
Access Road	AR694-d	St. Louis	St. Louis River	04010201	1	w-51n21w22-a	9/25/2018	1087.3	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.41	51	21	15, 20, 21, 22	NESE, NESW, NWNW, NWSE, NWSW, SWNW, SWSW	46.88956	-93.00234		
Access Road	AR694-b	St. Louis	St. Louis River	04010201	1	w-51n21w22-a	9/25/2018	1087.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.05	51	21	15, 20, 21, 22	NESE, NESW, NWNW, NWSE, NWSW, SWNW, SWSW	46.88956	-93.00234		
Access Road	AR694-d	St. Louis	St. Louis River	04010201	1	w-51n21w22-a	9/25/2018	1087.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.52	51	21	15, 20, 21, 22	NESE, NESW, NWNW, NWSE, NWSW, SWNW, SWSW	46.88956	-93.00234		
Access Road	AR694-b	St. Louis	St. Louis River	04010201	1	w-51n21w22-a	9/25/2018	1087.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.07	51	21	15, 20, 21, 22	NESE, NESW, NWNW, NWSE, NWSW, SWNW, SWSW	46.88956	-93.00234		
Access Road	AR694-c	St. Louis	St. Louis River	04010201	1	w-51n21w22-a	9/25/2018	1087.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	21	15, 20, 21, 22	NESE, NESW, NWNW, NWSE, NWSW, SWNW, SWSW	46.88956	-93.00234		
Access Road	AR694-d	St. Louis	St. Louis River	04010201	1	w-51n21w22-a	9/25/2018	1087.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.55	51	21	15, 20, 21, 22	NESE, NESW, NWNW, NWSE, NWSW, SWNW, SWSW	46.88956	-93.00234		
Access Road	AR644-a	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.16	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-b	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR644-e	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-f	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-d	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.46	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-b	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.10	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-c	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-d	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.22	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-e	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-e	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	4A - Open Bog	Type 8 - Bog	PEM	0.01	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-e	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	4B - Coniferous Bog	Type 8 - Bog	PFO	0.03	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-f	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	4A - Open Bog	Type 8 - Bog	PEM	0.01	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-f	St. Louis	St. Louis River	04010201	1	w-51n21w23-a	8/28/2018	1089.1	4B - Coniferous Bog	Type 8 - Bog	PFO	0.01	51	21	22, 23	NENE, NESE, NESW, NWSE, NWSW, SENE, SWNE	46.88872	-92.96404		
Access Road	AR644-b	St. Louis	St. Louis River	04010201	1	w-51n21w23-ad	8/27/2018	1089.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	21	23	SWNE	46.89135	-92.95875		
Access Road	AR644-c	St. Louis	St. Louis River	04010201	1	w-51n21w23-ad	8/27/2018	1089.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	21	23	SWNE	46.89135	-92.95875		
Access Road	AR579-c	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.18	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR576	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.12	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR578-a	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.18	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR578-b	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.22	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR578-c	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.47	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR578-d	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.13	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR578-e	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.30	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR579-b	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR576	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR578-a	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR578-e	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.26	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR579-a	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR579-b	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR579-b	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR579-c	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR578-e	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	4B - Coniferous Bog	Type 8 - Bog	PFO	0.28	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR579-b	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	4B - Coniferous Bog	Type 8 - Bog	PFO	0.02	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR579-c	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	4A - Open Bog	Type 8 - Bog	PEM	0.32	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR579-c	St. Louis	St. Louis River	04010201	1	w-51n21w24-b	6/11/2019	1090.6	4B - Coniferous Bog	Type 8 - Bog	PFO	0.27	51	20, 21	19, 24	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.88586	-92.93304		
Access Road	AR556	St. Louis	St. Louis River	04010201	1	w-51n21w7-a	6/22/2018	1084.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.17	51	21, 22	13, 14, 18	NENE, NENW, NWNE, NWNW	46.91085	-93.06399		
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w7-a	6/22/2018	1084.5	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	51	21, 22	13, 14, 18	NENE, NENW, NWNE, NWNW	46.91085	-93.06399	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n21w7-a	6/22/2018	1084.5	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	21, 22	13, 14, 18	NENE, NENW, NWNE, NWNW	46.91085	-93.06399	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	St. Louis	St. Louis River	04010201	1	w-51n21w8-a	6/22/2018	1086.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	21	17	NENW, NWNE	46.91118	-93.02724		
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	51	22	10, 11, 14, 15	NENE, NENW, NWNE, NWNW, SESE, SWSE, SWSW	46.91084	-93.10478	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.21	51	22	10, 11, 14, 15	NENE, NENW, NWNE, NWNW, SESE, SWSE, SWSW	46.91084	-93.10478	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	10, 11, 14, 15	NENE, NENW, NWNE, NWNW, SESE, SWSE, SWSW	46.91084	-93.10478	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	10, 11, 14, 15	NENE, NENW, NWNE, NWNW, SESE, SWSE, SWSW	46.91084	-93.10478	Cedar Swamp, Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.08	51	22	10, 11, 14, 15	NENE, NENW, NWNE, NWNW, SESE, SWSE, SWSW	46.91084	-93.10478	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	10, 11, 14, 15	NENE, NENW, NENE, NENW, NENE, NENW, SESE, SWSE, SWSW	46.91084	-93.10478	Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	10, 11, 14, 15	NENE, NENW, NENE, NENW, NENE, NENW, SESE, SWSE, SWSW	46.91084	-93.10478	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w10-a	6/25/2018	1082.3	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	10, 11, 14, 15	NENE, NENW, NENE, NENW, NENE, NENW, SESE, SWSE, SWSW	46.91084	-93.10478	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Cedar Swamp	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w11-a	6/22/2018	1083.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.15	51	22	11	SESW, SWSE	46.91167	-93.08847	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w11-a	6/22/2018	1083.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	22	11	SESW, SWSE	46.91167	-93.08847	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w11-a	6/22/2018	1083.1	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	22	11	SESW, SWSE	46.91167	-93.08847	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w11-a	6/22/2018	1083.1	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	11	SESW, SWSE	46.91167	-93.08847	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w11-a	6/22/2018	1083.1	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	11	SESW, SWSE	46.91167	-93.08847	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w11-b	6/25/2018	1082.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14	NENW	46.91082	-93.09152	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-b	Aitkin	St. Louis River	04010201	1	w-51n22w14-aa	8/23/2018	1083.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	14	NENW	46.90850	-93.09064	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR569-b	Aitkin	St. Louis River	04010201	1	w-51n22w14-ac	6/17/2019	1083.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	22	14	SWNE	46.90656	-93.08921	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites, Cedar Swamp, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR569-b	Aitkin	St. Louis River	04010201	1	w-51n22w14-ac	6/17/2019	1083.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	14	SWNE	46.90656	-93.08921	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-b	Aitkin	St. Louis River	04010201	1	w-51n22w14-ac	6/17/2019	1083.0	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	14	SWNE	46.90656	-93.08921	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-b	Aitkin	St. Louis River	04010201	1	w-51n22w14-ac	6/17/2019	1083.0	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	14	SWNE	46.90656	-93.08921	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ae	9/17/2018	1083.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	51	22	14	SENE	46.90614	-93.09068	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	1.29	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.42	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.43	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.29	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ag	6/17/2019	1082.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	22	14	NESW, NWSW, SENW, SWSW	46.90077	-93.09592	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.11	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds, Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.12	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	4B - Coniferous Bog	Type 8 - Bog	PFO	0.00	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	4B - Coniferous Bog	Type 8 - Bog	PFO	0.06	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	4B - Coniferous Bog	Type 8 - Bog	PFO	0.01	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w14-ah	6/17/2019	1082.5	4B - Coniferous Bog	Type 8 - Bog	PFO	0.02	51	22	14, 15, 22	NENE, SESE, SWSW	46.89662	-93.10031	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w14-y	6/25/2018	1082.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14	NENW	46.91075	-93.09289	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w14-y	6/25/2018	1082.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	22	14	NENW	46.91075	-93.09289	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w14-z	6/22/2018	1083.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	11	SESW, SWSE	46.91114	-93.08936	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w14-z	6/22/2018	1083.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	11	SESW, SWSE	46.91114	-93.08936	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w15-z	6/25/2018	1082.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.09	51	22	14, 15	NENE, NENW, NWNE, NWNW	46.91076	-93.10237	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w15-z	6/25/2018	1082.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	14, 15	NENE, NENW, NWNE, NWNW	46.91076	-93.10237	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Cedar Swamp	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w15-z	6/25/2018	1082.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14, 15	NENE, NENW, NWNE, NWNW	46.91076	-93.10237	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w15-z	6/25/2018	1082.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14, 15	NENE, NENW, NWNE, NWNW	46.91076	-93.10237	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w15-z	6/25/2018	1082.4	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14, 15	NENE, NENW, NWNE, NWNW	46.91076	-93.10237	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w15-z	6/25/2018	1082.4	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	14, 15	NENE, NENW, NWNE, NWNW	46.91076	-93.10237	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w15-z	6/25/2018	1082.4	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	14, 15	NENE, NENW, NWNE, NWNW	46.91076	-93.10237	Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-aa	8/24/2018	1081.0	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.02	51	22	16	NWNE	46.90944	-93.13158	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds, HCVF Wetlands	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-aa	8/24/2018	1081.0	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.02	51	22	16	NWNE	46.90944	-93.13158	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w16-y	9/21/2018	1081.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.11	51	22	15, 16	NENE, NWNW	46.91077	-93.12016	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w16-y	9/21/2018	1081.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	51	22	15, 16	NENE, NWNW	46.91077	-93.12016	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w16-y	9/21/2018	1081.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	15, 16	NENE, NWNW	46.91077	-93.12016	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.01	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.10	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR568-a	Aitkin	St. Louis River	04010201	1	w-51n22w16-z	8/24/2018	1081.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	16	NENW, NWNE	46.91055	-93.13155	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w17-z	6/23/2018	1079.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	22	17, 18	NENE, NENW, NWNW, SENE	46.90902	-93.16117	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w17-z	6/23/2018	1079.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	51	22	17, 18	NENE, NENW, NWNW, SENE	46.90902	-93.16117	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w17-z	6/23/2018	1079.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	22	17, 18	NENE, NENW, NWNW, SENE	46.90902	-93.16117	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w17-z	6/23/2018	1079.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	17, 18	NENE, NENW, NWNW, SENE	46.90902	-93.16117	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w17-z	6/23/2018	1079.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.09	51	22	17, 18	NENE, NENW, NWNW, SENE	46.90902	-93.16117	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w17-z	6/23/2018	1079.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	17, 18	NENE, NENW, NWNW, SENE	46.90902	-93.16117	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-a	6/26/2018	1079.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	18	NESW	46.90078	-93.17533	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-c	9/22/2018	1078.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	51	22	18	NESW, NWSW	46.90079	-93.17990	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-c	9/22/2018	1078.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	18	NESW, NWSW	46.90079	-93.17990	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-d	6/26/2018	1078.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.11	51	22	18	NESW, NWSW	46.90070	-93.17929	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-d	6/26/2018	1078.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.08	51	22	18	NESW, NWSW	46.90070	-93.17929	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-d	6/26/2018	1078.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	18	NESW, NWSW	46.90070	-93.17929	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-e	8/22/2018	1078.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	22	18	NWSW	46.90090	-93.18469	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-e	8/22/2018	1078.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	22	18	NWSW	46.90090	-93.18469	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-f	6/26/2018	1078.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	51	22	18	NWSW, NWSW	46.90073	-93.18503	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w18-h	6/26/2018	1078.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	22	18	NWSW	46.90095	-93.18896	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w18-i	8/21/2018	1078.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	51	22	18	SWSW	46.89621	-93.18145	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w18-j	6/15/2019	1078.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	22	18, 19	NWNW, SWSW	46.89615	-93.18129	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w18-j	6/15/2019	1078.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	18, 19	NWNW, SWSW	46.89615	-93.18129	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w18-j	6/15/2019	1078.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	18, 19	NWNW, SWSW	46.89615	-93.18129	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w18-j	6/15/2019	1078.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	18, 19	NWNW, SWSW	46.89615	-93.18129	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR640-b	Aitkin	St. Louis River	04010201	1	w-51n22w18-k	6/14/2019	1078.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	22	18	SWSW	46.89731	-93.18118	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR640-b	Aitkin	St. Louis River	04010201	1	w-51n22w18-l	8/21/2018	1078.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	51	22	18	SWSW	46.89776	-93.18173	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR640-b	Aitkin	St. Louis River	04010201	1	w-51n22w18-m	6/14/2019	1078.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	51	22	18	SWSW	46.89857	-93.18294	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR640-b	Aitkin	St. Louis River	04010201	1	w-51n22w18-m	6/14/2019	1078.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.16	51	22	18	SWSW	46.89857	-93.18294	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR640-b	Aitkin	St. Louis River	04010201	1	w-51n22w18-m	6/14/2019	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	18	SWSW	46.89857	-93.18294	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR640-b	Aitkin	St. Louis River	04010201	1	w-51n22w18-n	8/22/2018	1078.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	51	22	18	SWSW	46.89947	-93.18492	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR640-a	Aitkin	St. Louis River	04010201	1	w-51n22w18-o	8/22/2018	1078.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	18	SWSW, SWSW	46.89961	-93.18533	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR640-a	Aitkin	St. Louis River	04010201	1	w-51n22w18-p	8/22/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	18	NWSW, SWSW	46.89968	-93.18575	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR640-a	Aitkin	St. Louis River	04010201	1	w-51n22w18-p	8/22/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	18	NWSW, SWSW	46.89968	-93.18575	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR640-a	Aitkin	St. Louis River	04010201	1	w-51n22w18-q	8/22/2018	1078.6	3B - Fresh (wet) Meadow	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.02	51	22	18	NWSW	46.90063	-93.18765	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-a	9/7/2017	1078.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	22	19	NESW, NWSE, NWSW, SESW, SWSE, SWSW	46.88506	-93.17762	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-a	9/7/2017	1078.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	19	NESW, NWSE, NWSW, SESW, SWSE, SWSW	46.88506	-93.17762	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ac	9/19/2018	1079.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.43	51	22	19	NESW, NWSE, SENW	46.88763	-93.17538	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ac	9/19/2018	1079.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.11	51	22	19	NESW, NWSE, SENW	46.88763	-93.17538	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ac	9/19/2018	1079.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.38	51	22	19	NESW, NWSE, SENW	46.88763	-93.17538	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ac	9/19/2018	1079.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	19	NESW, NWSE, SENW	46.88763	-93.17538	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ac	9/19/2018	1079.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.28	51	22	19	NESW, NWSE, SENW	46.88763	-93.17538	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ad	9/19/2018	1078.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.12	51	22	19	NWNW	46.89539	-93.18432	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ad	9/19/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	22	19	NWNW	46.89539	-93.18432	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ae	9/19/2018	1078.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.20	51	22	19	NWNW	46.89392	-93.18443	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ae	9/19/2018	1078.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	19	NWNW	46.89392	-93.18443	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ae	9/19/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	19	NWNW	46.89392	-93.18443	Forested Seasonal Ponds, Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ae	9/19/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	19	NWNW	46.89392	-93.18443	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ae	9/19/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	22	19	NWNW	46.89392	-93.18443	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ae	9/19/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	19	NWNW	46.89392	-93.18443	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-af	9/19/2018	1078.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	22	19	NWNW	46.89315	-93.18457	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-af	9/19/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	19	NWNW	46.89315	-93.18457	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-af	9/19/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	22	19	NWNW	46.89315	-93.18457	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ah	9/19/2018	1078.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	22	19	SWNW	46.89115	-93.18223	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ai	9/19/2018	1078.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	22	19	SENW, SWNW	46.89015	-93.17972	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ai	9/19/2018	1078.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.17	51	22	19	SENW, SWNW	46.89015	-93.17972	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n22w19-ai	9/19/2018	1078.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	19	SENW, SWNW	46.89015	-93.17972	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-a	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR567-a	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.29	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.15	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.20	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.08	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands	
Access Road	AR566	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.15	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.21	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.26	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w19-aj	6/15/2019	1079.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.54	51	22	18, 19	NENE, NENW, NWNE, SESW, SWSE	46.89550	-93.17341	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w19-ha	6/15/2019	1079.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	22	19	SENE	46.89046	-93.16688	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w19-hb	6/15/2019	1079.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	51	22	19	SENE	46.88960	-93.16666	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-a	6/15/2019	1080.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	20, 21	NESW, SESE, SESW, SWSE, SWSW	46.88474	-93.15316	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Old Growth Forested Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-a	6/15/2019	1080.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	22	20, 21	NESW, SESE, SESW, SWSE, SWSW	46.88474	-93.15316	Old Growth Forested Wetlands, HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-a	6/15/2019	1080.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.20	51	22	20, 21	NESW, SESE, SESW, SWSE, SWSW	46.88474	-93.15316	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Old Growth Forested Wetlands, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	22	20	NWSW	46.88687	-93.16046	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	22	20	NWSW	46.88687	-93.16046	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.13	51	22	20	NWSW	46.88687	-93.16046	Wetlands with High or Outstanding Biodiversity Sites	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.14	51	22	20	NWSW	46.88687	-93.16046	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	20	NWSW	46.88687	-93.16046	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	20	NWSW	46.88687	-93.16046	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.14	51	22	20	NWSW	46.88687	-93.16046	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	20	NWSW	46.88687	-93.16046	Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-aa	6/15/2019	1079.7	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	20	NWSW	46.88687	-93.16046	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ab	8/21/2018	1079.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	20	NWSW	46.88784	-93.16225	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ab	8/21/2018	1079.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	22	20	NWSW	46.88784	-93.16225	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ac	8/21/2018	1079.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.12	51	22	19, 20	NESE, NWSW	46.88835	-93.16403	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ac	8/21/2018	1079.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	22	19, 20	NESE, NWSW	46.88835	-93.16403	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ac	8/21/2018	1079.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	22	19, 20	NESE, NWSW	46.88835	-93.16403	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ac	8/21/2018	1079.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.18	51	22	19, 20	NESE, NWSW	46.88835	-93.16403	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ad	6/15/2019	1079.4	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	51	22	19	NESE, SENE	46.89020	-93.16625	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ad	6/15/2019	1079.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.32	51	22	19	NESE, SENE	46.89020	-93.16625	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR567-b	Aitkin	St. Louis River	04010201	1	w-51n22w20-ad	6/15/2019	1079.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	22	19	NESE, SENE	46.89020	-93.16625	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.20	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR643-a	St. Louis	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.30	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.05	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.07	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.27	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	2.74	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	1.20	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.17	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Cedar Swamp	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.15	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.47	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.49	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR643-a	St. Louis	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.14	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR643-b	St. Louis	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.48	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663		
Access Road	AR643-b	St. Louis	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.69	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	4B - Coniferous Bog	Type 8 - Bog	PFO	0.10	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	4B - Coniferous Bog	Type 8 - Bog	PFO	0.40	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	4B - Coniferous Bog	Type 8 - Bog	PFO	0.86	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	4B - Coniferous Bog	Type 8 - Bog	PFO	0.16	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR568-b	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	4B - Coniferous Bog	Type 8 - Bog	PFO	0.56	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	4B - Coniferous Bog	Type 8 - Bog	PFO	0.12	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-a	6/17/2019	1083.2	4B - Coniferous Bog	Type 8 - Bog	PFO	0.09	51	21, 22	15, 16, 19, 20, 21, 22, 23, 24	NENE, NENW, NESE, NWNE, NWSE, NWSW, SENE, SESE, SESW, SWNE, SWSE, SWSW	46.88755	-93.08663	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-aa	9/17/2018	1082.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	22	NENE	46.89626	-93.10402	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds, HCVF Wetlands, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR569-c	Aitkin	St. Louis River	04010201	1	w-51n22w22-aa	9/17/2018	1082.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	22	NENE	46.89626	-93.10402	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.09	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.08	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.19	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.09	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-a	6/17/2019	1079.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	22	8, 17, 18	NENE, NWNW, SENE, SESW, SWSE, SWSW	46.90905	-93.16110	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-b	9/22/2018	1080.2	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	51	22	8	SESE, SWSE	46.91074	-93.14895	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w8-b	9/22/2018	1080.2	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	22	8	SESE, SWSE	46.91074	-93.14895	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w9-a	6/23/2018	1081.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.10	51	22	9, 16	NENE, NENW, NWNE, NWNW, SESE, SWSW	46.91075	-93.13210	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w9-a	6/23/2018	1081.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	22	9, 16	NENE, NENW, NWNE, NWNW, SESE, SWSW	46.91075	-93.13210	HCVF Wetlands, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w9-a	6/23/2018	1081.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.24	51	22	9, 16	NENE, NENW, NWNE, NWNW, SESE, SWSW	46.91075	-93.13210	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w9-a	6/23/2018	1081.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.07	51	22	9, 16	NENE, NENW, NWNE, NWNW, SESE, SWSW	46.91075	-93.13210	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w9-b	6/23/2018	1080.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.07	51	22	8, 9	SESE, SWSW	46.91071	-93.14283	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w9-b	6/23/2018	1080.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	51	22	8, 9	SESE, SWSW	46.91071	-93.14283	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n22w9-b	6/23/2018	1080.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	51	22	8, 9	SESE, SWSW	46.91071	-93.14283	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w13-c	6/26/2018	1078.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	13	NESE	46.90083	-93.19349	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w13-d	6/26/2018	1078.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	13	NESE	46.90074	-93.19378	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w13-e	6/26/2018	1077.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	23	13	NWSE	46.90048	-93.19708	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w13-g	6/26/2018	1077.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	13	NESW, SESW	46.89982	-93.20102	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w13-h	6/26/2018	1077.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	23	13	SESW	46.89942	-93.20121	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w13-i	9/24/2018	1077.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	23	13, 24	NENW, SESW	46.89694	-93.20267	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w13-i	9/24/2018	1077.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	23	13, 24	NENW, SESW	46.89694	-93.20267	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w13-i	9/24/2018	1077.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.12	51	23	13, 24	NENW, SESW	46.89694	-93.20267	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w13-i	9/24/2018	1077.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	13, 24	NENW, SESW	46.89694	-93.20267	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n23w13-k	8/21/2018	1078.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	22	18	SWSW	46.89619	-93.18495	Wetlands with High or Outstanding Biodiversity Sites, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR563	Aitkin	St. Louis River	04010201	1	w-51n23w13-k	8/21/2018	1078.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	22	18	SWSW	46.89619	-93.18495	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR557	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w22-b	7/11/2018	1076.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	51	23	27	NENE	46.88206	-93.23446	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR561-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-bd	9/24/2018	1077.1	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.02	51	23	23	SENE	46.88973	-93.21440	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-c	7/11/2018	1076.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	23	NESW, SESW, SWSW	46.88423	-93.22482	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR559	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-c	7/11/2018	1076.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	23	NESW, SESW, SWSW	46.88423	-93.22482	Forested Seasonal Ponds, Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connect	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR559	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-c	7/11/2018	1076.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.05	51	23	23	NESW, SESW, SWSW	46.88423	-93.22482	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands with S1, S2, or S3 Native Plant Communities	
Access Road	AR559	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-c	7/11/2018	1076.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	23	NESW, SESW, SWSW	46.88423	-93.22482	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR559	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-c	7/11/2018	1076.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	23	23	NESW, SESW, SWSW	46.88423	-93.22482	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR559	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-c	7/11/2018	1076.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	23	NESW, SESW, SWSW	46.88423	-93.22482	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, F	
Access Road	AR561-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-d	7/11/2018	1077.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	23	23	NESE, NWSE, SESE, SWSE	46.88581	-93.21601	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR561-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-d	7/11/2018	1077.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	23	23	NESE, NWSE, SESE, SWSE	46.88581	-93.21601	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR561-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-d	7/11/2018	1077.0	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	51	23	23	NESE, NWSE, SESE, SWSE	46.88581	-93.21601	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR561-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-e	9/24/2018	1077.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	23	23, 24	NESE, NESW, NWSW, SESE, SESW, SWSW	46.88589	-93.20950	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR561-a	Aitkin	St. Louis River	04010201	1	w-51n23w23-e	9/24/2018	1077.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	23	23, 24	NESE, NESW, NWSW, SESE, SESW, SWSW	46.88589	-93.20950	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR561-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-e	9/24/2018	1077.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	51	23	23, 24	NESE, NESW, NWSW, SESE, SESW, SWSW	46.88589	-93.20950	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR639	Aitkin	St. Louis River	04010201	1	w-51n23w23-e	9/24/2018	1077.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	23	23, 24	NESE, NESW, NWSW, SESE, SESW, SWSW	46.88589	-93.20950	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR561-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-e	9/24/2018	1077.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	23	23, 24	NESE, NESW, NWSW, SESE, SESW, SWSW	46.88589	-93.20950	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-h	7/11/2018	1077.3	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.00	51	23	23	SENE	46.89201	-93.21058	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w23-j	7/11/2018	1077.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	23	SENE	46.89034	-93.21255	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w23-k	7/11/2018	1077.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	23	SENE	46.89035	-93.21265	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-m	7/11/2018	1076.9	1 - Shallow, Open Water	Type 5 - Inland Open Fresh Water	PUB	0.01	51	23	23	NWSE	46.88707	-93.21782	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-n	7/11/2018	1076.7	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.02	51	23	23	NESW, NWSE, SESW	46.88596	-93.22279	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-n	7/11/2018	1076.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.17	51	23	23	NESW, NWSE, SESW	46.88596	-93.22279	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w23-o	7/11/2018	1076.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	23	SWSW	46.88443	-93.22800	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR562-a	Aitkin	St. Louis River	04010201	1	w-51n23w24-aa	8/15/2018	1077.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	24	NENW	46.89430	-93.20236	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR562-a	Aitkin	St. Louis River	04010201	1	w-51n23w24-ab	8/15/2018	1077.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	23	24	NENW	46.89395	-93.20199	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR562-b	Aitkin	St. Louis River	04010201	1	w-51n23w24-ac	8/15/2018	1077.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	51	23	24	SWNE	46.89247	-93.19940	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with Known Occurrences of MDNR State-Listed Species, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR562-b	Aitkin	St. Louis River	04010201	1	w-51n23w24-ac	8/15/2018	1077.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	24	SWNE	46.89247	-93.19940	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with Known Occurrences of MDNR State-Listed Species, Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR562-b	Aitkin	St. Louis River	04010201	1	w-51n23w24-ad	8/17/2018	1077.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	23	24	SWNE	46.89067	-93.19728	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR562-b	Aitkin	St. Louis River	04010201	1	w-51n23w24-ad	8/17/2018	1077.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	24	SWNE	46.89067	-93.19728	Wetlands with S1, S2, or S3 Native Plant Communities, Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR562-b	Aitkin	St. Louis River	04010201	1	w-51n23w24-ae	8/17/2018	1077.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	24	SWNE	46.88956	-93.19677	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR562-b	Aitkin	St. Louis River	04010201	1	w-51n23w24-af	8/17/2018	1078.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	23	24	NESE	46.88713	-93.19394	Wetlands with S1, S2, or S3 Native Plant Communities, Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w24-x	6/26/2018	1077.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	23	24	NWNW	46.89453	-93.20559	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR556	Aitkin	St. Louis River	04010201	1	w-51n23w24-y	6/26/2018	1077.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	24	NWNW	46.89466	-93.20554	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR556	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w24-z	6/26/2018	1077.6	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	51	23	24	NENW	46.89556	-93.20379	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR638	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w27-ab	8/11/2018	1075.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	23	27	NENW	46.87974	-93.24526	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR635	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-ab	8/11/2018	1074.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	28	NWSE	46.87392	-93.26056	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR553-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-ac	8/11/2018	1074.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	28	NWSW	46.87325	-93.26855	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds, HCVF Wetlands	
Access Road	AR553-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-ac	8/11/2018	1074.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	23	28	NWSW	46.87325	-93.26855	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR553-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-ac	8/11/2018	1074.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	23	28	NWSW	46.87325	-93.26855	Wetlands with High or Outstanding Biodiversity Sites, HCVF Wetlands, Forested Seasonal Ponds	
Access Road	AR553-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-ad	8/11/2018	1074.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.05	51	23	28	NWSW	46.87367	-93.26765	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR634	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-b	8/11/2018	1074.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	28	NESW, NWSE	46.87293	-93.26324	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters, Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR634	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-b	8/11/2018	1074.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	28	NESW, NWSE	46.87293	-93.26324	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR634	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-b	8/11/2018	1074.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	23	28	NESW, NWSE	46.87293	-93.26324	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR634	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-b	8/11/2018	1074.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	28	NESW, NWSE	46.87293	-93.26324	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Forested Seasonal Ponds	
Access Road	AR635	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-c	8/11/2018	1074.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	51	23	28	NWSE	46.87363	-93.25912	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR635	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-c	8/11/2018	1074.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	23	28	NWSE	46.87363	-93.25912	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Forested Seasonal Ponds, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-e	7/13/2018	1075.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	28	NESE, SENE	46.87540	-93.25363	Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-e	7/13/2018	1075.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	28	NESE, SENE	46.87540	-93.25363	Wetlands with High or Outstanding Biodiversity Sites, Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-f	7/13/2018	1074.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	28	NESW	46.87420	-93.26452	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-g	7/13/2018	1074.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	28	NESW	46.87427	-93.26453	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-i	7/13/2018	1074.7	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	51	23	28	SENE	46.87624	-93.26283	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-l	7/13/2018	1074.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	23	28	SWNE	46.87600	-93.26128	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-m	7/13/2018	1074.9	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	51	23	28	SWNE	46.87596	-93.25978	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-n	7/13/2018	1074.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	23	28	SWNE	46.87597	-93.25791	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-o	7/13/2018	1075.0	2A - Deep Marsh	Type 4 - Inland Deep Fresh Marsh	PEM	0.03	51	23	28	SENE, SWNE	46.87593	-93.25676	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-p	7/13/2018	1075.0	1 - Shallow, Open Water	Type 5 - Inland Open Fresh Water	PUB	0.00	51	23	28	SWNE	46.87602	-93.25690	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-q	7/13/2018	1075.1	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.00	51	23	28	SENE	46.87615	-93.25511	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR554	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w28-r	7/13/2018	1075.1	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.00	51	23	28	SENE	46.87626	-93.25399	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR632-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w29-aa	8/14/2018	1073.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.06	51	23	29	SWNW	46.87724	-93.29125	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR632-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w29-c	8/15/2018	1073.4	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.03	51	23	29	NESW, NWSW	46.87392	-93.28834	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR632-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w29-c	8/15/2018	1073.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.08	51	23	29	NESW, NWSW	46.87392	-93.28834	Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR632-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w29-c	8/15/2018	1073.4	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	23	29	NESW, NWSW	46.87392	-93.28834	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR549-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-hb	6/14/2019	1072.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	23	30	SWNW	46.87875	-93.31077	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR549-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-hd	6/14/2019	1072.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	23	30	SWNW	46.87795	-93.31347	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-k	7/13/2018	1073.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	23	29, 30	SENE, SWNW	46.87891	-93.29347	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR632-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-k	7/13/2018	1073.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	23	29, 30	SENE, SWNW	46.87891	-93.29347	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-l	8/14/2018	1072.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	23	30	SWNE	46.87871	-93.29955	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-p	8/14/2018	1073.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	30	SENE	46.87904	-93.29480	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-q	8/14/2018	1073.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	30	SENE	46.87913	-93.29493	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-r	8/14/2018	1073.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	30	SENE	46.87903	-93.29431	Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-r	8/14/2018	1073.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	30	SENE	46.87903	-93.29431	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-s	8/14/2018	1073.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	23	30	SENE	46.87887	-93.29395	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-v	9/13/2018	1072.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	30	NWNE	46.88010	-93.30380	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-v	9/13/2018	1072.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	30	NWNE	46.88010	-93.30380	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-w	9/13/2018	1072.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	30	NENW	46.88037	-93.30635	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-w	9/13/2018	1072.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	30	NENW	46.88037	-93.30635	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-x	9/13/2018	1072.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	23	30	NENW	46.88036	-93.30752	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR550-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n23w30-x	9/13/2018	1072.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	23	30	NENW	46.88036	-93.30752	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR549-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-ae	8/11/2018	1071.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.14	51	24	25	NWSE	46.87544	-93.32123	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR549-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-af	8/11/2018	1071.8	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	24	25	NWSE	46.87387	-93.32114	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR546-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-h	7/14/2018	1071.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.23	51	24	25	SWSE	46.87143	-93.32394	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR549-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-ha	6/14/2019	1072.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	24	25	SENE	46.87703	-93.31752	Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR546-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-i	7/14/2018	1071.6	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.00	51	24	25	SWSE	46.87115	-93.32577	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR546-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-k	7/14/2018	1071.5	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.00	51	24	25	SESW	46.87114	-93.32685	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR546-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-l	7/14/2018	1071.4	8 - Seasonally Flooded Basin	Type 1 - Seasonally Flooded Basin or Flat	PEM	0.01	51	24	25	SESW	46.87175	-93.33090	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR546-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-m	7/14/2018	1071.3	2A - Deep Marsh	Type 4 - Inland Deep Fresh Marsh	PEM	0.01	51	24	25	SWSW	46.87191	-93.33245		
Access Road	AR546-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-n	7/14/2018	1071.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.07	51	24	25	SWSW	46.87207	-93.33375		
Access Road	AR546-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-n	7/14/2018	1071.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	51	24	25	SWSW	46.87207	-93.33375		
Access Road	AR546-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-n	7/14/2018	1071.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	24	25	SWSW	46.87207	-93.33375	Forested Seasonal Ponds	
Access Road	AR546-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-o ^d	7/14/2018	1071.1	2A - Deep Marsh	Type 4 - Inland Deep Fresh Marsh	PEM	0.15	51	24	25, 26	SESE, SWSW	46.87180	-93.33619		
Access Road	AR546-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-o	7/14/2018	1071.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	24	25, 26	SESE, SWSW	46.87180	-93.33619		
Access Road	AR547-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-o	7/14/2018	1071.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.12	51	24	25, 26	SESE, SWSW	46.87180	-93.33619		
Access Road	AR547-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w25-o	7/14/2018	1071.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	51	24	25, 26	SESE, SWSW	46.87180	-93.33619		
Access Road	AR546-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w26-bb	7/14/2018	1071.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	24	26	SESE	46.87043	-93.33855		
Access Road	RA22-3	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w27-d	8/26/2017	1069.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	24	27	NESW, NWSW	46.87350	-93.37337		
Access Road	AR543-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-a	6/3/2019	1068.1	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	24	28, 29	NESE, NESW, NWSE, NWSW, SESE, SESW, SWSE, SWSW	46.87227	-93.40013		
Access Road	AR706-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-a	6/3/2019	1068.1	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	24	28, 29	NESE, NESW, NWSE, NWSW, SESE, SESW, SWSE, SWSW	46.87227	-93.40013		
Access Road	AR706-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-a	6/3/2019	1068.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.10	51	24	28, 29	NESE, NESW, NWSE, NWSW, SESE, SESW, SWSE, SWSW	46.87227	-93.40013		
Access Road	AR706-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-a	6/3/2019	1068.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.28	51	24	28, 29	NESE, NESW, NWSE, NWSW, SESE, SESW, SWSE, SWSW	46.87227	-93.40013		
Access Road	AR706-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-a	6/3/2019	1068.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.51	51	24	28, 29	NESE, NESW, NWSE, NWSW, SESE, SESW, SWSE, SWSW	46.87227	-93.40013		
Access Road	AR543-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-b	7/23/2018	1068.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	24	28	SWSE	46.87020	-93.38927		
Access Road	AR543-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-c	7/23/2018	1068.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	24	28	SWSE	46.86923	-93.38923		
Access Road	AR543-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w28-d	7/23/2018	1068.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	24	28, 33	NWNE, SWSE	46.86923	-93.38940		
Access Road	AR541-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w31-a	6/3/2019	1066.2	7- Floodplain Forest	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.02	51	24, 25	31, 32, 36	NENE, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SWNE, SWNW	46.86279	-93.43634		
Access Road	AR542-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w31-a	6/3/2019	1066.2	7- Floodplain Forest	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.05	51	24, 25	31, 32, 36	NENE, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SWNE, SWNW	46.86279	-93.43634		
Access Road	AR708	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w31-a	6/3/2019	1066.2	7- Floodplain Forest	Type 1 - Seasonally Flooded Basin or Flat	PFO	0.26	51	24, 25	31, 32, 36	NENE, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SWNE, SWNW	46.86279	-93.43634		
Access Road	AR542-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w31-a	6/3/2019	1066.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.13	51	24, 25	31, 32, 36	NENE, NESE, NESW, NWNE, NWNW, NWSE, NWSW, SENE, SENW, SWNE, SWNW	46.86279	-93.43634		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR542-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w31-a	6/3/2019	1066.2	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	51	24, 25	31, 32, 36	NENE, NESE, NESW, NWNW, NWSW, SENE, SENW, SWNE, SWNW	46.86279	-93.43634		
Access Road	AR541-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w31-cc	9/27/2018	1066.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	51	24	31	SWNE	46.86194	-93.42719		
Haul Route	Corner Improvement	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n24w32-a	8/28/2017	1067.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.17	51	24	32	NWNW	46.86855	-93.41949		
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w31-a	6/18/2019	1059.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.09	51	25	31	NWNW	46.86835	-93.56791	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w31-a	6/18/2019	1059.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.12	51	25	31	NWNW	46.86835	-93.56791	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w31-b	9/13/2018	1060.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	25	31	NWNW, SWNW	46.86682	-93.56647	Forested Seasonal Ponds, Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w31-b	9/13/2018	1060.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	25	31	NWNW, SWNW	46.86682	-93.56647	Wetlands with High or Outstanding Biodiversity Sites, Forested Seasonal Ponds	
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w31-da	10/24/2018	1060.1	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	51	25	31	SENE	46.86412	-93.56370	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR626	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w35-e	6/3/2019	1062.9	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	25	33, 34, 35	NESE, NESW, NWSE, NWSW	46.86017	-93.50388		
Access Road	AR626	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w35-e	6/3/2019	1062.9	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	25	33, 34, 35	NESE, NESW, NWSE, NWSW	46.86017	-93.50388		
Access Road	AR626	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w35-e	6/3/2019	1062.9	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.00	51	25	33, 34, 35	NESE, NESW, NWSE, NWSW	46.86017	-93.50388		
Access Road	AR626	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w35-e	6/3/2019	1062.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	51	25	33, 34, 35	NESE, NESW, NWSE, NWSW	46.86017	-93.50388		
Access Road	AR626	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w35-e	6/3/2019	1062.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.41	51	25	33, 34, 35	NESE, NESW, NWSE, NWSW	46.86017	-93.50388		
Access Road	AR626	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n25w35-e	6/3/2019	1062.9	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.61	51	25	33, 34, 35	NESE, NESW, NWSE, NWSW	46.86017	-93.50388		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w20-aa	8/9/2018	1054.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	26	20	NESW, SENW, SWSE	46.89070	-93.66791		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w20-bb	8/9/2018	1055.2	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.01	51	26	20	NWSE, SWSE	46.88812	-93.66475		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w20-bb	8/9/2018	1055.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.10	51	26	20	NWSE, SWSE	46.88812	-93.66475		
Access Road	AR538-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR538-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107		
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.14	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107	Wetlands with High or Outstanding Biodiversity Sites	
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.05	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107		
Access Road	AR538-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107		
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.27	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR538-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.66	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107		
Access Road	AR538-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.04	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107	Wetlands with High or Outstanding Biodiversity Sites	
Access Road	AR538-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.27	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107	Wetlands with High or Outstanding Biodiversity Sites	
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w25-a	6/18/2019	1059.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	25, 26	25, 30, 31	NESE, NWNW, SESE, SWSW	46.87284	-93.57107		
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w26-bb	6/17/2019	1058.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.16	51	26	26	NESW, NWSW	46.87425	-93.60778		
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w26-bb	6/17/2019	1058.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.07	51	26	26	NESW, NWSW	46.87425	-93.60778		
Access Road	AR531-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w29-a	7/20/2018	1054.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	26	29	SWSW	46.87218	-93.67720		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w29-aa	8/9/2018	1055.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	26	29	NENE	46.88192	-93.65994		
Access Road	AR531-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w29-b	7/20/2018	1054.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	51	26	29	SWSW	46.87203	-93.67688		
Access Road	AR532	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-a	7/19/2018	1055.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.18	51	26	32	SENE, SWNE, SWNW	46.86541	-93.66913	Wetlands with Known Occurrences of MDNR State-Listed Species	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.07	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.03	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.00	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.06	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.15	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.32	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.12	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.11	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	4A - Open Bog	Type 8 - Bog	PEM	0.14	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	4A - Open Bog	Type 8 - Bog	PEM	0.21	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	4B - Coniferous Bog	Type 8 - Bog	PFO	0.02	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-c	9/28/2018	1056.3	4B - Coniferous Bog	Type 8 - Bog	PFO	0.37	50, 51	26	3, 4, 10, 15, 32, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85608	-93.64411	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR531-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-e	7/19/2018	1055.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	26	32	SENE	46.86658	-93.66786	Forested Seasonal Ponds	
Access Road	AR531-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-f	7/19/2018	1055.1	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	26	32	SENE	46.86659	-93.66809	Forested Seasonal Ponds	
Access Road	AR531-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-g	7/19/2018	1055.2	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	26	32	SWNE	46.86614	-93.66615		
Access Road	AR533-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-j	7/19/2018	1055.2	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	26	32	NWNE	46.86773	-93.66661	Forested Seasonal Ponds	
Access Road	AR533-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-l	7/20/2018	1055.4	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.11	51	26	32	NENE, NWNE	46.86805	-93.66163		
Access Road	AR533-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w32-m	7/20/2018	1055.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.07	51	26	32	NENE	46.86750	-93.65931	Forested Seasonal Ponds	
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.01	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.00	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.11	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.30	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.03	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.11	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.01	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.10	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	4B - Coniferous Bog	Type 8 - Bog	PFO	0.00	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR701	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-a	9/28/2018	1056.6	4B - Coniferous Bog	Type 8 - Bog	PFO	0.10	50, 51	26	3, 4, 10, 15, 33	NENE, NENW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.85362	-93.63769	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR533-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-t	7/20/2018	1055.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.15	51	26	32, 33	NWNW, SENE, SWNW	46.86705	-93.65593		
Access Road	AR533-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-t	7/20/2018	1055.7	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	26	32, 33	NWNW, SENE, SWNW	46.86705	-93.65593	Forested Seasonal Ponds	
Access Road	AR533-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-u	7/20/2018	1055.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	51	26	33	NWNW, SWNW	46.86708	-93.65285		
Access Road	AR533-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-u	7/20/2018	1055.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.01	51	26	33	NWNW, SWNW	46.86708	-93.65285		
Access Road	AR533-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-u	7/20/2018	1055.9	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.03	51	26	33	NWNW, SWNW	46.86708	-93.65285		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-v	8/9/2018	1055.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.00	51	26	28, 29, 33	NENW, SENE, SWSW	46.87379	-93.65377		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-v	8/9/2018	1055.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.02	51	26	28, 29, 33	NENW, SENE, SWSW	46.87379	-93.65377		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-w	8/9/2018	1055.8	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	0.14	51	26	28, 29, 33	NENW, NESE, NWNW, NWSW, SENE, SWSW	46.87351	-93.65343		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-w	8/9/2018	1055.8	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.05	51	26	28, 29, 33	NENW, NESE, NWNW, NWSW, SENE, SWSW	46.87351	-93.65343		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-w	8/9/2018	1055.8	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.12	51	26	28, 29, 33	NENW, NESE, NWNW, NWSW, SENE, SWSW	46.87351	-93.65343		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-w	8/9/2018	1055.8	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	26	28, 29, 33	NENW, NESE, NWNW, NWSW, SENE, SWSW	46.87351	-93.65343		
Access Road	AR624	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-w	8/9/2018	1055.8	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.06	51	26	28, 29, 33	NENW, NESE, NWNW, NWSW, SENE, SWSW	46.87351	-93.65343	Forested Seasonal Ponds	
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-x	7/21/2018	1056.0	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	51	26	33	NENW, SENW	46.86739	-93.64871		
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-x	7/21/2018	1056.0	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.02	51	26	33	NENW, SENW	46.86739	-93.64871		
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-x	7/21/2018	1056.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	26	33	NENW, SENW	46.86739	-93.64871		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR533-e	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-x	7/21/2018	1056.0	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.00	51	26	33	NENW, SENW	46.86739	-93.64871	Forested Seasonal Ponds	
Access Road	AR533-d	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w33-y	7/21/2018	1055.9	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	51	26	33	NENW	46.86855	-93.65086		
Access Road	AR534	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w34-a	8/8/2018	1057.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.06	51	26	34	NESE, SENE, SWNE	46.86314	-93.61656	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR535-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w34-a	8/8/2018	1057.6	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.04	51	26	34	NESE, SENE, SWNE	46.86314	-93.61656	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR535-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w34-a	8/8/2018	1057.6	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.04	51	26	34	NESE, SENE, SWNE	46.86314	-93.61656	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR534	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w34-a	8/8/2018	1057.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.12	51	26	34	NESE, SENE, SWNE	46.86314	-93.61656	Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance, Wetlands Hydrologically Connected to Wild Rice Waters	
Access Road	AR534	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w34-a	8/8/2018	1057.6	6B - Coniferous Swamp	Type 7 - Wooded Swamp	PFO	0.16	51	26	34	NESE, SENE, SWNE	46.86314	-93.61656	Wetlands Hydrologically Connected to Wild Rice Waters, Wetlands Hydrologically Connected to Lakes of High or Outstanding Biological Significance	
Access Road	AR535-c	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w34-aa	8/8/2018	1057.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	51	26	34	NESE, SESE	46.86002	-93.61471		
Access Road	AR535-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w34-bb	8/8/2018	1057.7	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.02	51	26	34	NESE	46.86112	-93.61440		
Access Road	AR537-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	3A - Sedge Meadow	Type 2 - Inland Fresh Meadow	PEM	1.59	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	3B - Fresh (wet) Meadow	Type 2 - Inland Fresh Meadow	PEM	0.99	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	2B - Shallow Marsh	Type 3 - Inland Shallow Fresh Marsh	PEM	0.00	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Access Road	AR537-a	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.09	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Access Road	AR537-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.33	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		

**Line 3 Replacement Project
Wetland Impacts Along Access Roads/Haul Routes**

Feature Type	Access Road / Haul Route Name	County	Major Watershed	Hydrologic Unit Code (HUC) 8	Bank Service Area (BSA)	Feature ID	Survey Date	Approximate Milepost	Eggers & Reed ^a	Circular 39 ^a	Cowardin ^a	Total Temporary Impacts (acres) ^b	Township	Range	Section	Quarter-Quarter Section	Latitude	Longitude	Special Wetland Category ^c	Occurs within Fond du Lac (FDL) Reservation
Access Road	AR537-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	5B - Alder Thicket	Type 6 - Shrub Swamp	PSS	0.05	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	5A - Shrub-Carr	Type 6 - Shrub Swamp	PSS	0.98	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Access Road	AR537-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	4B - Coniferous Bog	Type 7 - Wooded Swamp	PFO	0.05	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Access Road	AR537-b	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.68	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
Haul Route	HR-MN-AI-004.13	Aitkin	Mississippi River - Grand Rapids	07010103	5	w-51n26w35-a	6/18/2019	1058.5	6A - Hardwood Swamp	Type 7 - Wooded Swamp	PFO	0.39	51	26	25, 26, 35, 36	NENE, NESE, NESW, NWNW, NWSE, NWSW, SENE, SENW, SESE, SESW, SWNE, SWNW, SWSE, SWSW	46.86730	-93.59737		
TOTAL												56.26								

^a PEM = Palustrine Emergent; PSS=Palustrine Scrub Shrub; PFO = Palustrine Forested; PUB = Palustrine Unconsolidated Bottom (Cowardin et al, 1979). Eggers, S. D. and D. M. Reed. 2014. Wetland Plants and Communities of Minnesota and Wisconsin. St. Paul. U.S. Army Corps of Engineers.

^b Area of wetland impact that occurs within the access road/haul route corridor, based typically on a 30-foot-wide workspace.

^c Special Wetland Categories are discussed in the L3R Wetland Compensatory Mitigation Plan.

^d Beaver Dam located in wetland.