

# Water Monitoring Work in the Cannon River Watershed Through 2010

Watershed Lobe	Agency/Organization	Project Contact person	Telephone	Sample location	Station ID#	Type of Monitoring	Various WQ Parameters collected	Stream Flow measurements?	Timeline	GPS coordinates (Lat)	GPS coordinates (Long)	Comments
LOWER	MN dept of AG	Dave Tollefson	(507)206-2882	Little Cannon River	S004-512	Surface Waters	Pest, NO3, TP/OP, trans, DO, pH, TKN, TSS, Turbidity and E.coli	No	until 2011	44.5323	-92.8743	Tier 1
LOWER				Pine Creek	S001-941	Surface Waters	Pest, NO3, TP/OP	No	2005-2008	44.5323	-92.8743	Tier 1
UPPER				Upper Sakatah Lake	40-0002	Surface Waters	Pesticide sampling for Base Neutrals	No	2007	44.2292	-93.5308	Tier 1
MIDDLE				Spring Creek	S001-444	Surface Waters	Transparency, temperature, OP, TP, Knox, and pesticides	No	2005-2008	44.457	-93.2112	Tier 1
STRAIGHT				Straight River	S003-557	Surface Waters	Pesticide sampling for Base Neutrals	Yes-USGS gauging station	Since 2006	44.2578	-93.2313	Tier 1
LOWER				Cannon River @ Welch	S000-003	Surface Waters	Various parameters over the years--5 decades of records	Yes-USGS gauging station	1953-2009	44.567	-92.7376	Tier 2
LOWER				Trout Brook	S001-936	Surface waters	Pest, NO3, TP/OP	No	2005-2007	44.5434	-92.8041	Tier 1
LOWER				Goodhue SWCD	Beau Kennedy	(651) 923-5286	Little Cannon River	LC1	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009
LOWER				Little Cannon River	LC2	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.3417	-92.9298	Clean Water Legacy Project
LOWER				Little Cannon River	LC3	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.3511	-92.9483	Clean Water Legacy Project
LOWER				Little Cannon River	LC4	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.3704	-92.9231	Clean Water Legacy Project
LOWER				Little Cannon River	S001-436	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.3705	-92.9297	Clean Water Legacy Project
LOWER				Little Cannon River	LC5	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.3964	-92.9339	Clean Water Legacy Project
LOWER				Little Cannon River	LC6	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.4136	-92.9266	Clean Water Legacy Project
LOWER				Little Cannon River	LC7	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.4298	-92.906	Clean Water Legacy Project
LOWER				Little Cannon River	LC8	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.4696	-92.9348	Clean Water Legacy Project
LOWER				Little Cannon River	LC10	Surface waters	E.Coli, Transparency, state, some field measurements using a YSI meter	No	2008/2009	44.5069	-92.908	Clean Water Legacy Project
LOWER				Butler Creek	S004-804	Surface waters	Trans, DO, pH, TKN, NO3, TP, TSS, Turbidity, temperature and E. coli	No	2008/2009	44.4508	-92.9062	SWAG
LOWER	Unnamed tributary to Belle Creek	S004-805	Surface waters	Trans, DO, pH, TKN, NO3, TP, TSS, Turbidity, temperature and E. coli	No	2008/2009	44.4999	-92.7463	SWAG			
LOWER	Spring Creek	S004-806	Surface waters	Trans, DO, pH, TKN, NO3, TP, TSS, Turbidity, temperature and E. coli	No	2008/2009	44.5537	-92.6122	SWAG			
LOWER	MPCA	Tiffany Schauls	(507)206-2619	Straight River at CSAH 1	S000-047	Surface waters	E. Coli, Temperature, pH, Knox, TKN, Transparency, FC, BOD, Chlorophyll-a-a, DO, Pheophytin, TP, TSS and Turbidity	No	1955-1965, 1978-1977 and 1980-2009	44.1241	-93.229	Southeast Regional Fecal Study
MIDDLE	MPCA	Tiffany Schauls	(507)206-2619	Prairie Creek	S001-186	Surface waters	Transparency, E. coli, BOD, chlorophyll-a-a, TKN, Knox, pheophytin, TP, TSS< Turbidity, FC, Temperature and pH	No	1989-1994, 1997-1998 and 2007	44.5006	-92.9927	Southeast Regional Fecal Study
LOWER	MPCA	Tiffany Schauls	(507)206-2619	Cannon River	S000-003	Surface waters	BOD, Chlorophyll-a-a, TKN, pheophytin, TP, TSS, Turbidity, FC, DO, Temperature, NOx and pH	Yes	1989-2007, possibly in 2010	44.567	-92.7376	Southeast Regional Fecal Study
LOWER	MPCA	?		Trout Brook	04LM144	Surface waters	Temperature, Conductivity, turbidity, D.O., pH, Knox, TP, TSS, Ammonia, Fish and Invertebrate IBI	Yes	2X in 2004	44.5657	-92.8329	Biological Criteria Development
LOWER	MPCA	?		Pine Creek	04LM004	Surface waters	Temperature, Conductivity, Turbidity, D.O., pH, Knox, TP, TSS, Ammonia-N and Fish IBI	Yes	2004	44.5464	-92.9022	Environmental Monitoring and Assessment Program (EMAP)
LOWER	MPCA	?		Pine Creek	07LM018	Surface waters	Temperature, Conductivity, Turbidity, D.O., pH, Knox, TP, TSS, Ammonia-N and Fish IBI	Yes	2007	44.5413	-92.8959	Environmental Monitoring and Assessment Program (EMAP)
LOWER	MPCA			Belle Creek	04LM90	Surface waters	Fish and Macroinvertebrate IBI, conductivity, D.O., Turbidity, TP, TSS and Ammonia	Yes	2004	44.5038	-92.749	Biological Criteria Development
LOWER	USGS	James Fallon	(763)783-3255	Cannon R	S000-003	Surface waters	Field measurements are still being collected	Yes	1961-1997	44.567	-92.7376	not really doing any work on the Cannon River

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STRAIGHT	USGS	James Fallon	(763)783-3255	Straight River	S003-557	Surface waters	Field measurements are still being collected	Yes	1969-2009	44.1529	-93.1351	not really doing any work on the Cannon River
LOWER	MN DNR	Kevin Stauffer and Randy Binder	(651)345-3365 ext 232	Lower Cannon River	Station #1 mile 4.2-5.2	(River) Surface waters	2008 Fish IBI survey	No	2008 Fish survey	44.5774	-92.6138	Fish assemblage assessment
LOWER	MN DNR	Kevin Stauffer and Randy Binder	(651)345-3365 ext 232	Lower Cannon River	Station #2 mile 9-10)	(River) Surface waters	2008 Fish IBI survey	No	2008 Fish survey	44.5633	-92.6805	Fish assemblage assessment
LOWER	MN DNR	Kevin Stauffer and Randy Binder	(651)345-3365 ext 232	Lower Cannon River	Station #3 mile 16-17)	(River) Surface waters	2008 Fish IBI survey	No	2008 Fish survey	44.543	-92.7704	Fish assemblage assessment
LOWER	MN DNR	Kevin Stauffer and Randy Binder	(651)345-3365 ext 232	Lower Cannon River	Station #4 mile 21.5-22.5)	(River) Surface waters	2008 Fish IBI survey	No	2008 Fish survey	44.5254	-92.8496	Fish assemblage assessment
LOWER	MN DNR	Kevin Stauffer and Randy Binder	(651)345-3365 ext 232	Lower Cannon River	Station #5 mile 24.2-25.2)	(River) Surface waters	2008 Fish IBI survey	No	2008 Fish survey	44.516	-92.9828	Fish assemblage assessment
LOWER	MN DNR	Melissa Kousti	(507) 467-2442	Trout Brook	99LM004	Surface waters	IBI	No	1999 Trout survey	44.5652	-92.8336	Site is a long-term monitoring location for the MN DNR
				Trout Brook	99LM001	Surface waters	IBI	No	1999 Trout survey	44.5454	-92.8064	Site is a long-term monitoring location for the MN DNR
				Trout Brook	99LM005	Surface waters	IBI	No	1999 Trout survey	44.5664	-92.8275	Site is a long-term monitoring location for the MN DNR
LOWER	MN DNR	Konrad Schmidt	(651) 602-8085	Pine Creek	99LM003	Surface waters	Fish IBI, temperature, conductivity, Turbidity, D.O. and pH	No	1999 Trout survey	44.5447	-92.901	Metro Surveys
LOWER	MN DNR	Konrad Schmidt	(651) 602-8085	Pine Creek	99LM002	Surface waters	Fish IBI, temperature, conductivity, Turbidity, D.O. and pH	No	1999 Trout survey	45	-93	Metro Surveys
LOWER	Met council	Leigh Harrod	(651)602-8085	Cannon River	Located on Mile #4	Surface waters	Conductivity, D.O., BOD, silica, TOC, Fecal coliform, chlorophyll-a, NOx, OP, TP, Ammonia-N, TKN, pH, turbidity, temperature, TSS, TDS, TSVS, Calcium, Magnesium, Chloride, Sulfate, Total Alkalinity, Na and inorganic ions	No	1996-2007	44.5728	-92.6307	Sampled at river mile #4
LOWER				Cannon River	S000-003	Surface waters	Precipitation, Turbidity, TSVS, TSS, DP, TP, Total NO3, TKN, Zinc, Nickel, Lead, Copper, Cadmium, Chromium, Hardness, Chloride and Macroinvertebrate IBI	Yes	2003, began 1999-2009	44.567	-92.7376	Sampled at river mile #11
LOWER	NCRWMO	Travis Bistodeau	(651)480-7783	Pine Creek	S002-530	Surface waters	gage height, DO, Temp, pH, Trans, TKN, NO3, Alkalinity, TP, DP, TSS, TVS, Turbidity, Conductivity and Fecal coliform	Yes- Flow is monitored on a four year cycle. Only even years	2006, 2010	44.5432	-92.9003	Rotate monitoring with Chub and Mud CRK
LOWER				Pine Creek	S004-258	Surface waters	gage height, DO, Temp, pH, Trans, TKN, NO3, Alkalinity, TP, DP, TSS, TVS, Turbidity, Conductivity and Fecal coliform	Yes- Flow is monitored on a four year cycle. Only even years	2006, 2010	44.5578	-92.934	Rotate monitoring with Chub and Mud CRK
LOWER				Trout Brook	S002-536	Surface waters	gage height, DO, Temp, pH, Trans, TKN, NO3, Alkalinity, TP, DP, TSS, TVS, Turbidity, Conductivity and Fecal coliform	Yes- Flow is monitored on a four year cycle. Only even years	2006, 2010	44.565	-92.8319	Rotate monitoring with Chub and Mud CRK
LOWER				Trout Brook	S002-537	Surface waters	gage height, DO, Temp, pH, Trans, TKN, NO3, Alkalinity, TP, DP, TSS, TVS, Turbidity, Conductivity and Fecal coliform	Yes- Flow is monitored on a four year cycle. Only even years	2006, 2010	44.5658	-92.8285	Rotate monitoring with Chub and Mud CRK
LOWER				Trout Brook	S001-936	Surface waters	gage height, DO, Temp, pH, Trans, TKN, NO3, Alkalinity, TP, DP, TSS, TVS, Turbidity, Conductivity and Fecal coliform	Yes- Flow is monitored on a four year cycle. Only even years	2006, 2010	44.5434	-92.8041	Rotate monitoring with Chub and Mud CRK
MIDDLE				Chub Creek	S001-671=NB47	Surface waters	gage height, DO, Temp, pH, Trans, TKN, NO3, Alkalinity, TP, DP, TSS, TVS, Turbidity, Conductivity and Fecal coliform <i>(Conducted every fourth year)</i>	Yes-flow and stage measurements annually	2008	44.5297	-93.0736	Rotate monitoring with Trout brook and Pine Creek
MIDDLE				Mud Creek	S001-347	Surface waters	Trans, DO, TKN, pH, TP, TSS, Temperature, Turbidity and E. coli	No	2008	44.5085	-93.1455	Rotate monitoring with Trout brook and Pine Creek

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MIDDLE	NCRWMO	Travis Bistodeau	(651) 480-7783	Chub and Mud Creek	6 monitoring sites (CHB23, CHB3, CHB47, CHBRP, MUD3 and *NB47)	Surface waters	Ammonia-N, N, TP, TSS, TSVS, Temperature, Turbidity and Fecal Coliform	Yes-at 6 locations for 1999-2000	1999-2001	44.5297(*)	-93.0736	2003 Watershed Management plan
LOWER	Citizen Stream Monitoring Program (CSMP)	Lucas Bistodeau	(507) 786-3912	Cannon River	S000-003	Surface waters	Chlorophyll-a, TP, NO3 and TKN	Yes, USGS gauging station	2009-2010	44.567	-92.7376	CRWP, SWAG II project
MIDDLE				Cannon River	S000-543	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.3103	-93.2706	CRWP, SWAG II project
MIDDLE				Wolf Creek	S001-397	Surface waters	Chlorophyll-a, TP, NO3, pH, D.O. and TKN	No	2009-2010	44.4104	-93.221	CRWP, SWAG II project
MIDDLE				Wolf Creek	S005-492	Surface waters	Chlorophyll-a, TP, NO3, pH, D.O. and TKN	No	2009-2010	44.4138	-93.282	CRWP, SWAG II project
LOWER				Little Cannon River	S001-436	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.3705	-92.9297	CRWP, SWAG II project
MIDDLE				Cannon River	S001-762	Surface waters	Chlorophyll-a, TP, NO3, pH, D.O. and TKN	No	2009-2010	44.4551	-93.1626	CRWP, SWAG II project
MIDDLE				Spring Creek	S004-917	Surface waters	Chlorophyll-a, TP, NO3, pH, D.O. and TKN	No	2009-2010	44.464	-93.154	CRWP, SWAG II project
LOWER				Cannon River	S001-766	Surface waters	Chlorophyll-a, TP, NO3, pH, D.O. and TKN	No	2009-2010	44.5826	-92.6444	CRWP, SWAG II project
UPPER				Cannon River	S001-783	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.3028	-93.2895	CRWP, SWAG II project
LOWER				Little Cannon River	S001-939	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.497	-92.9259	CRWP, SWAG II project
LOWER				Belle Creek	S002-532	Surface waters	Chlorophyll-a, TP, NO3, pH, D.O. and TKN	No	2009-2010	44.5471	-92.7257	CRWP, SWAG II project
MIDDLE				Cannon River	S000-038	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.3596	-93.2567	CRWP, SWAG II project
STRAIGHT				Crocker's Creek	S004-843	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.2983	-93.2913	CRWP, SWAG II project
MIDDLE				Falls Creek	S004-846	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.2929	-93.2355	CRWP, SWAG II project
MIDDLE				N. Grove Church Creek	S004-849	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.349	-93.257	CRWP, SWAG II project
MIDDLE				Spring Creek	S003-554	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.4472	-93.1386	CRWP, SWAG II project
LOWER				Prairie Creek	S001-785	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.5004	-92.9926	CRWP, SWAG II project
LOWER				Tributary to Prairie Creek	S001-275	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.4285	-93.0541	CRWP, SWAG II project
MIDDLE				Cannon River	S001-582	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.4874	-93.1286	CRWP, SWAG II project
MIDDLE				Cannon River	S001-396	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.4303	-93.2049	CRWP, SWAG II project
LOWER				Tributary to Prairie Creek	S001-244	Surface waters	Chlorophyll-a, TP, NO3 and TKN	No	2009-2010	44.3886	-93.0783	CRWP, SWAG II project
STRAIGHT				Straight River	S004-711	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH and D.O.	No	2009-2010	44.0934	-93.2289	CRWP, SWAG II project
UPPER				Devil's Creek	S004-845	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.2541	-93.4682	CRWP, SWAG II project
UPPER				Lake Dora Creek	S004-847	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.3744	-93.5651	CRWP, SWAG II project
UPPER				Mackenzie Creek	S004-848	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.2402	-93.3496	CRWP, SWAG II project
UPPER				Whitewater Creek	S004-877	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.2124	-93.5708	CRWP, SWAG II project
UPPER				Waterville Creek	S001-586	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.2061	-93.5615	CRWP, SWAG II project
UPPER				Riverside Cemetery Creek	S004-878	Surface waters	Chlorophyll-a, TKN, NO3, TP, pH, D.O. and E. coli	No	E. coli only in 2009,2010	44.2253	-93.4365	CRWP, SWAG II project
LOWER				Little Cannon	S005-496	Surface waters	TKN, TP, NO3, Chlorophyll-a-a, Trans, temp	No	2009-2010	44.3509	-92.9485	CRWP, SWAG II project
LOWER				Little Cannon	S005-497	Surface waters	TKN, TP, NO3, Chlorophyll-a-a, Trans, temp	No	2009-2010	44.3418	-92.9799	CRWP, SWAG II project
LOWER	Belle Creek	S004-388	Surface waters	TKN, TP, NO3, Chlorophyll-a-a, Trans, temp	No	2009-2010	44.4011	-92.7632	CRWP, SWAG II project			
MIDDLE	Heath Creek	S004-389	Surface waters	TKN, TP, NO3, Chlorophyll-a-a, temp, D.O., and pH	No	2009-2010	44.4533	-93.1985	CRWP, SWAG II project			

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UPPER				Roemhild's lake	40-0039	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2008-2010	44.2542	-93.7212	CRWP, SWAG II project
UPPER	CRWP, LeSueur County and MPCA	Lucas Bistodeau	507 786-3912	Cannon River @ County Rd 3	S004-447	Surface waters	Stage height, flow, TSS, TP, OP, NO3, BOD, Turbidity, TKN, transparency and E. coli	Yes-MPCA	2007-2009	44.3368	-93.5762	Upper Cannon Assessment Project
UPPER				Cannon River @ 450th st.	S004-448	Surface waters	Stage height, flow, TSS, TP, OP, NO3, BOD, Turbidity, TKN, transparency and E. coli	Yes-MPCA	2007-2009	44.2974	-93.6291	Upper Cannon Assessment Project
UPPER				Cannon River near Waterville on County 12	S002-465	Surface waters	Stage height, flow, TSS, TP, OP, NO3, BOD, Turbidity, TKN, transparency and E. coli	Yes-MPCA	2007-2009	44.2413	-93.6289	Upper Cannon Assessment Project
UPPER				Waterville Creek in Waterville, MN	S004-449	Surface waters	Stage height, flow, TSS, TP, OP, NO3, BOD, Turbidity, TKN, transparency and E. coli	Yes-MPCA	2007-2009	44.2168	-93.5666	Upper Cannon Assessment Project
UPPER				Cannon River in Morristown, MN	S003-487	Surface waters	Stage height, flow, TSS, TP, OP, NO3, BOD, Turbidity, TKN, transparency and E. coli	Yes-MPCA	2007-2009	44.2284	-93.4489	Upper Cannon Assessment Project
UPPER				Gorman Lake	40-0032	Surface waters-Lake	TP, Chlorophyll-a and Secchi depths	No	2007-2009	44.3417	-93.6669	Upper Cannon Assessment Project
UPPER				Rice Lake	66-0048	Surface waters-Lake	TP, Chlorophyll-a and Secchi depths	No	2007-2009	44.3299	-93.4839	Upper Cannon Assessment Project
UPPER				Sabre Lake	40-0014	Surface waters-Lake	TP, Chlorophyll-a and Secchi depths	No	2007-2009	44.3052	-93.6342	Upper Cannon Assessment Project
UPPER				Shields Lake	66-0055	Surface waters-Lake	TP, Chlorophyll-a and Secchi depths	No	2007-2009	44.375	-93.4378	Upper Cannon Assessment Project
UPPER				Lower Sakatah	66-0044	Surface waters-Lake	TP, Chlorophyll-a and Secchi depths	No	2007-2009	44.2358	-93.5055	Upper Cannon Assessment Project
UPPER				Upper Sakatah	40-0002	Surface waters-Lake	TP, Chlorophyll-a and Secchi depths	No	2007-2009	44.2292	-93.5308	Upper Cannon Assessment Project
UPPER				Tetonka Lake	40-0031	Surface waters-Lake	TP, Chlorophyll-a and Secchi depths	No	2007-2009	44.2292	-93.5961	Upper Cannon Assessment Project
UPPER	Citizen Stream Monitoring Program (CSMP)	Lucas Bistodeau, CRWP	(507) 786-3912	Tustin Lake	40-0061	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.2075	-93.6613	CRWP, SWAG I
UPPER				Lake Dora	40-0010	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3545	-93.5827	CRWP, SWAG I
UPPER				Rays Lake	40-0056	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.213	-93.6774	CRWP, SWAG I
UPPER				Fish Lake	40-0051	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.2289	-93.6641	CRWP, SWAG I
UPPER				Sunfish Lake	40-0009	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.2833	-93.5753	CRWP, SWAG I
UPPER				Diamond Lake	40-0013	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3208	-93.5781	CRWP, SWAG I
UPPER				Mabel Lake	40-0011	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3603	-93.6152	CRWP, SWAG I
UPPER				Horseshoe Lake	40-0001	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.2583	-93.5253	CRWP, SWAG I
UPPER				Cedar Lake	66-0052	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.2917	-93.4169	CRWP, SWAG I
UPPER				Caron Lake	66-0050	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3037	-93.4717	CRWP, SWAG I
UPPER				French Lake	66-0038	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3333	-93.3961	CRWP, SWAG I
UPPER				Fox Lake	66-0029	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3931	-93.3239	CRWP, SWAG I
UPPER				Wells Lake	66-0010	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.2878	-93.3427	CRWP, SWAG I
UPPER				Dudley Lake	66-0014	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3542	-93.3544	CRWP, SWAG I

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UPPER				Kelly Lake	66-0015	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3542	-93.3711	CRWP, SWAG I
UPPER				Hunt Lake	66-0047	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.3333	-93.4586	CRWP, SWAG I
STRAIGHT				Loon Lake	81-0015	Surface waters-Lake	TP, Chlorophyll-a and secchi measurements	No	2007-2008	44.0814	-93.5189	CRWP, SWAG I
MIDDLE				Rice Creek	S001-446	Surface waters-Lake	Transparency, NO3, TP, TSS, Temp and E. coli	No	2007-2008	44.4409	-93.2314	CRWP, SWAG I
MIDDLE				Rice Creek	S001-445	Surface waters-Lake	Transparency, TP, TSS, Temp and E. coli	No	2007-2008	44.4446	-93.1916	CRWP, SWAG I
UPPER				Cannon River: Cannon Lake to Northfield	S001-783	Surface Waters	E. Coli bacteria only	No	2007-2008	44.3028	-93.2895	CRWP, SWAG I
MIDDLE				Cannon River: Cannon Lake to Northfield	S000-543	Surface Waters	E. Coli bacteria only	No	2007-2008	44.3103	-93.2706	CRWP, SWAG I
MIDDLE				Cannon River: Cannon Lake to Northfield	S000-038	Surface Waters	E. Coli bacteria only	No	2007-2008	44.3596	-93.2567	CRWP, SWAG I
MIDDLE				Cannon River: Cannon Lake to Northfield	S001-782	Surface Waters	E. Coli bacteria only	No	2007-2008	44.4276	-93.2075	CRWP, SWAG I
MIDDLE				Cannon River: Cannon Lake to Northfield	S001-762	Surface Waters	E. Coli bacteria only	No	2007-2008	44.4551	-93.1626	CRWP, SWAG I
LOWER				Cannon River (Belle Creek to Vermillion Slough)	S001-766	Surface Waters	E. Coli bacteria only	No	2007-2008	44.5826	-92.6444	CRWP, SWAG I
LOWER				Belle Creek	S004-388	Surface Waters	E. Coli bacteria only	No	2007-2008	44.4011	-92.7632	CRWP, SWAG I
LOWER				Belle Creek	S002-532	Surface Waters	E. Coli bacteria only	No	2007-2008	44.5471	-92.7257	CRWP, SWAG I
LOWER				Little Cannon (Goodhue Co)	S001-436	Surface Waters	Transparency and Temperature E. coli only in 2008	No	2007-2008	44.3705	-92.9267	CRWP, SWAG I
LOWER				Little Cannon (Goodhue Co)	S001-939	Surface Waters	Transparency and E. Coli bacteria	No	2007-2008	44.497	-92.9259	CRWP, SWAG I
MIDDLE				Heath Creek	S001-935	Surface Waters	E. Coli bacteria only	No	2007-2008	44.4531	-93.3072	CRWP, SWAG I
MIDDLE				Heath Creek	S004-389	Surface Waters	E. Coli bacteria only	No	2007-2008	44.4533	-93.1985	CRWP, SWAG I
MIDDLE				Cannon River	S001-396	Surface Waters	E. Coli bacteria only	No	2008 only	44.4303	-93.2049	CRWP, SWAG I
MIDDLE				Cannon River	S001-582	Surface Waters	E. Coli bacteria only	No	2008 only	44.4874	-93.1286	CRWP, SWAG I
UPPER				Waterville Creek	S001-586	Surface Waters	E. Coli bacteria only	No	2008 only	44.2061	-93.5615	CRWP, SWAG I
MIDDLE				Cannon River	S001-934	Surface Waters	E. Coli bacteria only	No	2008 only	44.3099	-93.2705	CRWP, SWAG I
STRAIGHT				Crane Creek	S003-009	Surface Waters	E. Coli bacteria only	No	2008 only	44.1471	-93.2558	CRWP, SWAG I
STRAIGHT				Straight River	S003-015	Surface Waters	E. Coli bacteria only	No	2008 only	44.0516	-93.2523	CRWP, SWAG I
UPPER				Cannon River	S003-487	Surface Waters	E. Coli bacteria only	No	2008 only	44.2284	-93.4489	CRWP, SWAG I
STRAIGHT				Straight River	S004-711	Surface Waters	Transparency, Temp and D.O.	No	2007-2008	44.0934	-93.2289	CRWP, SWAG I
STRAIGHT				Crocker Creek	S004-843	Surface Waters	Transparency, temp and E. coli	No	2008 only	44.2983	-93.2913	CRWP, SWAG I
LOWER				Cannon River	S004-844	Surface Waters	Transparency, D.O. and Temperature	No	2008 only	44.5137	-92.9043	CRWP, SWAG I
UPPER				Devil's Creek	S004-845	Surface Waters	Transparency, Temperature and E. coli	No	2008 only	44.2541	-93.4682	CRWP, SWAG I
MIDDLE				Fall's Creek	S004-846	Surface Waters	Transparency, Temperature and E. coli	No	2008 only	44.2929	-93.2355	CRWP, SWAG I
UPPER				Lake Dora Creek	S004-847	Surface Waters	Transparency, Temperature and E. coli	No	2008 only	44.3744	-93.5651	CRWP, SWAG I
LOWER	Bylesby Reservoir Phosphorus TMDL	Justin Watkins, MPCA	(507) 206-2621	Bylesby Reservoir	S001-783	Surface Waters	Phosphorus, TSS, chlorophyll-a, stream turbidity and transparency 1996-TP, chlorophyll-a, secchi, D.O., temperature, TKN, nitrate/nitrite N, TSS and phytoplankton species distribution	Yes	2001-2004 and 2007-2008	44.3028	-93.2895	319 grant funding
LOWER				Bylesby Reservoir	S001-582	Surface Waters	Phosphorus, TSS, chlorophyll-a, stream turbidity and transparency 1996-TP, chlorophyll-a, secchi, D.O., temperature, TKN, nitrate/nitrite N, TSS and phytoplankton species distribution	Yes	2001-2004 and 2007-2008	44.4874	-93.1286	319 grant funding

## Water Monitoring Work in the Cannon River Watershed Through 2010

Watershed Lobe	Agency/Organization	Project Contact person	Telephone	Sample location	Station ID#	Type of Monitoring	Various WQ Parameters collected	Stream Flow measurements?	Timeline	GPS coordinates (Lat)	GPS coordinates (Long)	Comments
LOWER				Bylesby Reservoir	S001-784	Surface Waters	Phosphorus, TSS, chlorophyll-a, stream turbidity and transparency 1996-TP, chlorophyll-a, secchi, D.O., temperature, TKN, nitrate/nitrite N, TSS and phytoplankton species distribution	Yes	2001-2004 and 2007-2008	44.5169	-92.9122	319 grant funding
LOWER				Bylesby Reservoir	S001-581	Surface Waters	Phosphorus, TSS, chlorophyll-a, stream turbidity and transparency 1996-TP, chlorophyll-a, secchi, D.O., temperature, TKN, nitrate/nitrite N, TSS and phytoplankton species distribution	Yes	2001-2004 and 2007-2008	44.2924	-93.2647	319 grant funding
LOWER				Bylesby Reservoir	S001-785	Surface Waters	Phosphorus, TSS, chlorophyll-a, stream turbidity and transparency 1996-TP, chlorophyll-a, secchi, D.O., temperature, TKN, nitrate/nitrite N, TSS and phytoplankton species distribution	Yes	2001-2004 and 2007-2008	44.5004	-92.9926	319 grant funding
LOWER				Bylesby Reservoir	S001-786	Surface Waters	Phosphorus, TSS, chlorophyll-a, stream turbidity and transparency 1996-TP, chlorophyll-a, secchi, D.O., temperature, TKN, nitrate/nitrite N, TSS and phytoplankton species distribution	Yes	2001-2004 and 2007-2008	44.5233	-93.0299	319 grant funding
UPPER	Upper Cannon Lakes assessment	Lauren Klement, Lesueur Cty.	(507) 357-8540	Inlet locations on both lakes	S005-020	Surface Waters	TKN, Knox, TP, TSS, E. coli, temperature and transparency	No	2007-2008	44.3057	-93.6023	Gorman-Sabre Lake Assessment grant
UPPER				Inlet locations on both lakes	S005-019	Surface Waters	TKN, Knox, TP, TSS, E. coli, temperature and transparency	No	2007-2008	44.3119	-93.6392	Gorman-Sabre Lake Assessment grant
UPPER	Jefferson German Volney TMDL	Shaina Keseley, MPCA	(507) 206-2622	Lake Volney	S004-138	Surface waters-Lakes	Transparency, D.O., Knox, TP, TSS, Temperature, E. coli, Turbidity and pH	Yes	2009-2011	44.375	-93.6225	319 grant funding, TMDL
UPPER				Lake Volney	S004-139	Surface waters-Lakes	Transparency, D.O., Knox, TP, TSS, Temperature, E. coli, Turbidity and pH	Yes	2009-2011	44.375	-93.6225	319 grant funding, TMDL
UPPER				Lake Volney	S001-034	Surface waters-Lakes	Transparency, D.O., Knox, TP, TSS, Temperature, E. coli, Turbidity and pH	Yes	2009-2011	44.3711	-93.6333	319 grant funding, TMDL
UPPER				Lake Volney	S001-092	Surface waters-Lakes	Transparency, D.O., Knox, TP, TSS, Temperature, E. coli, Turbidity and pH	Yes	2009-2011	44.3642	-93.6381	319 grant funding, TMDL
UPPER				Lake Volney	S004-136	Surface waters-Lakes	Transparency, D.O., Knox, TP, TSS, Temperature, E. coli, Turbidity and pH	Yes	2009-2011	44.367	-93.6508	319 grant funding, TMDL
UPPER				Lake Volney	S004-140	Surface waters-Lakes	Transparency, D.O., Knox, TP, TSS, Temperature, E. coli, Turbidity and pH	Yes	2009-2011	44.3698	-93.6499	319 grant funding, TMDL
UPPER				Lake Volney	S001-036	Surface waters-Lakes	Transparency, D.O., Knox, TP, TSS, Temperature, E. coli, Turbidity and pH	Yes	2009-2011	44.3721	-93.6444	319 grant funding, TMDL
UPPER				Lake Jefferson	S004-158	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, Temperature, E. Coli and Fecal Coliform	Yes	2009-2011	44.2692	-93.8138	319 grant funding, TMDL
UPPER				Lake Jefferson	S004-157	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, Temperature, E. Coli and Fecal Coliform	Yes	2009-2011	44.2872	-93.7984	319 grant funding, TMDL
UPPER				Lake Jefferson	S005-439	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, Temperature, E. Coli and Fecal Coliform	Yes	2009-2011	44.289	-93.7981	319 grant funding, TMDL
UPPER				Lake Jefferson	S004-155	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, Temperature, E. Coli and Fecal Coliform	Yes	2009-2011	44.254	-93.7884	319 grant funding, TMDL
UPPER				Lake Jefferson	S005-438	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, Temperature, E. Coli and Fecal Coliform	Yes	2009-2011	44.2541	-93.7639	319 grant funding, TMDL
UPPER				Lake Jefferson	S004-156	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, Temperature, E. Coli and Fecal Coliform	Yes	2009-2011	44.2584	-93.7573	319 grant funding, TMDL
UPPER				German Lake	S004-154	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, and Temperature	Yes	2009-2011	44.2637	-93.7347	319 grant funding, TMDL
UPPER				German Lake	S005-440	Surface waters-Lakes	Transparency, D.O., Knox, pH, TP, TSS, and Temperature	Yes	2009-2011	44.2792	-93.7119	319 grant funding, TMDL
STRAIGHT	CRWP and MPCA, MN DNR	Justin Watkins	(507) 206-2621	Straight River Turbidity TMDL	S003-557	Surface waters	Trans, Turbidity, TSS, Appearance, RS, and stage height	Yes-USGS gauging station	2009-2011	44.2578	-93.2313	319 grant funding
				Straight River Turbidity TMDL	S001-581	Surface waters	Transparency, Turbidity, TSS, Appearance, RS. And gage height	No	2009-2011	44.2924	-93.2647	319 grant funding
				Straight River Turbidity TMDL	S003-009	Surface waters	Transparency, Turbidity, TSS, Appearance, RS. And gage height	Yes-MPCA	2009-2011	44.1471	-93.2558	319 grant funding

## Water Monitoring Work in the Cannon River Watershed Through 2010

Watershed Lobe	Agency/Organization	Project Contact person	Telephone	Sample location	Station ID#	Type of Monitoring	Various WQ Parameters collected	Stream Flow measurements?	Timeline	GPS coordinates (Lat)	GPS coordinates (Long)	Comments
				Straight River Turbidity TMDL	S003-628	Surface waters	Transparency, Turbidity, TSS, Appearance, RS, And gage height	Yes-MPCA	2009-2011	44.0328	-93.2463	319 grant funding
LOWER	MN DNR	Rob Burdis	(651) 345-3365	Cannon River	LTRMP site VM00.1M, at confluence with Mississippi R.	Surface waters	TSS, Temp, DO, PH, Conductivity, P, Nitrogen, etc.		April - August biweekly, Sept -Nov, Jan, Mar Monthly			Part of Upper Midwest Environmental Sciences Center/USGS work
MIDDLE	Wastewater plants	Neil Jenson	(507) 744-2327	Lonsdale WWTF (Rice Co.)	MN0031241	Point source monitoring	Flow, BOD, D.O., TSS, pH, and fecal coliform	Monthly measurements as required by permit requirements	1998-2004	44.4763	-93.4195	NPDES
STRAIGHT	Wastewater plants	Henry Morgan	(507) 334-2222	Faribault WWTF (Rice Co.)	MN0030121	Point source monitoring	BOD, Chlorine, Fecal coliform, Total Ammonia-N, D.O., TP, TSS and pH	Monthly measurements as required by permit requirements	2000-2006	44.3085	-93.2664	NPDES
STRAIGHT	Wastewater plants	Henry Morgan	(507) 334-2222	Faribault WWTF (Rice Co.) new location	MN0030121	Point source monitoring	BOD, Chlorine, Fecal coliform, Total Hg, Total ammonia-N, D.O., TP, TSS and pH.	Monthly measurements as required by permit requirements	2003-2009	44.3091	-93.2833	NPDES
LOWER	Wastewater plants	David Nash	(507) 645-9789	Dennison WWTF (Rice Co.)	MN0022195	Point source monitoring	Flow, BOD, fecal coliform, D.O., TP, TSS and pH	Monthly measurements as required by permit requirements	1998-2009	44.4071	-93.0502	NPDES
STRAIGHT	Wastewater plants	Doug Flugum	(507) 684-2681	Ellendale WWTF (Steele Co.)	MN0041564	Point source monitoring	BOD, fecal coliform, flow, D.O., pH, TP and TSS	Monthly measurements as required by permit requirements	1998-2009	44.9028	-93.3058	NPDES
STRAIGHT	Wastewater plants	Loyal Merritt	(507) 455-2866	Medford WWTF (Steele Co.)	MN0024112	Point source monitoring	BOD, chlorine, Fecal coliform, D.O., TSS and pH	Monthly measurements as required by permit	1999-2009	44.1778	-93.2481	NPDES
STRAIGHT	Wastewater plants	Tom Kuntz	(507) 451-4541	Owatonna WWTF (Steele Co.)	MN0051284	Point source monitoring	BOD, Total cadmium, Total chlorine, Hexavalent chromium, total chromium, total copper, total cyanide, fecal coliform, total lead, total NH3-N, D.O., OP, TP, TSS, total zinc, pH and total Hg	Monthly measurements as required by permit requirements	1999-2009	44.0965	-93.2292	NPDES
STRAIGHT	Wastewater plants	David Morrisette	651-296-5760	MnDOT Rest stop (Steele Co.)	MN0049514	Point source monitoring	BOD, Fecal coliform, flow, D.O., TSS, pH and TP	Monthly measurements as required by permit requirements	1999-2009	43.9883	-93.2509	NPDES
UPPER	Wastewater plants	Jeff Baldwin	N/A	Kilkenny WWTF (Lesueur Co.)	MN0064734	Point source monitoring	BOD, fecal coliform, flow, D.O., pH, TP and TSS	Monthly measurements as required by permit requirements	2005-2010	44.3227	-93.5751	NPDES
UPPER	Wastewater plants	N/A	N/A	Sakatah State Park (Lesueur Co.)	MN0033774	Point source monitoring	N/A	Monthly measurements as required by permit requirements	1999-2004	44.2182	-93.5406	NPDES
UPPER	Wastewater plants	Clinton Peach	507-362-8300	Waterville WWTF (Lesueur Co.)	MN0025208	Point source monitoring	BOD, chlorine, fecal coliform, D.O., TP, TSS, pH and total Hg	Monthly measurements as required by permit requirements	1999-2009	44.2182	-93.5536	NPDES
STRAIGHT	Wastewater plants	Roy SRP	507-835-2833	Waseca WWTF (Waseca co.)	MN0020796	Point source monitoring	BOD, total cadmium, total chlorine, fecal coliform, total NH3-N, D.O., TSS, pH, total copper, total Hg, total lead and TP	Monthly measurements as required by permit requirements	1998-2009	44.0285	-93.5803	NPDES
LOWER	Wastewater plants	Jeff Schneider	(763) 385-3672	Red Wing WWTF (Goodhue Co.)	MN0024571	Point source monitoring	BOD, chlorine, fecal coliform, total Hg, total NH3-N, D.O., TP, TSS and pH	Monthly measurements as required by permit requirements	1999-2009	44.5717	-92.5279	NPDES
UPPER	Wastewater plants			Morristown WWTF (Rice Co.)	MN0025895	Point source monitoring	N/A	Monthly measurements as required by permit requirements	N/A	44.2276	-93.4358	NPDES
LOWER	Wastewater plants	Lynn Berg	(507) 263-3964	Cannon Falls WWTF (Goodhue Co.)	MN0022993	Point source monitoring	BOD, total chlorine, fecal coliform, D.O., TSS, total zinc, pH, total nickel and TP	Monthly measurements as required by permit requirements	1998-2009	44.5177	-92.9912	NPDES
MIDDLE	Wastewater plants	Keith Covey	507-645-3052	Northfield WWTF (Rice Co)	MN0024368	Point source monitoring	BOD, total copper, fecal coliform, total Hg, total NH3-N, D.O., pH, TP and TSS	Monthly measurements as required by permit requirements	1999-2009	44.4765	-93.1474	NPDES