

Project Summary

March 03, 2009 12:28:21

MNPCA1 Minnesota Pollution Control Agency

Project 3MGRVSF 3M Cottage Grove Superfund

Start Date 03/16/2005 **Planned Duration** On-going

Purpose Determination of PFC contamination. Weston Labs provided data.

Assigned Stations

Station ID	Station Name
25-0001	PEPIN
LD00022	Cottage Grove B10201
LD00023	Cottage Grove B11201
LD00024	Cottage Grove B1501-SB
LD00025	Cottage Grove B1502
LD00026	Cottage Grove B1601
LD00027	Cottage Grove B1602
LD00028	Cottage Grove B2201
LD00029	Cottage Grove B2501
LD00030	Cottage Grove B2601
LD00031	Cottage Grove B6801
LD00032	Cottage Grove B801
LD00033	Cottage Grove BKG01-SB
LD00034	Cottage Grove BKG01-SS
LD00035	Cottage Grove BKG02
LD00036	Cottage Grove D101-SB
LD00037	Cottage Grove D101-SS
LD00038	Cottage Grove D102
LD00039	Cottage Grove D103
LD00040	Cottage Grove D104
LD00041	Cottage Grove D201-SB
LD00042	Cottage Grove D201-SS
LD00043	Cottage Grove D202-SB
LD00044	Cottage Grove D202-SS
LD00045	Cottage Grove D203
LD00046	Cottage Grove D501-SB
LD00047	Cottage Grove D501-SS
LD00048	Cottage Grove D502
LD00049	Cottage Grove D503
LD00050	Cottage Grove D5B01
LD00051	Cottage Grove D5B02
LD00052	Cottage Grove D5B03
LD00053	Cottage Grove D5B04
LD00054	Cottage Grove D5B05
LD00055	Cottage Grove D5B06
LD00056	Cottage Grove D601
LD00057	Cottage Grove D801
LD00058	Cottage Grove D9B01
LD00059	Cottage Grove D9B02
LD00060	Cottage Grove D9B03

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Station ID	Station Name
LD00061	Cottage Grove D9B04
LD00062	Cottage Grove FTA01-SB
LD00063	Cottage Grove FTA01-SS
LD00064	Cottage Grove FTA02-SB
LD00065	Cottage Grove FTA02-SS
LD00066	Cottage Grove FTA03
LD00067	Cottage Grove FTA04
LD00068	Cottage Grove FTA05
LD00069	Cottage Grove FTA06
LD00070	Cottage Grove FTA07
LD00071	Cottage Grove FTA08
LD00072	Cottage Grove FTA09
LD00073	Cottage Grove IC01
LD00074	Cottage Grove IC02
LD00075	Cottage Grove IC03
LD00076	Cottage Grove IC04
LD00084	Cottage Grove WPA01
LD00141	Woodbury MW103
LD00142	Woodbury MW104
LD00143	Woodbury MW105
LD00144	Woodbury MW106
LD00145	Woodbury MW107
LD00146	Woodbury MW108
LD00147	Woodbury MW109
S005-147	CLOQUET R AT CR-694, .5 MI SE OF BURNETT
S005-148	Cottage Grove WU01: West Cove (Unnamed Ck at Mississippi R)
S005-149	Cottage Grove WC08: West Cove (Unnamed Ck at Mississippi R)
S005-150	Cottage Grove WC07: West Cove (Unnamed Ck at Mississippi R)
S005-151	Cottage Grove WC06: West Cove (Unnamed Ck at Mississippi R)
S005-152	Cottage Grove WC05: West Cove (Unnamed Ck at Mississippi R)
S005-153	Cottage Grove WC04: West Cove (Unnamed Ck at Mississippi R)
S005-154	Cottage Grove WC03: West Cove (Unnamed Ck at Mississippi R)
S005-155	Cottage Grove WC02: West Cove (Unnamed Ck at Mississippi R)
S005-156	Cottage Grove WC01: West Cove (Unnamed Ck at Mississippi R)
S005-157	Cottage Grove MRXS03c: Mississippi River
S005-158	Cottage Grove MRXS03b: Mississippi River
S005-159	Cottage Grove MRXS03a: Mississippi River
S005-160	Cottage Grove MRXS02e: Mississippi River
S005-161	Cottage Grove MRXS02d: Mississippi River
S005-162	Cottage Grove MRXS02c: Mississippi River
S005-163	Cottage Grove MRXS02b: Mississippi River
S005-164	Cottage Grove MRXS02a: Mississippi River
S005-165	Cottage Grove MRXS01e: Mississippi River
S005-166	Cottage Grove MRXS01d: Mississippi River

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Station ID	Station Name
S005-167	Cottage Grove MRXS01c: Mississippi River
S005-168	Cottage Grove MRXS01b: Mississippi River
S005-169	Cottage Grove MRXS01a: Mississippi River
S005-170	Cottage Grove MRLS824: Mississippi River
S005-171	Cottage Grove MRLS821: Mississippi River
S005-172	Cottage Grove MRLS818: Mississippi River
S005-173	Cottage Grove MRLS815: Miss R below Lock and Dam No. 2
S005-174	Cottage Grove MRLS812: Miss R downstream of Hastings
S005-175	Cottage Grove MRLS809: Mississippi River
S005-176	Cottage Grove MRLS806: Mississippi River
S005-177	Cottage Grove MRLS803: Mississippi River Sturgeon Lake
S005-178	Cottage Grove MRLS800: Mississippi River
S005-179	Cottage Grove MRLS797: Miss R above Lock and Dam No. 3
S005-180	Cottage Grove MRLS794: Mississippi River at Trenton
S005-181	Cottage Grove MRLS791: Miss R downstream of Red Wing Bay
S005-182	Cottage Grove MRLS788: Miss R at to Baldwin Island, Red Wing
S005-183	Cottage Grove MRIW25: Mississippi River
S005-184	Cottage Grove MRIW24: Mississippi River
S005-185	Cottage Grove MRIW23: Mississippi River
S005-186	Cottage Grove MRIW22: Mississippi River
S005-187	Cottage Grove MRIW21: Mississippi River
S005-188	Cottage Grove MRIW20: Mississippi River
S005-189	Cottage Grove MRIW19f: Mississippi River
S005-190	Cottage Grove MRIW19e: Mississippi River
S005-191	Cottage Grove MRIW19d: Mississippi River
S005-192	Cottage Grove MRIW19c: Mississippi River
S005-193	Cottage Grove MRIW19b: Mississippi River
S005-194	Cottage Grove MRIW19a: Mississippi River
S005-195	Cottage Grove MRIW19: Mississippi River
S005-196	Cottage Grove MRIW18: Mississippi River
S005-197	Cottage Grove MRIW17: Mississippi River
S005-198	Cottage Grove MRIW16: Mississippi River
S005-199	Cottage Grove MRIW15: Mississippi River
S005-200	Cottage Grove MRIW14f: Mississippi River
S005-201	Cottage Grove MRIW14e: Mississippi River
S005-202	Cottage Grove MRIW14d: Mississippi River
S005-203	Cottage Grove MRIW14c: Mississippi River
S005-204	Cottage Grove MRIW14b: Mississippi River
S005-205	Cottage Grove MRIW14a: Mississippi River
S005-206	Cottage Grove MRIW14: Mississippi River
S005-207	Cottage Grove MRIW13: Mississippi River
S005-208	Cottage Grove MRIW12: Mississippi River
S005-209	Cottage Grove MRIW11: Mississippi River
S005-210	Cottage Grove MRIW10: Mississippi River

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Station ID	Station Name
S005-211	Cottage Grove MRIW09f: Mississippi River
S005-212	Cottage Grove MRIW09e: Mississippi River
S005-213	Cottage Grove MRIW09d: Mississippi River
S005-214	Cottage Grove MRIW09c: Mississippi River
S005-215	Cottage Grove MRIW09b: Mississippi River
S005-216	Cottage Grove MRIW09a: Mississippi River
S005-217	Cottage Grove MRIW09: Mississippi River
S005-218	Cottage Grove MRIW08: Mississippi River
S005-219	Cottage Grove MRIW07: Mississippi River
S005-220	Cottage Grove MRIW06: Mississippi River
S005-221	Cottage Grove MRIW05: Mississippi River
S005-222	Cottage Grove MRIW04: Mississippi River
S005-223	Cottage Grove MRIW03: Mississippi River
S005-224	Cottage Grove MRIW02: Mississippi River
S005-225	Cottage Grove MRIW01: Mississippi River
S005-226	Cottage Grove MR006: Mississippi River
S005-227	Cottage Grove MR005: Mississippi River
S005-228	Cottage Grove MR004: Mississippi River
S005-229	Cottage Grove MR003: Mississippi River
S005-230	Cottage Grove MR002: Mississippi River
S005-231	Cottage Grove MR001: Mississippi River
S005-232	Cottage Grove EU01: Unnamed Ck near 3M Waste Disposal Pond
S005-233	Cottage Grove ECD01/EC01/EC11: Unnamed Ck @ Miss River
S005-234	Cottage Grove EC10: Unnamed Creek @ Mississippi River
S005-235	Cottage Grove EC09: Unnamed Creek @ Mississippi River
S005-236	Cottage Grove EC08: Unnamed Creek @ Mississippi River
S005-237	Cottage Grove EC07: Unnamed Creek @ Mississippi River
S005-238	Cottage Grove EC06: Unnamed Creek @ Mississippi River
S005-239	Cottage Grove EC05: Unnamed Creek @ Mississippi River
S005-240	Cottage Grove EC04: Unnamed Creek @ Mississippi River
S005-241	Cottage Grove EC03: Unnamed Creek @ Mississippi River
S005-242	Cottage Grove EC02: Unnamed Creek @ Mississippi River
S005-243	Cottage Grove CGR5F: Mississippi River
S005-244	Cottage Grove CGR3F: Mississippi River

Project 3MCHEMSF 3M Chemolite Superfund PFC Sampling

Start Date 11/30/1985 **Planned Duration** On going

Purpose Determination of PFC contamination at 3M chemical manufacturing site, SR33.

Study Area 10746 Chemolite Road. The site is located near the intersection of US 10 & 61 and Chemolite Road. It is bounded on the south by the Mississippi River and on the north by US 61.

Project 3MOAKSF 3M Oakdale Dump Sites: PFC Sampling

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Start Date 11/01/1981 **Planned Duration** On going
Purpose Determination of PFC contamination at 3M dump site, SR55.
Study Area 6750 Hwy 5. TH 5 approximately 1 mile west of I 694. Bounded on the west by Granada Ave., on the east by Hadley Ave., on the north by 35th Street No. and on the south by 30th Street No. Three dumps are associated with this site: Abresch, Brockman, and Eberle. The dump sites were named after the property owners at the time the property was in use.

Project 3MWOODSF 3M Woodbury Superfund PFC Sampling

Start Date 12/08/1998 **Planned Duration** On going
Purpose Determination of PFC contamination at 3M solvent site, SR365.
Study Area N of Military & Woodbury Inter.

Assigned Stations

Station ID	Station Name
LD00085	Woodbury AE
LD00086	Woodbury AW
LD00087	Woodbury BE
LD00088	Woodbury BM
LD00089	Woodbury BW
LD00090	Woodbury CE
LD00091	Woodbury CW
LD00092	Woodbury DE
LD00093	Woodbury DM
LD00094	Woodbury DW
LD00095	Woodbury EE
LD00096	Woodbury EW
LD00097	Woodbury GPA01
LD00098	Woodbury GPA02
LD00099	Woodbury GPA03
LD00100	Woodbury GPA04
LD00101	Woodbury GPA05
LD00102	Woodbury GPB01
LD00103	Woodbury GPB02
LD00104	Woodbury GPC01
LD00105	Woodbury GPC02
LD00106	Woodbury GPD01
LD00107	Woodbury GPE01
LD00108	Woodbury GPF01
LD00109	Woodbury GPG01
LD00110	Woodbury GPH01
LD00111	Woodbury GPI01
LD00112	Woodbury GPI02
LD00113	Woodbury GPI03
LD00114	Woodbury GPJ01
LD00115	Woodbury MDAN7
LD00116	Woodbury MDAP10

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Station ID	Station Name
LD00117	Woodbury MDAP6
LD00118	Woodbury MDAQ11
LD00119	Woodbury MDAQ8
LD00120	Woodbury MDAQ9
LD00121	Woodbury MDAR11
LD00122	Woodbury MDAR12
LD00123	Woodbury MDAR7
LD00124	Woodbury MDAR8
LD00125	Woodbury MDAR9
LD00126	Woodbury MDAS10
LD00127	Woodbury MDAS11
LD00128	Woodbury MDAS13
LD00129	Woodbury MDAS8
LD00130	Woodbury MDAS9
LD00131	Woodbury MDAT10
LD00132	Woodbury MDBI15
LD00133	Woodbury MDEJ5
LD00134	Woodbury MDFF5
LD00135	Woodbury MDHH7
LD00136	Woodbury MDHI7
LD00137	Woodbury NEWA1
LD00138	Woodbury NEWA2
LD00139	Woodbury WN
LD00140	Woodbury WS

Project 3M_INDWW 3M Cottage Grove Industrial Wastewater Permit

Start Date 02/28/1992 **Planned Duration** Long-term

Document/Graphic E08-0196 Final Report (05052008 Example) Document/Graphic

Purpose This data is collected in accordance with the requirements of the Facility's NPDES/SDS permit. The project represents the permitted Facility, with the stations representing each of the permitted outfalls, which discharge to surface water.

Obtain Plan Julianne Rantala, Industrial Division, MPCA, 651.297.8332, julianne.rantala@pca.state.mn.us.

Assigned Stations

Station ID	Station Name
MN0001449-SD001	Process & Sanitary Effluent
MN0001449-SD002	Non-Contact Cooling Water

Project ACHMM Voyageurs National Park ACHMM Lake Survey

Start Date 06/01/2004 **Planned Duration** Two years

Document/Graphic Final Study Sampling Method Rainy and Namakan Lake Expeditio Document/Graphic

Purpose Condition monitoring (2004 and 2005) lead by Voyageurs National Park and the Academy of Hazardous Materials Managers (ACHMM).

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Project Design 0-2m integrated depth sampler (MPCA LAP protocol)

Field measurements include secchi depth, Hydrolab or YSI for dissolved oxygen, temperature, pH and conductivity.

Project used many labs.

Obtain Plan The below-mentioned plans are saved as an attached "Document/Graphic" to this project in STORET.

"2004 ACHMM Study Plan and Field Operations Guide," and
"2005 ACHMM Study Plan and Field Operations Guide."

A.K.A.:

"Rainy Lake Expedition - 2004: Spatial and Temporal Water Quality Characterization." Study Plan and Field Operations Guide. North Star Chapter CHMMunity Outreach, 2004.

"Namakan Expedition - 2005: Spatial Water Quality Characterization." Study Plan and Field Operations Guide. North Star Chapter CHMMunity Outreach, 2005.

Assigned Stations

Station ID	Station Name
69-0608	LITTLE VERMILION
69-0616	CRANE
69-0617	SAND POINT
69-0693	NAMAKAN
69-0694	RAINY
69-0845	KABETOGAMA

Project ACM ACM Aquatic Biology Class

Start Date 06/17/1980 **Planned Duration** 4 years

Purpose Condition

Project Design Sample Collection Methods:
Grab samples with bottle

Field Measurements:
Transparency-secchi disk; Color - Hach color wheel; Conductivity - Conductivity meter;
Alkalinity - gram titration; pH - dual-calibration probe.

Assigned Stations

Station ID	Station Name
38-0214	RABBIT
38-0645	BASSWOOD (WHOLE LK)
38-0725	INDIANA
38-0726	GOOD
38-0741	PICKEREL
38-0785	TIN CAN MIKE
38-0786	SANDPIT
38-0792	HORSE
38-0796	MAINGAN
38-0797	PAKWENE
38-0798	GYPO

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Station ID	Station Name
38-0809	CHIPPEWA
38-0812	RANGE
38-0813	FOURTOWN
38-0814	NIKI
38-0815	BULLET
38-0816	MOOSECAMP
38-0817	CROOKED
69-0062	HOBO
69-0063	BASS
69-0064	DRY
69-0069	SHAGAWA
69-0070	LOW
69-0071	HIGH
69-0078	MUDRO
69-0082	GRASSY
69-0083	TEE
69-0084	SLETTEN
69-0085	FENSKE
69-0086	LITTLE SLETTEN
69-0088	WAGOSH
69-0092	GULL
69-0093	GUN
69-0094	FAIRY
69-0100	BOOT
69-0118	BURNTSIDE
69-0329	MEANDER
69-0340	NINA MOOSE
69-0341	LAMB
69-0868	BOOT (I. SHOEPACK)
69-1040	LITTLE DRY

Project AG_PEST Department of Agriculture Pesticide Monitoring

Start Date 01/01/1995 **Planned Duration** Long-term

Purpose Unspecified

Study Area Statewide

Assigned Stations

Station ID	Station Name
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY

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Project AITKIN

Volunteer Surface Water Quality Monitoring of Aitkin Cty Lk

Start Date 05/01/1995 **Planned Duration** 05/01/2008

Purpose Assessment of Lake Water Quality

Non SWAG Project, Contract Number B12168

Study Area Aitkin County

Project Design ERA Laboratories
A.W. Research Laboratories, Inc.

Sample Collection Method and Gear: Integrated Sampler, Grab Sample, Grab with Weighted Bucket.

Field Measurements-Methods and Instrumentation: Secchi Disk, Sample Bottles, SONDE 6820, YSI 85, Transparency Tube, Kemmerer Sampler.

Obtain Plan Citation for Project Plan

Title: 2002 Aitkin County Comprehensive Local Water Management Plan
Author: Steve Hughes, Water Plan Coordinator
Publishing Organization: Aitkin Co. Water Planning Task Force
Publication Year: 2002
Volume and Page No.: 3rd Generation, Page 64

Assigned Stations

Station ID	Station Name
01-0033	MINNEWAWA
01-0069	PORTAGE
01-0087	SUGAR
01-0091	RABBIT
01-0093	CLEAR
01-0096	DAM
01-0099	GUN
01-0102	WILKINS
01-0104	FRENCH
01-0105	FLEMING
01-0117	NORD
01-0123	ELM ISLAND
01-0125	LONE
01-0137	ROUND
01-0147	ESQUAGAMAH
01-0157	BIG PINE
01-0159	FARM ISLAND
01-0170	HANGING KETTLE
01-0176	LITTLE PINE
01-0188	BLIND
01-0201	HOLY WATER
01-0204	ROUND
S001-095	DT TO GUN L AT CSAH 5 3 MI S OF PALISADE
S001-733	UNN TRIB AT CSAH 5, 12.5 MI NE OF AITKIN, MN
S001-734	UNN TRIB AT T32, 12 MI NE OF AITKIN, MN

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Station ID	Station Name
S004-715	MORRISON BK AT US-169, .5 MI SW OF HILL CITY, MN
S005-489	UNN DTCH AT 450TH ST, 3.3 MI SSW OF PALISADE, MN

Project AKN-S Volunteer Surface Water Quality Monitoring of Aitkin Cty Lks

Start Date 04/01/2008 **Planned Duration** 1 YEAR

Purpose Assessment of Lake Water Quality

Study Area Aitkin County

Project Design Lab Info: ERA Laboratories, Inc.

Field Procedure Information:
Sample Collection Method and Gear - Integrated Sampler
Field Measurements - Methods and Instrumentation - Secchi Disk

Obtain Plan Citation for Project Plan: 2002 Aitkin County Comprehensive Local Water Management Plan

Author: Steve Hughes, Water Plan Coordinator

Publishing Organization: Aitkin Co Water Planning Task Force

Publication Year: 2002

Volume and Page No.: 3rd Generation, Page 64

Assigned Stations

Station ID	Station Name
01-0077	RAT
01-0105	FLEMING
01-0125	LONE
01-0136	WAUKENABO
01-0137	ROUND
01-0161	HAMMAL
01-0178	SPIRIT
01-0188	BLIND

Project ALASD Alexandria Lakes Area Sanitary District

Start Date 01/01/1978 **Planned Duration** Ongoing

Purpose Lake surveys (no project establishment form received as of 7-18-05)

Assigned Stations

Station ID	Station Name
21-0051	HENRY
21-0052	GENEVA
21-0053	AGNES
21-0054	VICTORIA
21-0056	LE HOMME DIEU
21-0057	CARLOS
21-0080	DARLING

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Station ID	Station Name
21-0081	WINONA
21-0085	ANDREW
21-0092	MARY
21-0102	BROPHY
21-0103	COWDRY
21-0106-01	LATOKA (NORTH BAY)
21-0106-02	LATOKA (SOUTH BAY)
21-0123	IDA

Project ANNL-L Ann/Emma Lakes Excess Nutrients TMDL Project

Start Date 05/23/2008 **Planned Duration** 06-30-2011

Purpose This study is meant to continue the previous activities on Ann Lake to further understand not only the current phosphorus loading of this watershed, but also the sources and timing of the nutrient influxes in this watershed. Through this understanding, better management practices and land treatment can be implemented.

Study Area Ann/Emma Lake Watershed

Project Design Lab: RMB Laboratories

Sample collection methods and gear: lake water column with integrated sampler, Van Dorn sampler, grab sample w/bottle

Obtain Plan Local Project Coordinator:

Joe Jacobs
Wright SWCD
311 C Brighton Ave.
Buffalo, MN 55313
763-682-1970
joe.jacobs@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
86-0188	EMMA
86-0190	ANN
S001-618	CD #10 AT 90TH ST SW RD XING (AKA CSAH-30), 0.5 MI N RICE LK
S001-619	CO DTCH NO 10 AT CSAH-6 BRG, 2 MI S OF HOWARD LK
S001-621	CO DTCH NO 10 AT CSAH-5 BRG, 1.5 MI NE OF RICE LK
S001-622	CO DTCH NO 10 AT KEATS AVE BRG, 2 MI SW OF HOWARD LK
S001-623	UNN TRIB TO CO DTCH NO 10 AT CSAH-30, 1.5 MI OF RICE LK
S001-973	TWELVEMILE CR NEAR HART AVE, 2.5 MI SW OF HOWARD LK, MN
S002-273	DRAIN TILE UPST OF SHA-3D, 8 MI SW IVANHOE
S002-415	UNN TRIB TO ANN LK AT CSAH 30, 2.9 MI S OF HOWARD LK, MN
S003-460	CD #10 AT CROSSING OF INGRAM AVE/90TH, 2.5 MI SE HOWARD LAKE
S004-862	LITTLE ANN R AT UNNAMED RD, 12.5 MI N OF OGILVIE

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S005-272	UNN STR, LK ANN TO LK EMMA, 3.2 MI SSE OF HOWARD LK, MN
S005-273	UNN STR AT HOLLISTER AVE SW, 4.5 MI SE OF HOWARD LAKE, MN
S005-274	UNN STR AT KILBURY AVE SW, 1.5 MI SW OF HOWARD LK, MN
S005-275	UNN STR AT CR-5, 3.2 MI ESE OF COKATO, MN
S005-276	UNN STR AT NORLING AVE SW, 2.5 MI SSE OF COKATO, MN
S005-277	UNN STR AT NORLING AVE SW, 4 MI SSE OF COKATO, MN
S005-278	UNN STR AT NORLING AVE SW, 5.2 MI SSE OF COKATO, MN

Project ANNR-L Ann River Watershed TMDL (CWLA)

Start Date 03/15/2008 **Planned Duration** 2 years

Purpose Condition monitoring to determine phosphorus loadings to the lakes, along with bacteria impairments in the watershed. All the data will be used to develop a TMDL for the impaired waters. For the lake monitoring on Ann and Fish Lakes, this project will include some of the same parameters as the CLMP Program.

For 2007 monitoring on 9/21/07, 9/27/07 and 10/10/07 this project was funded out of billing code PO (EOD Waste Load Alloc/TMDL) monies.
For 2008 monitoring, this project is funded with '08 CWLA funds.

Study Area Ann River Watershed

Project Design Sample Collection Method(s) and Gear(s): Grab with swing sampler, waited bucket, or directly into bottle; also will be using Automatic Samplers to collect event samples.

Field Measurements - Methods and Instrumentation: pH, DO, cond., temp and turbidity with a YSI 6920; transparency with t-tube or secchi disk.

Turbidimeter Make and Model: using probe on YSI sonde

Gage Type: Staff and Bridge Downs
Probe Make and Model: YSI 6920

Laboratory:
ERA Laboratories, Inc.
24 No. 21st Ave, West
Duluth, MN 55806
Contact Name: Susan D. Magnuson
Phone: (218) 727-6380
email: eralabs@aol.com

Obtain Plan Kelly Osterdyk
Kanabec SWCD
2008 Mahogany St., #3
(320) 679-3781, Ext. 113
kelly.Osterdyk@mn.nacdnet.net

MPCA Project Manager:
Chris Klucas
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 297-8233
christopher.klucas@pca.state.mn.us

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Station ID	Station Name
33-0036	FISH
33-0040	ANN
S003-530	ANN R AT CR-12 (200TH AVE), 3.2 MI W OF MORA, MINNESOTA
S003-782	ANN R AT CR-14, 3 MI SW OF MORA, MN
S004-392	ANN R AT 210TH AVE BRG (CSAH-6), 3.5 MI W OF MORA
S004-393	LITTLE ANN R AT 240TH AVE BRG (CSAH-26), 6.5 MI NW OF MORA
S004-633	UNN INLET TO FISH LK (AKA TOSHER CK) AT CSAH-14 5 MI SW MORA
S004-634	UNN STR AT CSAH-12, 3 MI W OF MORA
S004-635	UNN STR AT CR-59 (GARDENVIEW RD), 5.5 MI NE OF OGILVIE
S004-636	CAMP CK AT MN-47, 6 MI N OF OGILVIE
S004-637	SPRING BK AT MN-47, 4 MI N OF OGILVIE
S004-638	UNN STR AT CREST VIEW DR, 9 MI N OF OGILVIE
S004-639	FISH LK (ANN RIVER) DAM, EAST OF MN-65 BRG, 1 MI S OF MORA
S004-640	ANN LK (ANN RIVER) DAM AT 233RD AVE, 6.5 MI NW OF MORA
S004-641	UNN STR TO FISH LK AT CSAH-14, 4.5 MI SW OF MORA
S004-861	LITTLE ANN R AT MN-47, 9.5 MI N OF OGILVIE
S004-862	LITTLE ANN R AT UNNAMED RD, 12.5 MI N OF OGILVIE
S004-936	UNN STR BETWEEN DEVILS LK & FISH LK AT CSAH-14, 5 MI SW MORA

Project ANOKA Anoka Conservation District Water Quality Monitoring

Start Date 01/01/1998 **Planned Duration** Ongoing

Purpose Baseline monitoring. Investigation of high values where noted, such as the Typo/Martin Lakes TMDL.

Study Area 16015 Central Ave #103
Ham Lake, MN 55304

Project Design 4-3-2006
Sample Collection Method(s): grab samples by hand for stream samples. For lake samples, a Kemmerer sampler was lowered to a depth of 1 meter.

Field Measurements: Horiba model U-10 Water Checker used to measure the following parameters at a depth of one meter (shallower in many streams because stream depth was <1m. Parameters measured in this manner are pH, conductivity, turbidity, dissolved oxygen, temperature and salinity (%). Instrumentation was calibrated before each day of field work.

Obtain Plan Craig Affeldt
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651.296.6062
craig.affeldt@pca.state.mn.us

Assigned Stations

Station ID	Station Name
02-0009	RESHANAU
02-0016	HOWARD
02-0026	LINWOOD

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Station ID	Station Name
02-0034	MARTIN
02-0035	FAWN
02-0042	COON
02-0052	NETTA
02-0053	HAM
02-0072	LADDIE
02-0075-01	MOORE (EAST BAY)
02-0075-02	MOORE (WEST BAY)
02-0080	SANDY (SULLIVAN)
02-0084	CROOKED
02-0089	ROUND
02-0091	GEORGE
02-0104	ROGERS
02-0110	ITASCA
02-0130	PICKEREL
02-0133	EAST TWIN
30-0009	TYPO
82-0168	MUD
S000-066	RUM RIVER CSAH-24, ST. FRANCIS
S001-424	W BR SUNRISE R NEAR CR-19 1 MI W OF STACY
S002-925	UNN DT AT UNN RD BTN MUD AND HOWARD LK, 1.5 MI W OF FOREST L
S003-042	CLEARWATER CK S OF CR-14 (MAIN ST) IN CENTERVILLE
S003-051	HARDWOOD CK AT W 170TH ST N OF HUGO
S003-176	TROTT BK AT CSAH-5 (NOWTHEN BLVD), 6 MI NW OF ANOKA
S003-177	RUM R IN RUM R CENTRAL PK, 6.5 MI N OF ANOKA
S003-178	CTY DTCH 6 AT VALLEY DR, 5.5 MI OF ANOKA
S003-179	CTY DTCH 6 AT CSAH-9 (ROUND LK BLVD), 5.5 MI NE OF ANOKA
S003-180	CTY DTCH 6 AT 164TH LANE NW, 5.5 MI NE OF ANOKA
S003-181	CTY DTCH 6 AT IVYWOOD ST NW, 6 MI NE OF ANOKA
S003-182	CTY DTCH 6 AT VERDIN ST NW, 5.5 MI NE OF ANOKA
S003-183	RUM R AT DAM BEHIND ANOKA CITY HALL, N OF US-10 IN ANOKA
S003-184	UNN TRIB TO CTY DT 17, .5 MI W OF UNIVERSITY AVE IN FRIDLEY
S003-185	UNN TRIB (CTY DT 66) AT 160TH LANE NW, 4.5 MI N OF ANOKA
S003-186	UNN TRIB (CTY DT 66) AT DYSPORSIUM ST NW, 4.5 MI N OF ANOKA
S003-187	UNN TRIB (CTY DT 3) AT REGIONAL TRTMT CTR ON 4TH ST IN ANOKA
S003-188	MARTIN LK INLET AT TYPO CK DR NE, 1 MI NW OF MARTIN LK
S003-189	RUM R AT CR-116, 2 MI N OF ANOKA
S003-190	UNN TRIB TO CTY DTCH 13, 500 FT UPSTRM OF CSAH-20
S003-191	CTY DTCH 6 AT TULIP ST NW, 5 MI NE OF ANOKA
S003-192	DTCH 13, 0.4 MI UPSTRM OF CSAH-20, 7.5 MI SE OF ISANTI

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Station ID	Station Name
S003-193	CTY DTCH 18 AT POPPY ST NW, 1 MI S OF ST. FRANCIS
S003-194	CTY DTCH 18 AT CSAH-9, 1 MI SE OF ST. FRANCIS
S003-195	CTY DTCH 19 AT 202ND AVE, 3.5 MI S OF ST. FRANCIS
S003-196	UNN DTCH (DTCH 49) AT CSAH-5, 6 MI NE OF ELK RIVER
S003-197	UNN DTCH (DTCH 6) AT 169TH LANE, 6 MI N OF ANOKA
S003-198	UNN DTCH (DTCH 66) AT XENON ST, 5 MI N OF ANOKA
S003-199	UNN DTCH (DTCH 66) AT CSAH-5, 5 MI N OF ANOKA
S003-200	FORD BK AT CR-63 (GREEN VALLEY RD), 7 MI N OF ANOKA
S003-201	UNN DTCH (DTCH 27) AT CSAH-5, 7 MI N OF ANOKA
S003-202	TROTT BK AT ERMINE BLVD, 2.5 MI E OF ELK R
S003-203	CEDAR CK AT CSAH-9, 10 MI E OF ELK R
S003-204	SEELYE BK AT CSAH-7, 2 MI S OF ST. FRANCIS
S003-205	SEELYE BK AT CSAH-28 (AMBASSADOR ST), 3 MI NW OF ST. FRANCIS
S003-206	RUM R AT CSAH-10 (249TH ST.) BRG, 2.5 MI NE OF ST. FRANCIS
S003-207	CEDAR CK AT FAWN LK DR, 6 MI SE OF ISANTI
S003-209	TYPO LK INLET (HOFFMAN CK) AT CSAH-20, 4.5 MI NW OF STACY
S003-210	UNN DTCH (CEDAR CK), .5 MI S OF CSAH-20, 8 MI SE OF ISANTI
S003-211	CROOKED BK (DTCH 67) AT CSAH-22, 10 MI N OF BLAINE
S003-212	MARTIN LK INLET FROM ISLAND LK, 5.5 MI NW OF WYOMING
S003-213	UNN TRIB TO CTY DT 13, 0.3 MI UPSTREAM OF CSAH-20
S003-214	CTY DT 56 (COON LK INLET) AT CSAH-22, 8.5 MI NW OF FOREST LK
S003-215	BOOT LK INLET AT CSAH-22, 8.5 MI NW OF FOREST LAKE
S003-216	LINWOOD LK INLET AT CRANBERRY DR., 5.5 MI W OF WYOMING
S003-217	TYPO L OUTLET AT FAWN L DR., 9.5 MI SE OF ISANTI
S003-218	LINWOOD LK OUTLET AT 215TH AVE., 5.5 MI NW OF WYOMING
S003-219	MARTIN LK INLET, .5 MI E OF TYPO CK DR, 1 MI N OF MARTIN LK
S003-220	TYPO LK INLET ON W SIDE OF LAKE, 7.5 MI NW OF WYOMING
S003-221	ISLAND LK INLET AT CSAH-22, 5 MI NW OF WYOMING
S003-222	MARTIN LK OUTLET, S OF MARTIN LK DR., 5 MI NW OF WYOMING
S003-223	UNN TRIB TO MARTIN LK AT CR-85, 6.5 MI NW OF WYOMING
S003-224	TYPO L SE INLET AT PUBLIC BOAT LANDING, 6.5 MI N OF WYOMING
S003-225	W BR SUNRISE R AT TYPO CK DR (CR-85), 7 MI NW OF WYOMING
S003-354	UNN DTCH AT WOLFRAM ST, 5 MI N RAMSEY, MINNESOTA
S003-573	CTY DTCH 13 (W BR SUNRISE R) AT CSAH-20, 8 MI SE OF ISANTI
S003-993	COON CR AT VALE ST BRG IN COON HOLLOW AREA IN COON RAPIDS
S003-994	COON CR AT CROSSTOWN BLVD (ANDOVER HS) IN ANDOVER
S003-995	UNN CR (PLEASURE CK) CORNER 86TH AVE/MISS BLVD COON RAPIDS
S003-996	RICE CR AT MN-65 IN FRIDLEY
S004-025	CD 18 AT CSAH-24 (229TH AVE NW), 0.6 MI E OF ST FRANCIS
S004-026	RUM R AT CSAH-7, 6.5 MI N OF ANOKA

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Station ID	Station Name
S004-166	CEDAR CK AT SIMS RD, 1 MI W OF MN-65, 6 MI SE OF ST. FRANCIS
S004-167	CROOKED BK (DTCH 67) JUST E OF MN-65, 4.5 MI N OF HAM LAKE
S004-168	UNN STRM (DTCH 28) JUST OFF MN-65, 4.5 MI N OF HAM LAKE
S004-169	UNN STRM (DTCH 13-28) JUST E OF MN-65, 4.5 MI N OF HAM LAKE
S004-170	UNN STRM (TYPO CK TRIB) AT FAWN LK DR. 1.5 MI N OF MARTIN LK
S004-171	COON CK, N OF CSAH-11 IN LIONS COON CK PARK IN COON RAPIDS
S004-619	SAND CK AT XEON ST IN COON RAPIDS
S004-620	COON CK ON PED TRAIL, JUST N OF BUNKER LK BLVD, IN ANDOVER
S005-257	COON CK AT 131ST AVE IN COON RAPIDS
S005-258	COON CK AT EGRET BLVD IN COON RAPIDS
S005-259	COON CK AT MN-65 IN HAM LAKE
S005-260	UNN ST (DTCH 41) AT ULYSSES ST IN BLAINE
S005-261	CD-58 AT 165TH AVE IN HAM LAKE
S005-262	UNN STR (DTCH 59-4) AT BUNKER LK BLVD NE
S005-263	UNN STR (PLEASURE CK) AT 96TH LANE NE IN BLAINE
S005-264	UNN STR (SAND CK) AT UNIVERSITY AVE NW IN BLAINE
S005-271	HARDWOOD CK AT 165TH ST N, 2 MI NW OF HUGO
S005-279	HARDWOOD CK DWNSTM OF INTERSECTION OF 170TH ST & FENWAY AVE

Project BASSETT Bassett's Bacteria TMDL

Start Date 07/07/2008 **Planned Duration** 2 years

Purpose Investigate Bacteria Impairment of Bassett Creek

Project Design Sample Collection Methods: Grab

Laboratory Name: MDH

Assigned Stations

Station ID	Station Name
S005-012	UNN STR (PLYMOUTH CK) E OF TEAKWOOD LN IN PLYMOUTH
S005-013	BASSETT CK AT RHODE ISLAND AVE N IN GOLDEN VALEY
S005-014	UNN STR UPSTR OF ADAIR AVE AND 32ND AVE IN GOLDEN VALLEY
S005-015	BASSETT CK JUST S OF 29TH AVE N IN GOLDEN VALLEY
S005-016	BASSETT CK JUST E OF BASSETT CK DR IN GOLDEN VALLEY
S005-017	BASSETT CK AT IRVING AVE N IN MINNEAPOLIS

Project BATTLECK Battle Creek Complaint Investigation

Start Date 01/01/2004 **Planned Duration** LONGTERM

Purpose Investigation

Project Summary

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Study Area Statewide

Obtain Plan

Assigned Stations

Station ID	Station Name
S003-679	BATTLE CK AT OUTLET OF BATTLE CK LAKE IN WOODBURY
S003-680	BATTLE CK BEHIND RESIDENCE AT 130 CRESTVIEW DRIVE, MAPLEWOOD

Project BAUDETTE Baudette River Watershed

Start Date 04/26/2007 **Planned Duration** 2 YEARS

Purpose Problem Investigation: TMDL completion.

Study Area Baudette River Watershed
Stations Monitored:
RA-12, S000-063
BR-11, S000-946
BR-7, S004-622
BR-3, S005-248
SW1W, S005-249
SW2W, S005-250
SW3W, S005-251
SW1E, S005-252
SW2E, S005-253
SW3E, S005-254

Project Design Sample Collection: grab with VanDorn
Field Measurements: pH, Spec. Cond., Temp., DO, Turb. with YSI 69\820, Transparency with TTube.
Turbidimeter Make/Model: YSI 6820
Sample Medium: Water Column, Bed Materials

Obtain Plan Mike Hirst
Lake of the Woods
Soil & Water Conservation District
PO Box 217
Baudette, MN 56623
218-634-1842, Ext. 3
mike.hirst@mn.nacdnet.net

MPCA Project Manager:
Tim James
MPCA Detroit Lakes Office
714 Lake Ave., Suite 220
Detroit Lakes, MN 56501
(218) 846-0749
tim.james@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-063	RAINY RIVER AT INTERNATIONAL BRIDGE AT BAUDETTE
S000-946	BAUDETTE RIVER DOWNSTREAM OF MN-11 AT BAUDETTE
S004-622	BAUDETTE R AT CSAH-35, .5 MI S OF BAUDETTE, MN
S005-248	BAUDETTE R AT CR-161, 4 MI SO OF BAUDETTE
S005-249	STORM WTR OUTFALL, 1ST ST NE AND BAUDETTE BAY ON WEST BANK

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Station ID	Station Name
S005-250	STORM WTR OUTFALL JUST SO 1ST ST SE & BAUDETTE BAY WEST BANK
S005-251	STORM WTR OUTFALL, 5TH ST SE AND BAUDETTE BAY ON WEST BANK
S005-252	STORM WTR OUTFALL, 2ND ST NE AND BAUDETTE BAY ON EAST BANK
S005-253	STORM WTR OUTFALL, 1ST ST SE AND BAUDETTE BAY ON EAST BANK
S005-254	STORM WTR OUTFALL, 3RD ST SE AND BAUDETTE BAY ON EAST BANK

Project	BCWD-L	Brown's Creek TMDL (CWLA)
	Start Date	03/20/2008
	Planned Duration	1 year
	Purpose	Condition Monitoring
	Study Area	Brown's Creek at Stonebridge Trail, Stillwater, MN S004-925
Project Design	Sample Medium: water column Lab: Metropolitan Council Environmental Services, St. Paul Sample Collection Method(s) and Gear(s): see WCD SOP at http://www.mnwcd.org/water_monitoring_standards.php Field Measurements - Methods and Instrumentation: temperature, DO with YSI 550A, specific conductivity with Oakton ECTestr, pH/cond with Oakton PCTestr3, transparency with t-tube, macroinverts with D-nets.	
Obtain Plan	Travis Thiel Washington Conservation District 1380 W Frontage Road, Hwy 36 Stillwater, MN 55082 (651) 275-1136 travis.thiel@mnwcd.org MPCA Project Manager: Chris Klucas Minnesota Pollution Control Agency 520 Lafayette Road North St. Paul, MN 55155 (651) 297-8233 christopher.klucas@pca.state.mn.us	
Assigned Stations		
	Station ID	Station Name
	S004-925	BROWN'S CK AT STONEBRIDGE TR IN STILLWATER

Project	BEACH_SS	MN Lk Superior Beach Monitoring Program-Sanitary Survey Proj
	Start Date	06/18/2007
	Planned Duration	5/25 - 12/31/07
	Purpose	The overall objective of this proposed project is to identify the sources of bacterial pollution at Lake Superior beaches. Lakewalk beach has periodic advisories sometimes associated with rain events and other times not. This beach is a heavily used and high traffic beach which receives stormwater runoff from downtown Duluth and has had untreated sewage discharged to the area during heavy rain events in the past. The other beach, New Duluth Boat Club beach, has persistent advisories throughout the summer swimming season. This beach has

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Purpose a large migrant bird population, tannin stained waters from the St. Louis River, heavy boat traffic, and a long history of human activity at the site. This information is important for health advisories, to formulate abatements strategies, and to detect other potential unsuspected sources of fecal contaminants.

Study Area Lake Superior - Beach Monitoring

Project Design Sample Collection: Grab sample
Field Measurements - Methods and Instrumentation: Turbidity, water temp & conductivity using YSI 6820, Air temp using Atkins FW2000MK
Turbidimeter Make and Model: YSI 6820
Probe Make and Model: YSI 6820 with Turbidity Sensor #6136

Obtain Plan Minnesota Pollution Control Agency - Duluth Office
525 S. Lake Ave., Suite 400, Duluth MN 55802
Phone: 218-723-4953
E-mail: heidi.bauman@pca.state.mn.us

Assigned Stations

Station ID	Station Name
16-0001-B007	Beach: Lk Sup St. Louis Bay, Pk Pt Boat Club/14th St, Duluth
16-0001-B008	Beach: Lk Sup, Duluth Lk Walk Rest Rooms, Canal Pk, Duluth
16-0001-B012	Beach: Lk Sup, Brighton Beach (Kitchi Gammi Pk) in Duluth
16-0001-B107	Beach: Lk Sup, Park Point New Duluth Boat Club/Army Reserve
16-0001-B108	Beach: Lk Sup, Lakewalk Beach / Midnight Sun Road
16-0001-B207	Beach: Lk Sup, Park Point New Duluth Boat Club/Coast Guard
16-0001-B208	Beach: Lk Sup, Lakewalk Beach / Storm Water Discharge

Project BEAVER-S Beaver Creek Surface Water Assessment Grant (SWAG)

Start Date 04/01/2008 **Planned Duration** 2 years

Purpose This project will be a comprehensive water sampling program that will effectively assess the water quality of the Beaver Creek watershed for two years.

Study Area Beaver Creek

Project Design Field Procedure Information: Samples will be collected using procedures outlined in the QAPP. Field meters will be calibrated before each use and documented in a Microsoft Excel spreadsheet.

Sample Collection Method(s) and Gear(s): Samples will be collected using the grab method with a pail.

Field Measurements: pH, temperature, DO, transparency, recreational suitability, stream condition and appearance

Turbidimeter Make and Model: N/A
Lab: MVTL, New Ulm, Minnesota

Obtain Plan Arlyn Gehrke
Rock County Land Management Office
311 W. Gaberialson Road
Luverne, MN 56156
507-283-8862 Ext. 3
arlyn.gehrke@co.rock.mn.us

MPCA Project Manager:
Lee Engel

Project Summary

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Minnesota Pollution Control Agency

Obtain Plan Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-297-4150
lee.engel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S004-811	BEAVER CK ON 10TH AVE BRG, 1 MI W OF MANLEY

Project BEAVERCK Beaver Creek Watershed Improvement Project

Start Date 06/01/2005 **Planned Duration** 2007, 2008 only

Purpose Implementation project with monitoring to document results.

Contract #A76466

Study Area S002-005, Beaver Ck at MN-30 Brg, 1 Mi W of Currie

Project Design Field Procedure Information: Samples will be collected using procedures outlined in the QAPP. Field Meters will be calibrated before each use and documented in a Microsoft Excel spreadsheet.

Sample Collection Method(s) and Gear(s): Samples will be collected using the grab method with a pail in the thalweg of the stream.

Field Measurements - Methods and Instrumentation: pH, conductivity, temperature, DO, transparency, recreational suitability, stream condition and appearance.

Labs: MVTL, New Ulm; Worthington Public Utilities, Worthington

Obtain Plan Christain (Chris) Hansen
Murray County Environmental Services
2500 28th Street, PO Box 57
Slayton, MN 56172
507-836-6148, ext. 156
chansen@co.murray.mn.us

MPCA Project Manager:
Kelli Daberkow
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
(507) 537-6497
kelli.daberkow@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S002-005	BEAVER CK AT MN-30 BRG, 1.75 MI W OF CURRIE

Project BECKCOLA Becker Coalition of Lake Association (COLA) Monitoring

Start Date 01/01/1993 **Planned Duration** Long-term

Purpose Condition Monitoring

Study Area Becker County

Assigned Stations

Station ID	Station Name
03-0010	STRAIGHT

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Station ID	Station Name
03-0017	TWO INLETS
03-0085	BAD MEDICINE
03-0107	TOAD
03-0153	ISLAND
03-0155	ROUND
03-0159	ELBOW
03-0189	LITTLE TOAD
03-0195	HEIGHT OF LAND
03-0286	COTTON
03-0287	PICKEREL
03-0291	RICE
03-0293	ROCK
03-0304	BIG SUGAR BUSH
03-0323	STRAWBERRY
03-0328	WHITE EARTH
03-0350	BUFFALO
03-0358	FOX
03-0381	DETROIT
03-0383	LONG
03-0386	LITTLE FLOYD
03-0387-01	MUD
03-0387-02	FLOYD (BIG FLOYD)
03-0486	PEARL
03-0500	MAUD
03-0503	EUNICE
03-0506	LITTLE CORMORANT
03-0575	LEIF
03-0576	BIG CORMORANT
03-0582	IDA
03-0587	ROSSMAN
03-0595	NELSON
03-0596	UNNAMED (LARSON)
03-0602	MIDDLE CORMORANT
03-0619	LEE (TALAC)
03-0657	TURTLE
44-0003	TULABY

Project BECKER-S Becker County SWCD Surface Wtr Assmnt Grant (SWAG)

Start Date 06/01/2008 **Planned Duration** 2 years

Purpose Lake Condition/303(d) Evaluation

Study Area 03-0088 Bass 201
03-0638 Beseau 202
03-0092 Basswood (Little) 201
03-0030 Boot 204

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Study Area 03-0579 Boyer 201
03-0350 Buffalo 202
03-0159 Elbow 205
03-0269 Five 201
03-0029 Hungry Man 101
03-0156 Ice Cracking 201
03-0136 Juggler 201
03-0549 Larson 201
03-0234 Little Bemidji 201
03-0158 Many Point 201
03-0526 Marshall 201
03-0180 North Twin 202
03-0273 Perch 203
03-0139 Pike 201
03-0291 Rice 201
03-0293 Rock 202
03-0102 Shell 201
03-0631 Stakke 201
03-0323 Strawberry 201
03-0017 Two Inlets 202
03-0101 Wolf 201

Project Design Sample Medium: Water Column

Lab: RMB, Detroit Lakes

Sample Collection Method(s) and Gear(s): lake water column with integrated sampler

Obtain Plan Brad Grant
Becker SWCD
809 8th St SE
Detroit Lakes, MN 56501
(218) 846-7360
brad.grant@mn.nacdn.net

MPCA Project Manager:
Johanna Schussler
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-282-6411
johanna.schussler@pca.state.mn.us

Assigned Stations

Station ID	Station Name
03-0017	TWO INLETS
03-0029	HUNGRY MAN
03-0030	BOOT
03-0088	BASS
03-0092	BASSWOOD (LITTLE)
03-0096	BIG BASSWOOD
03-0101	WOLF
03-0102	SHELL
03-0136	JUGGLER
03-0139	PIKE
03-0156	ICE CRACKING
03-0158	MANY POINT

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Station ID	Station Name
03-0159	ELBOW
03-0180	NORTH TWIN
03-0234	LITTLE BEMIDJI
03-0269	FIVE
03-0273	PERCH
03-0286	COTTON
03-0291	RICE
03-0293	ROCK
03-0323	STRAWBERRY
03-0350	BUFFALO
03-0526	MARSHALL
03-0549	LARSON
03-0579	BOYER (SAND BEACH)
03-0596	UNNAMED (LARSON)
03-0631	STAKKE
03-0638	BESEAU

Project BELTRA-S Beltrami Surface Water Assessment (CWLA Grant) Project Study

Start Date 02/28/2007 **Planned Duration** 06-30-2009

Purpose Short-term water quality monitoring program which tests for excess nutrients and determines if impairment thresholds have been reached on 36 priority lakes. CWLA project

Study Area Beltrami County

Project Design Field Procedure Information:

Sample Medium: Water Column

Sample Collection Method(s) and Gear(s):
2-meter integrated sampler for lake epilimnion samples, and Secchi disk for transparency

Lab: RMB Environmental Lab, Inc.
Contact: Moriya Rufer or Bob Borash
Phone: 218-846-1465

Obtain Plan Chris Parthun
Beltrami SWCD
3217 Bemidji Avenue North #3
Bemidji, MN 56601-4328
218-755-4339
chris.parthun@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
04-0011	MOOSE
04-0015	LITTLE RICE
04-0024	GILSTAD
04-0031	BIG RICE (RICE)
04-0032	PIMUSHE
04-0034	RABIDEAU

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Station ID	Station Name
04-0043	LOST
04-0048	WINDIGO (HELEN)
04-0049	BIG
04-0050	MEADOW
04-0068-02	ERICKSON (SE PORTION)
04-0085	SWENSON
04-0099	UNNAMED
04-0110	LITTLE BASS
04-0120	GULL
04-0122	MEDICINE
04-0124	SANDY
04-0137	WHITE FISH
04-0138	JACKSON
04-0139	BASS
04-0142	MARQUETTE
04-0154	LARSON
04-0157	BLACK
04-0161	DES MOINES (BAILEY)
04-0162	FOX
04-0196	CAMPBELL
04-0198	PUPOSKY
04-0211	BOOTLEG (BOOT)
04-0212	STEINBROOK (APPLE)
04-0217	GRANT
04-0244	BOSTON
04-0265	ISLAND
04-0267	TEN MILE
04-0297	BUZZLE
04-0299	FUNKLEY
04-0300	WHITEFISH
04-0303	SPRING
04-0304	MYRTLE
04-0307	SANDY
04-0322	SYLVIA (SAND)
04-0326	MOOSE
04-0329	BALM (TURTLE)
04-0331	DELLWATER (DALE)

Project	BENTON	Benton County SWCD Lake Monitoring
Start Date	05/01/2003	Planned Duration 4 years
Purpose	Lake conditioning monitoring. Mayhew (05-0007) Donovan #05-0004-01 (East Bay) 05-0004-02 (Main)	

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Purpose 05-0004-03 (South Bay)
05-0004-04 (Southwest)

Study Area Statewide

Project Design Field Procedure Information: See University of MN Outdoor Corps Website

Sample Collection and Method(s) and Gear(s):
Integrated sampler, upper 2 meters, deepest location in center of lake.

Obtain Plan Karen Evens
MPCA -Brainerd Regional Office
7678 College Road, Suite 105
Baxter, MN 56425
Phone: 218-828-6119
Toll Free: 800-657-3864
Fax: 218-828-2594
karen.evens@pca.state.mn.us

Assigned Stations

Station ID	Station Name
05-0004-02	DONOVAN (MAIN)
05-0007	MAYHEW

Project BFISHLON Big Fish Long Lake CWP Phase I

Start Date 04/01/1999 **Planned Duration** 04-01-2002

Purpose The Phase I study was to research and determine why these lakes are significantly better in water quality than the lakes in the surrounding area and to develop a plan to protect these pristine lakes. The water quality monitoring was conducted to determine where nutrient loading was occurring, if at all.

Big Fish Lake and Long Lake Clean Water Partnership Phase I Diagnostic Study (grant #3331) was sponsored by the Sauk River Watershed District, but facilitated by the Stearns County Environmental Services. The Big Fish and Long Lake Associations funded a percentage of the project by donations and a matching grant from the Minnesota Initiative Foundation.

The project began in 1999 and was scheduled to run two years, but due to dry conditions, a one year extension was granted to attain additional stream data.

The project was completed in April of 2002.

Big Fish Association members submit CLMP secchi data.

Associated with the SRWD Program in STORET.

Study Area Big Fish and Long Lakes, as well as the lakes' inlets and outlets.

Project Design Phase I:

Samples were sent to Braun Intertec. Parameters collected for lakes included total phosphorus, ortho-phosphorus, total suspended solids, chlorophyll-a, dissolved oxygen, pH, and secchi (with TKN, NH4 and NO3 sampled through 2002). Parameters collected for streams included total phosphorus, ortho-phosphorus, total suspended solids, dissolved oxygen and chloride (with TKN, NH4 and NO3 sampled through 2002).

Streams samples are collected by grab samples, or Van Dorn Samplers in high flows. Lake samples were collected monthly by a six foot profile or six foot integrated sampler.

Obtain Plan Citation for Plan:

Project Summary

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Obtain Plan Lynn Nelson
Sauk River Watershed District
524 4th Street South
Sauk Centre, MN 56378
320-352-2231
lynn@srwdmn.org

Assigned Stations

Station ID	Station Name
73-0106	BIG FISH
73-0107	LONG
S000-444	MILL CK AT MN-23 IN ROCKVILLE
S002-052	BIG FISH LK INLET ON UNN ROAD, 4.5 MI NW OF COLD SPRING
S002-053	BIG FISH LK OUTLET ON UNN ROAD, 4.5 MI NW OF COLD SPRING
S003-287	LONG LK INLET AT B FISH LK RD, 5.8 M NE OF COLD SPRINGS, MN
S003-536	LONG L OUTLET S OF RANCH RD, 5.1 MI NW OF COLD SPRING, MN
S003-631	BIG FISH LAKE INLET 0.12 MI S B FISH L RD, 5.5 MI S AVON, MN

Project BFRB Big Fork River Board River Watch Stream Monitoring Program

Start Date 01/01/1994 **Planned Duration** Ongoing

Purpose Condition monitoring for water quality status and trends.

Study Area S000-173, S002-858, S002-859, S002-860, S002-855, S002-856, and S002-857

Project Design Hach test kits

Assigned Stations

Station ID	Station Name
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN
S002-855	BIG FORK R AT CR1 AT LINDFORD
S002-856	BIG FORK AT STURGEON LNDG, 5 MI W OF BIG FALLS
S002-857	BIG FORK R AT GRUNWALD LNDG, 5.5 MI SE BIG FALLS
S002-858	BIG FORK R AT CR5, 5 MI N NE OF EFFIE
S002-859	BIG FORK R AT CR237, 4.5 MI NE BIG FORK
S002-860	BIG FORK R AT CR31 IN WIRT

Project BIGBIRCH Big Birch Lake Watershed Management Project Continuation

Start Date 07/01/2005 **Planned Duration** 3 years

Purpose The purpose of the Big Birch Lake Watershed Management Project is to reduce the nutrient loading to Big Birch Lake by implementing Best Management Practices throughout the watershed. The water quality monitoring is conducted to determine the effectiveness of the BMP's and overall water quality status of the lake and tributaries.

Study Area Big Birch Lake outlet, Big Birch Lake (five sites), Fish Creek, Bass Creek and Callahan Creek.

Project Design Samples are sent to Braun Intertec and RMB labs.
2007 update: Samples are also sent to DHIA Central Laboratories and Cloud Water Treatment Plant.

Project Summary

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Project Design Parameters collected for lakes include total phosphorus, ortho-phosphorus, total suspended solids, chlorophyll-a, dissolved oxygen, pH, and secchi (with TKN, NH4 and NO3 sampled through 2002).

2006-09 updates: Parameters also collected for lakes include turbidity, transparency, chloride, depth and temperature.

2007 updates: Parameters collected for lakes also include conductivity and total kjedahl nitrogen.

Parameters collected for streams include total phosphorus, ortho-phosphorus, total suspended solids, dissolved oxygen and chloride (with TKN, NH4 and NO3 sampled through 2002).

2006-09 updates: Parameters collected for streams also include temperature, depth, fecal coliform and e-coli occassionally.

2007 updates: Parameters collected for streams also include ammonia+nitrogen.

2007 updates: Flow measurements taken with Marsch McBirney portable flowmeter or Sontek Flow Tracker.

Streams samples are collected by grab samples, or Van Dorn Samplers in high flows. Lake samples were collected monthly by a six foot profile or six foot integrated sampler.

2005-08 updates: Continuous water elevation data is collected electronically for streams. SOPs and QAPP submitted as appendices in workplans for each grant. Flow measurements taken with Marsch McBirney portable flowmeter.

2006-09 updates: Accoustic Doppler RiverCat and permanent velocity meters.

Obtain Plan Citation Title: Big Birch Lake Watershed Management Project Continuation.
Publishing Organization: Sauk River Watershed District
Publishing Year: 2007

Assigned Stations

Station ID	Station Name
77-0084-01	BIG BIRCH (NORTH)
77-0084-02	BIG BIRCH (SOUTH)
S001-106	UNN CK BTWN BIG AND LITTLE BIRCH LK AT UNN RD
S001-107	UNN CK TO BIG BIRCH AT MN-2 1.5 M S OF GREY EAGL
S001-108	UNN CK TO B BIR AT MN-47 2.5 MI SE OF GREY EAGLE
S001-109	FISH CK AT MN-47 3.5 M SE OF GREY EAGLE
S001-389	FISH CK 4 MI SE OF GREY EAGLE
S001-500	UNN TRIB TO FISH CK, 6 MI SE OF GREY EAGLE
S001-501	FISH CK AT CR 229 BRG, 6 MI SE OF GREY EAGLE
S003-322	OUTLET TO LITTLE BIRCH L AT CSAH-8, 3 MI SW GREY EAGLE, MN

Project BIGKANDI Big Kandiyohi Lake

Start Date 05/01/2006 **Planned Duration** 1 year

Purpose Condition

Project Design Minnesota Valley Testing Laboratory

Sample Collection Methods:

Project Summary

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Project Design Surface water grab

Obtain Plan Citation for Plan:

Steve Heiskary
MPCA
520 Lafayette Road
St. Paul, MN 55155
steve.heiskary@pca.state.mn.us
651-296-7217

Assigned Stations

Station ID	Station Name
34-0086	BIG KANDIYOHI

Project BIGSAUKL Big Sauk Lake Watershed Basin Restoration Project 319 funded

Start Date 07/01/2005 **Planned Duration** 3 years

Purpose Funded by the Big Sauk Lake Basin Restoration Project 319 (grant #28439).

The purpose of this project is to reduce the nutrient loading to Big Sauk Lake by implementing Best Management Practices throughout the watershed. The water quality monitoring is conducted to determine the effectiveness of the BMPs and overall water quality status of the lake and its tributaries.

The Phase II of this grant will be completed September 2004, but another grant application is being worked on.

Big Sauk Lake Watershed Basin Restoration Project has had several grants: 1. Big Sauk Lake Basin Restoration Project 319 funding (grant #28439 diagnostic); 2. Sauk Lake Watershed Basin Restoration Project (grant #4114); 3. Sauk Lake Basin Restoration Project Continuation (grant #4114-01).

Associated with the SRWD Program in STORET.

Study Area Ashley Creek, Hoboken Creek, Silver Creek, Sauk River Inlet to Sauk Lake, and Sauk Lake Inlake sites.
Update 2007: Sauk Lake outlet and Ashley Creek

Project Design Field Procedure Info: Grab samples in streams and used Van Dorn Sampler during high flows. Used integrated sampler (6 feet) for lake profiles. Grab samples in streams and used Van Dorn Sampler during high flows. SOPs and QAPP submitted as appendices in workplans for each grant.

Field Measurements: Chlorophyll A, Total Phosphorus, Ortho Phosphorus, Total Suspended Solids, Dissolved Oxygen, pH, Secchi, Transparency, chloride, Total Kjeldahl Nitrogen, depth, temperature (NH₄, NO₃ until 2002). For streams: Total Phosphorus, Ortho Phosphorus, Total Suspended Solids, Dissolved Oxygen, Ammonia+nitrogen, chloride, temperature, depth, fecal coliform and e-coli occasionally (NO₃, until 2002), flow measurements taken with Marsh McBirney portable flowmeter. Acoustic Doppler RIVERCAT and stream Velocity Meter.

Obtain Plan Citation: Title: Sauk Lake Basin Restoration Project Continuation Workplan (grant #4114-01)
Author: Sauk River Watershed District
Publishing Organization: Sauk River Watershed District
Publication Year: 2005

Assigned Stations

Station ID	Station Name
77-0150-01	SAUK (SW BAY)

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Station ID	Station Name
77-0150-02	SAUK (NORTH BAY)
S000-373	SAUK R. AT CO. RD. 186 BRIDGE AT SAUK CENTER
S000-503	SAUK R AT CSAH-4 IN ST CLOUD
S000-552	SAUK R. AT CSAH-2 BRIDGE, INLET TO SAUK LAKE
S002-654	HOBOKEN CK AT WILLOW ST. (HICKMAN DR) IN SAUK CENTRE
S003-290	SILVER CK AT CR-9, 5 MI NW OF SAUK CENTRE, MINNESOTA
S003-292	SAUK R AT CR-2, 2.2 M S OF LITTLE SAUK, MINNESOTA
S003-522	ASHLEY CREEK AT CR-9, 3 MI SE OF WEST UNION, MINNESOTA
S003-523	HOBOKEN CK AT CR-72, 1 MI NW OF SAUK CENTRE, MINNESOTA
S003-870	ASHLEY CK AT 470TH AVE, 4.0 MI NE OF WESTPORT, MN
S003-871	ASHLEY CK AT TR-130, 0.76 MI NW OF WESTPORT, MN
S003-872	ASHLEY CK AT CSAH-72, 4.9 MI NW OF SAUK CENTRE, MN
S003-874	HOBOKEN CK AT CR-184, 1.4 MI W OF SAUK CENTRE, MN
S003-875	HOBOKEN CK AT MN-28, 2.9 MI SW OF SAUK CENTRE, MN
S003-876	UNN TRIB TO HOBOKEN CK AT CR-183, 5.2 MI SW SAUK CENTRE, MN
S003-877	HOBOKEN CK AT CSAH-18, 5.1 MI SW OF SAUK CENTRE, MN
S003-884	UNN TRIB TO SILVER CK AT CR-182, 2 MI SE OF WEST UNION, MN
S003-885	UNN TRIB TO SILVER CK AT CR-189, 2.6 MI S OF WEST UNION, MN
S003-886	SILVER CK AT CSAH-51, 1.9 MI SE OF WEST UNION, MN
S003-888	SAUK R AT UNN ST, 1.1 MI S OF LITTLE SAUK, MN
S003-890	SAUK R AT CSAH-11, 2.7 MI W OF LITTLE SAUK, MN
S003-891	SAUK R AT UNN ST, 2.6 MI NE OF WEST UNION, MN
S003-892	SAUK R AT CSAH-4, 3.3 MI E OF OSAKIS, MN
S004-129	SAUK LK INLET ON US-71, 5 MI N OF SAUK CENTRE
S004-625	ASHLEY CR AT CSAH 11, 3 MI NW OF SAUK CENTRE, MN

Project	BLACKDOG	Black Dog Lake Outlet
	Start Date	06/15/2008
	Planned Duration	3 months
	Purpose	Problem investigation of Black Dog Lake and sedimentation pollution from this lake into the Minnesota River.
	Project Design	Sample Collection Methods: Weighted bucket, telescoping rod
		Field Measurements: Transparency with t-tube, temperature, conductivity, DO, pH and turbidity with Quanta meter.
		Turbidimeter: Quanta
		Probe: Hydrolab
		Lab Information: MDH
Assigned Stations		
	Station ID	Station Name
	S000-086	MINNESOTA R AT MN-77 BRG IN BLOOMINGTON
	S003-455	BLACK DOG LK OUTLET, 0.25 MI E OF I-35W IN BURNSVILLE, MN

Project Summary

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Station ID	Station Name
S003-505	MN R AT END OF LYNDAL AVE, IN BLOOMINGTON, MN
S005-003	UNN STR (BLK DOG OTLT), .15 MI UPSTR OF MN-77 IN BLOOMINGTON

Project BLUEARTH Blue Earth River Basin Fecal Coliform TMDL

Start Date 12/01/2003 **Planned Duration** 08-31-2006

Purpose Development of a fecal coliform TMDL for the Blue Earth River Basin.

Study Area S001-231, USGS 05320270, S000-340, and S001-210.

Project Design Grab samples are collected with a bucket from the Little Cobb, Blue Earth and LeSueuer River sites. Grab samples with a bucket are collected during higher flows at the Beauford site. In 2004 a bucket was used to collect low flow samples at the Beauford site.

In 2004, project staff did a t-tube reading with every sample collection. In 2005, temperature data will be collected at the Beauford site using a field meter.

Obtain Plan Matteson, Scott. "Work Plan for Blue Earth Basin Fecal Coliform TMDL." Water Resources Center, Minnesota State University, Mankato. 2004.

Assigned Stations

Station ID	Station Name
S000-231	WOODBURY CK AT MN-105 3 MI W OF LYLE
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S001-210	UNN TRIB TO BIG COBB R, SH22 .5 MI N BEAUFORD
S001-231	BLUE EARTH RIVER 150 FT DNST OF RAPIDAN DAM
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN

Project BLUFF-L Bluff Creek Watershed TMDL

Start Date 06/01/2008 **Planned Duration** 1 year

Purpose Problem investigation and TMDL development

Project Design Sample Collection Methods: Grab sample

Field Measurements: Turbidity w/ turbidimeter; dissolved oxygen and temperature w/Aanderaa Oxygen Optode Sensor

Turbidimeter Make and Model: FTS DTS-12

Gage Type: CSI CR-1000 Datalogger
Probe Make and Model: CSI CS445-L Pressure Transducer

Laboratory Name: MDH

Obtain Plan

Quality Assurance Title: QAPP
Author: Roger Fisher, MPCA
Publication Year: 2008
Volume and Page No. Revision 0,35 pages

Assigned Stations

Station ID	Station Name
S004-963	BLUFF CK AT CSAH-14 (PIONEER TRAIL), 2.5 MI N OF SHAKOPEE
S005-328	BLUFF CK AT RICE LK OUTLET, .5 MI S OF FLYING CLOUD DR

Project Summary

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Station ID	Station Name
S005-329	BLUFF CK AT MN R CONFLUENCE, .5 MI N OF MN-101 IN SHAKOPEE

Project BSAL Big Sandy Area Lakes Watershed Management Project

Start Date 01/01/1967 **Planned Duration** Ongoing

Purpose Big Sandy Area Lakes Watershed Management Project (CWP Continuation) Baseline Monitoring

2008 update: Start Date: 7-1-2006, Duration 3 years.

Study Area Big Sandy Lake Watershed in Aitkin, Carlton, and St. Louis Counties.

Project Design Sample Collection: Grab with weighted bucket, Integrated Sampler, Secchi Disk, Transparency Tube.

Field Measurements: Temperature, Specific Conductance, Salinity, Dissolved Oxygen, pH with YSI Sonde 6820.

Obtain Plan Big Sandy Area Lakes Watershed Management Project, Plan of work - MPCA Clean Water Partnership Continuation Grant.

Author - Janet Smude
Publishing Organization - Aitkin County Board of Commissioners
Publication Year - 2006
Volume and Page No. Pages 19-21

Assigned Stations

Station ID	Station Name
01-0023	ROUND
01-0062	BIG SANDY
01-0071-01	DAVIS (MAIN BASIN)
09-0057	EAGLE
09-0060-01	ISLAND (NORTH BAY)
09-0060-02	ISLAND (SOUTH BAY)
09-0062	CROSS
09-0063	WOODBURY
09-0064	FLOWER
09-0066	LONG
09-0067	TAMARACK
69-0848	PRAIRIE
S001-577	PRAIRIE R AT CSAH-51 BRG, 9.5 MI S OF FLOODWOOD
S001-578	SANDY R AT MN-210 BRG, 3.5 MI W OF TAMARACK
S002-442	MINNEWAWA CK AT MN-65, 5 MI N OF MCGREGOR, MN
S002-443	CNTY DT 42 AT MN-210, 1.3 MI E OF MCGREGOR, MN
S002-444	SAVANNA R AT CSAH-14, 7 MI NE OF SHESHABEE, MN
S002-445	PRAIRIE R AT 140TH AVENUE 7 MI NE OF SHESHABEE, MN
S002-446	PRAIRIE R AT 145TH AVENUE 6.5 MI NE OF SHESHABEE, MN
S002-628	MINNEWAWA CR AT CR-6, 6 MI N OF MCGREGOR

Project Summary

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Station ID	Station Name
S002-629	SANDY R AT SH-65, .75 MI N OF MCGREGOR
S002-630	SANDY R A CR-73, 1 MI W OF MCGREGOR
S002-631	MINNEWAWA CK AT CR-73, 5 MI NE OF MCGREGOR
S002-632	TAMARACK R AT CR-20, 2 MI NW OF WRIGHT
S002-791	SANDY R IN SALO WMA, 3 MI SE OF TAMARACK
S003-305	SANDY R AT CSAH 232, 3.5 MI W OF SHESHEBEC, MINNESOTA
S003-306	SANDY R AT CR-62, 2.8 MI NW OF MCGREGOR, MINNESOTA
S003-319	HORSESHOE L INLET AT CSAH-40, 9.4 MILES NE OF MCGREGOR, MN
S003-453	TAMARACK R AT CR-127, 0.76 M WNW OF WRIGHT, MN
S003-485	CD-42 (AKA CD-5) AT CR-8, 0.8 M S OF MCGREGOR, MINNESOTA
S003-486	CD-42 (AKA CD-5) AT MN-65, 1 M SE OF MCGREGOR, MINNESOTA
S003-488	SANDY R AT UNN ST, 2.7 MI SE OF TAMARACK, MINNESOTA
S003-489	SANDY R AT DNR PUBLIC ACCESS RD, 4.7 MI W SHESHEBEC, MN
S003-491	SANDY R AT MN-65, 2.3 MI NW OF MINNEWAWA, MN
S003-524	SANDY R AT KESTREL AVE, 2.5 MI SW OF TAMARACK, MINNESOTA
S003-525	SANDY R W OF SALO MARSH WEIR, 3.3 MI SE OF TAMARACK, MN
S003-612	MINNEWAWA CK AT GRAYLING MARSH WEIR, 2.9 MI S SHESHEBEC, MN
S003-613	MINNEWAWA CK 1/4 MI S GRAYLING WEIR, 3 MI SSW OF SHESHEBEC
S003-614	MINNEWAWA CK NE OF GRAYLING WEIR, 2.8 MI S SHESHEBEC, MN
S004-613	PRAIRIE R AT CSAH-14, 10 MI NNE OF MCGREGOR, MN

Project	BSANDY-L	Bis Sandy Area lakes Nutrient Impairment TMDL Study
	Start Date	06/04/2008
	Planned Duration	1 year
	Purpose	Problem Investigation
	Study Area	Big Sandy Lake Watershed, Sampling Locations in Aitkin County.
	Project Design	Laboratory: ERA Laboratories, Inc.
		Field Procedure Information: Sample Collection Method and Gear - Grab with weighted bucket, Integrated Sampler, Secchi Disk, Transparency Tube, Kemmerer Water Sampler. Field Measurements Methods and Instrumentation - Temperature, Specific Conductance, Salinity, Dissolved Oxygen, pH with WSI Sonde 6820.
	Obtain Plan	Citation: Title - Big Sandy Area Lakes Nutrient Impairment TMDL Study Plan of Work - Big Sandy Area Lakes Nutrient Impairment TMDL Study Contract Attachment A Author - Steve Hughes Publishing Organization - Aitkin County SWCD Publication Year - 2008

Project Summary

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Assigned Stations

Station ID	Station Name
01-0033	MINNEWAWA
01-0034	HORSESHOE
01-0062	BIG SANDY
S002-444	SAVANNA R AT CSAH-14, 7 MI NE OF SHESHABEE, MN
S002-445	PRAIRIE R AT 140TH AVENUE 7 MI NE OF SHESHABEE, MN
S002-446	PRAIRIE R AT 145TH AVENUE 6.5 MI NE OF SHESHABEE, MN
S002-629	SANDY R AT SH-65, .75 MI N OF MCGREGOR
S003-491	SANDY R AT MN-65, 2.3 MI NW OF MINNEWAWA, MN
S004-613	PRAIRIE R AT CSAH-14, 10 MI NNE OF MCGREGOR, MN

Project BSANDYR Aitkin - Big Sandy River Turbidity TMDL

Start Date 06/08/2007 **Planned Duration** Unknown

Purpose Aitkin - Big Sandy River Turbidity TMDL Condition Monitoring

Study Area Aitkin - Big Sandy River

Project Design Sample Collection: SIM
Field Measurements - Methods and Instrumentation: Temp, Cond. Sal., pH, D.O., Turb. with YSI Sonde and T-Tube.

2007: Used 120 cm transparency tube

Assigned Stations

Station ID	Station Name
S000-153	MISSISSIPPI RIVER AT JACOBSON
S000-154	MISSISSIPPI R AT MN-6 BRIDGE 8 MI SW OF COHASSET
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-635	MISSISSIPPI R USH169 BRIDGE IN GRAND RAPIDS
S003-654	MISSISSIPPI R AT CR-18, 5.7 MI SW OF DEER RIVER, MINNESOTA
S003-655	MISSISSIPPI R AT CSAH-3, 5.9 MI S OF DEER RIVER, MINNESOTA
S003-663	MISSISSIPPI R AT MN-232, 0.3 MI SE OF PALISADE, MN
S004-514	MISSISSIPPI R AT CSAH-10, 14.5 MI NE OF PALISADE, MN
S004-515	MISSISSIPPI R AT CSAH-10, 6.25 MI NE OF PALISADE, MN

Project BSAUKL-L Sauk Lake Nutrient TMDL Project

Start Date 01/01/2005 **Planned Duration** 2009

Purpose Funding 2007 - data collection is funded with CWLA grant.
Funding 2008 - data collection is funded with CWLA grant.

The purpose of the Big Sauk Lake Watershed Basin Restoration Project is to reduce the nutrient loading to Big Sauk Lake by implementing Best Management Practices throughout the watershed. The water quality monitoring is conducted to determine the effectiveness of the BMP's and overall water quality status of the lake and tributaries.

Study Area Sauk River Watershed District

Sauk Lake outlet and Ashley Creek

Project Summary

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Study Area 2008: Headwaters of the Sauk River, Big Sauk Lake, Ashley Creek ,and Hoboken Creek.

Project Design Field Procedure Info: Grab samples in streams and used Van Dorn Sampler during high flows. Used integrated sampler (6 feet) for lake profiles. Grab samples in streams and used Van Dorn Sampler during high flows. SOPs and QAPP submitted as appendices in workplans for each grant.

Field Measurements: Chlorophyll A, Total Phosphorus, Ortho Phosphorus, Total Suspended Solids, Dissolved Oxygen, pH, Secchi, Transparency, chloride, Total Kjeldahl Nitrogen, depth, temperature (NH₄, NO₃ until 2002). For streams: Total Phosphorus, Ortho Phosphorus, Total Suspended Solids, Dissolved Oxygen, Ammonia+nitrogen, chloride, temperature, depth, fecal coliform and e-coli occasionally (NO₃, until 2002), flow measurements taken with Marsh McBirney portable flowmeter. Acoustic Doppler RIVERCAT and stream Velocity Meter.

2008: RMB Environmental Laboratories, Inc.
 2008 Sample Collection Method and Gear: 6 foot profiler, Van Dorn sampler.
 2008 Field Measurements-Methods and Instrumentation: YSI Hydroprobe: DO, temp, conductivity, depth, pH; transparency with Secchi disc, transparency tube.
 2008 Turbidimeter: Flow Tracker and River.
 2008 Gage Type and Probe Make/Model: CAT; YSI 6820.

Obtain Plan Citation: Title: Sauk Lake Basin Restoration Project Continuation Workplan (grant #4114-01)
 Author: Sauk River Watershed District
 Publishing Organization: Sauk River Watershed District
 Publication Year: 2005

Assigned Stations

Station ID	Station Name
77-0150-01	SAUK (SW BAY)
77-0150-02	SAUK (NORTH BAY)
S000-373	SAUK R. AT CO. RD. 186 BRIDGE AT SAUK CENTER
S000-552	SAUK R. AT CSAH-2 BRIDGE, INLET TO SAUK LAKE
S002-649	SAUK R AT CSAH 37 E SIDE LK OSAKIS NE OF OSAKIS
S002-654	HOBOKEN CK AT WILLOW ST. (HICKMAN DR) IN SAUK CENTRE
S003-522	ASHLEY CREEK AT CR-9, 3 MI SE OF WEST UNION, MINNESOTA
S003-870	ASHLEY CK AT 470TH AVE, 4.0 MI NE OF WESTPORT, MN
S003-871	ASHLEY CK AT TR-130, 0.76 MI NW OF WESTPORT, MN
S003-872	ASHLEY CK AT CSAH-72, 4.9 MI NW OF SAUK CENTRE, MN
S003-875	HOBOKEN CK AT MN-28, 2.9 MI SW OF SAUK CENTRE, MN
S003-876	UNN TRIB TO HOBOKEN CK AT CR-183, 5.2 MI SW SAUK CENTRE, MN
S003-877	HOBOKEN CK AT CSAH-18, 5.1 MI SW OF SAUK CENTRE, MN
S003-884	UNN TRIB TO SILVER CK AT CR-182, 2 MI SE OF WEST UNION, MN
S003-885	UNN TRIB TO SILVER CK AT CR-189, 2.6 MI S OF WEST UNION, MN
S003-891	SAUK R AT UNN ST, 2.6 MI NE OF WEST UNION, MN
S004-625	ASHLEY CR AT CSAH 11, 3 MI NW OF SAUK CENTRE, MN

Project BYLLESBY Bylesby Reservoir Phosphorus Study Project

Start Date 01/01/2001 **Planned Duration** Long-term

Project Summary

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Minnesota Pollution Control Agency

Purpose To sample Byllesby Resvoir as part of the Nutrient Study (319 project).
2004 - TMDL

The project ID changed from BYLL319 to BYLLESBY as of 7/20/2004.

Study Area Byllesby Reservoir

Assigned Stations

Station ID	Station Name
19-0006	BYLLESBY
19-0020	CHUB
S001-581	STRAIGHT R AT 2ND ST BRG, IN FARIBAULT
S001-582	CANNON R AT CANADA AVE, NEAR CSAH-47, 1 MILE NE OF WATERFORD
S001-766	CANNON R AT ABANDONED RD, 5 MI NW OF RED WING
S001-781	JD NO. 1 AT CSAH-18, 6 MI E OF WASECA
S001-783	CANNON R AT HULET AVE BRG IN FARIBAULT
S001-784	CANNON R, BRG AT 9TH ST N IN CITY OF CANNON FALLS
S001-785	PRAIRIE CK AT 310TH ST, 4 MI W OF CANNON FALLS
S001-786	CHUB CK, OLD STONE BRG COOPER AVE, 1 MI W US-56 AT RANDOLPH

Project C-L-M Crystal Loon and Mills Lakes WQ Improvement Project (a CWP)

Start Date 01/01/1995 **Planned Duration** 12-31-1997

Purpose Crystal Loon and Mills Lakes WQ Improvement Project (a CWP). This project was designed for condition and problem investigation.

2008: Project Manager has changed from Lee Ganske to Paul Davis.

Study Area Crystal, Loon and Mills Lakes, as well as County Ditch 56, and the tile and storm sewer inlets to the lakes.

Project Design Stream samples are collected by grab and automatic sampling, whereas lakes are sampled with a two-meter integrated sampler.

Obtain Plan Blue Earth County Environmental Services

Assigned Stations

Station ID	Station Name
07-0096	LOON
07-0097	MILLS
07-0098	CRYSTAL
S001-983	CD 56 AT CSAH-9 IN S END OF LAKE CRYSTAL, MN

Project CANNONWW Cannon River Wastewater Project

Start Date 05/03/2006 **Planned Duration** 06-30-2009

Purpose Condition and Problem Investigation

Obtain Plan Citation for Plan:

Beth Kallestad
Cannon River Watershed Partnership
8997 Eaves Avenue
Northfield, MN 55057

Project Summary

March 03, 2009 12:28:21

MNPCA1

Minnesota Pollution Control Agency

Obtain Plan 507-646-8400
beth@crwp.net

Assigned Stations

Station ID	Station Name
S001-668	CHUB CK, BRIDGE ON CSAH-47, 2.5 MI W OF RANDOLPH
S001-786	CHUB CK, OLD STONE BRG COOPER AVE, 1 MI W US-56 AT RANDOLPH
S002-533	CHUB CK AT CR-83. 0.2 MI S OF RANDOLPH, MN

Project CANNRV-S Cannon River Watershed CWLA Surface Water Assessment

Start Date 03/01/2007 **Planned Duration** 2 years

Purpose Condition
CWLA project

Project Design Sample Collection Methods: Grab

Field Measurements: pH, cond., temp, DO with hydrolab, transparency with t-tube

Obtain Plan Citation for Plan:

Pam Anderson
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155
pam.anderson@pca.state.mn.us
651-296-8544

Assigned Stations

Station ID	Station Name
40-0001	HORSESHOE
40-0009	SUNFISH
40-0010	DORA
40-0011	MABEL
40-0013	DIAMOND
40-0039	ROEMHILDTS
40-0048	SILVER
40-0051	FISH
40-0054	PERCH
40-0056	RAYS (CHARLES)
40-0059	ROUND
40-0061	TUSTIN
66-0008	CANNON
66-0010	WELLS
66-0014	DUDLEY
66-0015	KELLY
66-0029	FOX
66-0038	FRENCH
66-0045	SPRAGUE
66-0047	HUNT
66-0050	CARON

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Station ID	Station Name
66-0052	CEDAR
74-0023	BEAVER
81-0015	LOON
81-0055	REEDS
81-0058	TONER'S
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-038	CANNON R. CSAH-29 BY FARIBAULT
S000-543	CANNON RIVER AT STRAIGHT R. AT FARIBAULT
S001-396	CANNON R AT CSAH-1 BRG IN DUNDAS
S001-397	WOLF CK AT CSAH-8 BRG 1 MI SW OF DUNDAS
S001-436	LITTLE CANNON R 3 MI S OF SOGN, MN
S001-445	RICE CR W SIDE OF NORTHFIELD, MN
S001-446	UNNAMED TRIB 1 1/4 MI NW OF DUNDAS, MN
S001-582	CANNON R AT CANADA AVE, NEAR CSAH-47, 1 MILE NE OF WATERFORD
S001-586	WATERVILLE CK NEAR REED ST, 1 MI SE OF WATERVILLE
S001-762	CANNON R AT 5TH ST BRG IN NORTHFIELD
S001-766	CANNON R AT ABANDONED RD, 5 MI NW OF RED WING
S001-782	CANNON R AT PEDESTRIAN BRG, E OF CSAH-1, 1 MI S OF DUNDAS
S001-783	CANNON R AT HULET AVE BRG IN FARIBAULT
S001-847	UN TRIB TO COTTONWOOD CK, 1/4 MI N CSAH-38, 1 MI NE HOLLOWAY
S001-934	CANNON R AT PIER IN TWO RIVERS PK IN FARIBAULT, MN
S001-935	HEATH CR 7.25 MI W OF NORTHFIELD, MN
S001-936	TROUT BK 4 MI S OF MIESVILLE, MN
S001-939	LITTLE CANNON R, 1.2 MI SW OF CANNON FALLS, MN
S002-530	PINE CK AT 280 ST. 2.5 MI N OF CANNON FALLS, MN
S002-532	BELLE CK AT ALL TERRAIN VEHICLE BRG 6.3 MI SW OF RED WING MN
S003-009	CRANE CK AT CSAH-22 1.5 MI S OF MEDFORD
S003-015	STRAIGHT R AT SW 28TH ST 1 MI SW OF OWATONNA
S003-016	TURTLE CK AT CSAH-45 3 MI S OF OWATONNA
S003-487	CANNON R AT CSAH 16 BRG IN MORRISTOWN
S004-388	BELLE CK AT CSAH-8 BRG, 6.5 MI W OF GOODHUE
S004-389	HEATH CK JUST E OF EDGEBROOK DR, W OF NORTHFIELD
S004-711	STRAIGHT R AT NORTH ST BRG IN OWATONNA
S004-843	UNN STR (CROCKER'S CK) AT 7TH ST AND WILSON AVE N FARIBAULT
S004-844	CANNON R AT N 3RD ST, DWNSTR OF L CANNON R IN CANNON FALLS
S004-845	DEVIL'S CK AT CSAH-16, 2 MI NW OF MORRSTOWN
S004-846	FALLS CK, 1/8 MI N OF MN-60, 1 MI E OF FARIBAULT
S004-847	CD-63 (L DORA CK) AT CSAH-3, S OF MN-99, JUST NE OF DOYLE
S004-848	MACKENZIE CK AT 240TH ST W, 4.5 MI NE OF MORRISTOWN
S004-849	UNN STR (N GROVE CHURCH CK) AT MN-3, 3.5 MI N OF

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Station ID	Station Name
S004-877	FARIBAULT WHITEWATER CK AT CSAH-3 IN WATERVILLE
S004-878	UNN STR (RIVERSIDE CEMETERY CK) AT CSAH-15, E OF MORRISTOWN
S004-917	UNN CK (SPRING CK) AT MN-19 IN NORTHFIELD

Project CARLSWCD Carlton County SWCD

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose County water monitoring program

Assigned Stations

Station ID	Station Name
S002-600	SKUNK CR 50 FT U/S CR103, 8 MI NW OF HOLYOKE
S002-601	ELIM CR 75 FT D/S RR CROSSING, SECTION 33
S002-602	DEER CR 75 FT U/S SH23, 5.5 MI S OF WRENSHALL

Project CARMAR-S Carnelian Marine St. Croix Watershed Dist Water Monitoring

Start Date 03/20/2008 **Planned Duration** 1 year

Purpose Condition monitoring.

Study Area Carnelian Marine-St. Croix Watershed District

Project Design Sample Collection Methods: see WCD SOP at http://www.mnwcd.org/water_monitoring_standards.php

Field Measurements: temperature/DO with YSI 550A, specific cond. with Oakton ECTestr, pH/cond with Oakton PCTestr3, transparency with t-tube, macroinverts with D-nets.

Laboratory Name:

Metropolitan Council Environmental Services
2400 Childs Road
St. Paul, MN 55106
Contact Name: Dave Fuchs
651.602.8115
dave.fuchs@metc.state.mn.us

Obtain Plan Citation for Plan:

Travis Thiel
Washington Conservation District
1380 W. Frontage Road, Hwy 36
Stillwater, MN 55082
651.275.1136
travis.thiel@mnwcd.org

Assigned Stations

Station ID	Station Name
82-0033	MAYS
82-0045	CLEAR
82-0048	TWIN (SOUTH BASIN)
S004-884	UNN STR AT QUINNEL AVE, 4 MI N OF MARINE ON ST. CROIX

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Station ID	Station Name
S004-885	UNN STR (MILL STR) AT JUDD ST IN MARINE ON ST. CROIX
S004-886	UNN STR (SWEDISH FLAG CK) AT QUINNEL AVE
S004-887	UNN STR (WILLOW BK) 2 MI S OF MARINE ON ST. CROIX

Project CARVBEV Carver and Bevens Creek TMDLs

Start Date 10/01/2003 **Planned Duration** Through 2008

Purpose To determine TMDLs for Carver and Bevens (including silver) Creek Watersheds. (Fecal Coliform, Chloride, Turbidity).

Part of the Carver County STORET Program.

Assigned Stations

Station ID	Station Name
S000-825	BEVENS CR.,CSAH-41 BY EAST UNION
S000-843	SILVER CR.,CSAH-41 BY EAST UNION
S002-486	BENTON LK OUTLET AT MN-284, IN BENTON, MN
S002-488	CARVER CK AT CSAH-40, 1.1 MI SW OF CARVER, MN
S002-489	CARVER CK AT US-212, 2.5 MI E OF COLOGNE, MN
S002-490	CARVER CK AT CR-140, 2.3 MI NE OF BENTON, MN
S002-491	GOOSE LK OUTLET AT CSAH-10, 0.6 MI N OF MAPLE, MN
S002-492	TRIB TO CARVER CK AT CSAH-10, 1.5 MI SE OF WACONIA, MN
S002-493	CARVER CK AT CSAH-51, 1.1 MI S OF HYDES LAKE, MN
S002-494	TRIB TO CARVER CK AT 122ND ST, 3.2 MI NW OF COLOGNE, MN
S002-495	CARVER CK AT MN-284, 1.6 MI N OF COLOGNE, MN
S002-496	CARVER CK AT KNAVER AVE, 2 MI SE OF HYDES LAKE, MN
S002-497	TRIB TO CARVER CK AT MN-25, 1.9 MI NE OF NORWOOD YNG AMERICA
S002-499	SPRING CK ON 6TH ST, IN CARVER, MN
S002-500	GOOSE LK INLET, AT CSAH-30, 1.9 MI SE MAYER, MN
S002-502	WACONIA LK OUTLET ON CSAH-30, 0.7 MI NW OF WACONIA, MN
S002-503	WACONIA LK INLET AT N SHORE RD, 1 MI E MAPLE, MN
S002-504	BENT CK AT MN-5, 1.3 MI SW OF WACONIA, MN
S002-505	BEVENS CK 100 YDS UPST OF CSAH-40, 0.4 MI S EAST UNION, MN
S002-506	BEVENS CK 100YD DNST OF CSAH-50, 1.3 MI W OF EAST UNION, MN
S002-507	BEVENS CK 100YD UPST OF CSAH-50, 1.3 MI W OF EAST UNION, MN
S002-508	BEVENS CK AT MAPLEWOOD RD, 1.7 MI NW OF EAST UNION, MN
S002-511	BEVENS CK AT CSAH-33, 3.3 MI SE OF NORWOOD YOUNG AMERICA, MN
S002-512	TRIB TO CARVER CK AT CSAH-43, 1.6 MI N OF EAST UNION, MN
S002-514	TRIB TO SILVER CK AT CSAH-53, 1.7 MI S OF GOTHA, MN
S002-515	SILVER CK AT CSAH-52, 2.2 MI SE OF GOTHA, MN
S002-516	BEVENS CK AT 321ST AVE, 3 MI SE OF HAMBURG, MN
S002-517	BEVENS CK AT MN-5 AND CSAH-15, 0.4 MI S OF GREEN ISLE, MN
S002-518	BEVENS CK AT CSAH-16, 3 MI SE OF HAMBURG, MN

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Minnesota Pollution Control Agency

Station ID	Station Name
S002-520	TRIB TO CO DT 4A AT TACOMA AVE, 1 MI SE OF NORWOOD YNG AMERI
S002-539	BEVENS CK AT RICE AVE, 3.9 MI SE OF NORWOOD YNG AMERICA, MN
S002-549	BEVENS CK 100 YDS DNST OF CSAH-40, 0.4 MI S EAST UNION, MN
S003-547	HYDES L OUTLET AT MN-5, 2.7 MI NE OF NORWOOD YOUNG AMERICA
S003-548	HYDES L INLET AT 102ND ST, 3.3 MI SW OF WACONIA, MN
S003-549	REITZ L SW INLET 0.3 MI S OF REITZ L RD2, 2.3 MI SE WACONIA
S003-550	BERLINER L INLET AT CSAH-25, 1.5 MI S OF MAYER, MINNESOTA
S003-551	CARVER CK AT CR-43 (03MN030), 1.6 MI N OF EAST UNION, MN

Project CARVER-L Carver County Turbidity and Excess Nutrients TMDL

Start Date 03/13/2006 **Planned Duration** 06-30-2009

Purpose To determine TMDLs for impaired lakes in Carver County.

This project is funded with CWLA funds for 2008 monitoring.

Project ID: 5476
Contract #: A85727

Prior to 2008, stations included in this project belonged to projects in the CARVER_B Program.

1/4/07:
New sites added.
To investigate and restore surface waters listed on the impaired waters list.
Carver County Excess Nutrients and Turbidity TMDL project CFMS #A85727

Part of the Carver County STORET Program.

5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Assigned Stations

Station ID	Station Name
S000-825	BEVENS CR.,CSAH-41 BY EAST UNION
S000-843	SILVER CR.,CSAH-41 BY EAST UNION
S001-761	E CHASKA CK IN CHASKA
S001-827	CROW R S FK, E OF CR-123, 2 MI N OF MAYER
S002-486	BENTON LK OUTLET AT MN-284, IN BENTON, MN
S002-488	CARVER CK AT CSAH-40, 1.1 MI SW OF CARVER, MN
S002-489	CARVER CK AT US-212, 2.5 MI E OF COLOGNE, MN
S002-490	CARVER CK AT CR-140, 2.3 MI NE OF BENTON, MN
S002-491	GOOSE LK OUTLET AT CSAH-10, 0.6 MI N OF MAPLE, MN
S002-492	TRIB TO CARVER CK AT CSAH-10, 1.5 MI SE OF WACONIA, MN
S002-494	TRIB TO CARVER CK AT 122ND ST, 3.2 MI NW OF COLOGNE, MN
S002-496	CARVER CK AT KNAVER AVE, 2 MI SE OF HYDES LAKE, MN
S002-498	EAGLE LK OUTLET AT VEGA AV, 3.4 MI NW OF NORWOOD YNG AMERICA

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S002-499	SPRING CK ON 6TH ST, IN CARVER, MN
S002-500	GOOSE LK INLET, AT CSAH-30, 1.9 MI SE MAYER, MN
S002-503	WACONIA LK INLET AT N SHORE RD, 1 MI E MAPLE, MN
S002-504	BENT CK AT MN-5, 1.3 MI SW OF WACONIA, MN
S002-505	BEVENS CK 100 YDS UPST OF CSAH-40, 0.4 MI S EAST UNION, MN
S002-509	BEVENS CK AT CSAH-53, 1.2 MI S OF COLOGNE, MN
S002-512	TRIB TO CARVER CK AT CSAH-43, 1.6 MI N OF EAST UNION, MN
S002-514	TRIB TO SILVER CK AT CSAH-53, 1.7 MI S OF GOTHA, MN
S002-515	SILVER CK AT CSAH-52, 2.2 MI SE OF GOTHA, MN
S002-516	BEVENS CK AT 321ST AVE, 3 MI SE OF HAMBURG, MN
S002-518	BEVENS CK AT CSAH-16, 3 MI SE OF HAMBURG, MN
S002-520	TRIB TO CO DT 4A AT TACOMA AVE, 1 MI SE OF NORWOOD YNG AMERI
S002-539	BEVENS CK AT RICE AVE, 3.9 MI SE OF NORWOOD YNG AMERICA, MN
S002-540	TRIB TO MN R AT STOUGHTON AVE, 1.2 MI NE OF CHASKA, MN
S002-541	TRIB TO MN R AT CARVER CO COURTHOUSE, IN CHASKA, MN
S002-548	W CHASKA CK, 250' W OF CTY RD 10, BEHIND VFW, IN CHASKA, MN
S003-547	HYDES L OUTLET AT MN-5, 2.7 MI NE OF NORWOOD YOUNG AMERICA
S003-548	HYDES L INLET AT 102ND ST, 3.3 MI SW OF WACONIA, MN
S003-549	REITZ L SW INLET 0.3 MI S OF REITZ L RD2, 2.3 MI SE WACONIA
S003-629	CROW R, S FK, AT CO RD33, 4.3 MI SE OF LESTER PRAIRIE, MN
S003-907	BENTON LK INLET AT COLOGNE WWTP IN COLOGNE
S003-908	WINKLER LK INLET AT 114TH ST, 3 MI NW OF COLOGNE
S003-909	EAGLE LK INLET AT CR-135, 1.5 MI NW OF YOUNG AMERICA
S003-910	MARIA LK OUTLET AT 150TH ST, 2.5 MI S OF COLOGNE
S004-225	UNN STRM (OAK L INLET) AT THE WESTERN INLET TO OAK LAKE
S004-226	UNN STRM (GAYSTOCK L OUTLET) AT CR-140, 3 MI W OF CHASKA
S004-227	UNN STRM (SWEDE L OTLET) AT SWEDE L RD, 3 MI SE OF WATERTOWN
S004-228	UNN STRM (HAZELTINE L OUTLET) AT LAKESHORE DR AT HAZELTINE
S004-229	UNN STRM (GAYSTOCK L INLET) AT CSAH-43, 4 MI W OF CHASKA
S004-230	UNN STRM (OAK L OUTLET), 2.5 MI E OF WATERTOWN
S004-231	CRANE CK AT CSAH-30, 2 MI SW OF NEW GERMANY

Project CARVERCK Carver Creek Water Quality Improvement Project

Start Date 05/01/1996 **Planned Duration** Ongoing

Purpose Monitoring sites were established by Carver County Environmental Services to assess current water quality conditions within the watershed.

The watershed received TMDLs for Carver and Bevens Creek, starting in the fall of 2003.

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose Part of the Carver County STORET Program.

5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Assigned Stations

Station ID	Station Name
10-0009	MINNEWASHTA
10-0059	WACONIA
10-0121	EAGLE
S002-486	BENTON LK OUTLET AT MN-284, IN BENTON, MN
S002-487	CARVER CK AT CSAH-40, 1 MI SW OF CARVER, MN
S002-488	CARVER CK AT CSAH-40, 1.1 MI SW OF CARVER, MN
S002-489	CARVER CK AT US-212, 2.5 MI E OF COLOGNE, MN
S002-490	CARVER CK AT CR-140, 2.3 MI NE OF BENTON, MN
S002-491	GOOSE LK OUTLET AT CSAH-10, 0.6 MI N OF MAPLE, MN
S002-492	TRIB TO CARVER CK AT CSAH-10, 1.5 MI SE OF WACONIA, MN
S002-493	CARVER CK AT CSAH-51, 1.1 MI S OF HYDES LAKE, MN
S002-494	TRIB TO CARVER CK AT 122ND ST, 3.2 MI NW OF COLOGNE, MN
S002-495	CARVER CK AT MN-284, 1.6 MI N OF COLOGNE, MN
S002-496	CARVER CK AT KNAVER AVE, 2 MI SE OF HYDES LAKE, MN
S002-497	TRIB TO CARVER CK AT MN-25, 1.9 MI NE OF NORWOOD YNG AMERICA
S002-498	EAGLE LK OUTLET AT VEGA AV, 3.4 MI NW OF NORWOOD YNG AMERICA
S002-499	SPRING CK ON 6TH ST, IN CARVER, MN
S002-500	GOOSE LK INLET, AT CSAH-30, 1.9 MI SE MAYER, MN
S002-501	PARLEY LK OUTLET AT GRIMM RD, 2 MI SE OF ST. BONIFACIUS, MN
S002-502	WACONIA LK OUTLET ON CSAH-30, 0.7 MI NW OF WACONIA, MN
S002-503	WACONIA LK INLET AT N SHORE RD, 1 MI E MAPLE, MN
S002-504	BENT CK AT MN-5, 1.3 MI SW OF WACONIA, MN
S002-512	TRIB TO CARVER CK AT CSAH-43, 1.6 MI N OF EAST UNION, MN

Project CARVERLK Carver County Lakes TMDLs (Excess Nutrients)

Start Date 04/01/1967 **Planned Duration** Ongoing

Purpose To determine TMDLs for impaired lakes in Carver County.

1/4/07:
New sites added.
To investigate and restore surface waters listed on the impaired waters list.
Carver County Excess Nutrients and Turbidity TMDL project CFMS #A85727

Part of the Carver County STORET Program.

5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Assigned Stations

Station ID	Station Name
S000-825	BEVENS CR.,CSAH-41 BY EAST UNION

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-843	SILVER CR.,CSAH-41 BY EAST UNION
S002-486	BENTON LK OUTLET AT MN-284, IN BENTON, MN
S002-488	CARVER CK AT CSAH-40, 1.1 MI SW OF CARVER, MN
S002-489	CARVER CK AT US-212, 2.5 MI E OF COLOGNE, MN
S002-490	CARVER CK AT CR-140, 2.3 MI NE OF BENTON, MN
S002-491	GOOSE LK OUTLET AT CSAH-10, 0.6 MI N OF MAPLE, MN
S002-492	TRIB TO CARVER CK AT CSAH-10, 1.5 MI SE OF WACONIA, MN
S002-494	TRIB TO CARVER CK AT 122ND ST, 3.2 MI NW OF COLOGNE, MN
S002-496	CARVER CK AT KNAVER AVE, 2 MI SE OF HYDES LAKE, MN
S002-498	EAGLE LK OUTLET AT VEGA AV, 3.4 MI NW OF NORWOOD YNG AMERICA
S002-500	GOOSE LK INLET, AT CSAH-30, 1.9 MI SE MAYER, MN
S002-503	WACONIA LK INLET AT N SHORE RD, 1 MI E MAPLE, MN
S002-504	BENT CK AT MN-5, 1.3 MI SW OF WACONIA, MN
S002-505	BEVENS CK 100 YDS UPST OF CSAH-40, 0.4 MI S EAST UNION, MN
S002-509	BEVENS CK AT CSAH-53, 1.2 MI S OF COLOGNE, MN
S002-512	TRIB TO CARVER CK AT CSAH-43, 1.6 MI N OF EAST UNION, MN
S002-514	TRIB TO SILVER CK AT CSAH-53, 1.7 MI S OF GOTHA, MN
S002-516	BEVENS CK AT 321ST AVE, 3 MI SE OF HAMBURG, MN
S002-518	BEVENS CK AT CSAH-16, 3 MI SE OF HAMBURG, MN
S002-520	TRIB TO CO DT 4A AT TACOMA AVE, 1 MI SE OF NORWOOD YNG AMERI
S003-547	HYDES L OUTLET AT MN-5, 2.7 MI NE OF NORWOOD YOUNG AMERICA
S003-548	HYDES L INLET AT 102ND ST, 3.3 MI SW OF WACONIA, MN
S003-549	REITZ L SW INLET 0.3 MI S OF REITZ L RD2, 2.3 MI SE WACONIA
S003-907	BENTON LK INLET AT COLOGNE WWTP IN COLOGNE
S003-908	WINKLER LK INLET AT 114TH ST, 3 MI NW OF COLOGNE
S003-909	EAGLE LK INLET AT CR-135, 1.5 MI NW OF YOUNG AMERICA
S003-910	MARIA LK OUTLET AT 150TH ST, 2.5 MI S OF COLOGNE
S004-225	UNN STRM (OAK L INLET) AT THE WESTERN INLET TO OAK LAKE
S004-226	UNN STRM (GAYSTOCK L OUTLET) AT CR-140, 3 MI W OF CHASKA
S004-227	UNN STRM (SWEDE L OTLET) AT SWEDE L RD, 3 MI SE OF WATERTOWN
S004-228	UNN STRM (HAZELTINE L OUTLET) AT LAKESHORE DR AT HAZELTINE
S004-229	UNN STRM (GAYSTOCK L INLET) AT CSAH-43, 4 MI W OF CHASKA
S004-230	UNN STRM (OAK L OUTLET), 2.5 MI E OF WATERTOWN

Project CASS-S Cass County Lakes Monitoring Program

Start Date 06/01/2008 **Planned Duration** 2 years

Purpose Lake Condition/202d Evaluation

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Study Area Cass County

Project Design Laboratory:
RMB Environmental Laboratories, Inc.

Field Procedure Information:
Sample Collection Method and Gear - Lake water column with integrated sampler.

Obtain Plan Local Project Manager:
John Sumption
Cass ESD
303 Minnesota Ave.
Walker, MN 56484
218-547-7241
218-547-7429
john.sumption@co.cass.mn.us

Assigned Stations

Station ID	Station Name
11-0062	THUNDER
11-0092	LITTLE SAND
11-0120-02	INGUADONA (S. BAY)
11-0133	SWIFT
11-0142-01	LONG (S OF MAIN)
11-0142-02	LONG (MAIN BASIN)
11-0143	BOY
11-0167	LITTLE BOY
11-0171-01	WABEDO (NE BAY)
11-0171-02	WABEDO (SW BAY)
11-0174	GIRL
11-0200	MULE
11-0201-01	BROADWATER BAY
11-0201-02	WOMAN (MAIN)
11-0203-01	LEECH (MAIN BASIN)
11-0203-02	LEECH (KABEKONA BAY)
11-0203-04	LEECH (SHINGOBEE BAY)
11-0232	HATTIE
11-0234	PONTO
11-0250	ADA
11-0257	ISLAND
11-0262	KID
11-0263	CHILD
11-0268	KERR
11-0270	TRILLIUM (LIZARD)
11-0274	BLACKWATER
11-0279	SAND
11-0281	BARNUM
11-0282	MANN
11-0371	STONY
11-0374	LARSON

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
11-0375	SURPRISE
11-0383	PLEASANT
11-0387	LITTLE WEBB
11-0411	PINE MOUNTAIN
11-0412	BIRCH
11-0476	PORTAGE

Project CASSWINI Cass Lake/Lake Winnibigoshish CWP

Start Date 04/01/1999 **Planned Duration** 04-01-2003

Purpose Problem investigation: study nonpoint source pollution, and develop an implementation plan to protect the aquatic resources within the watershed

Study Area Cass Lake/Lake Winnibigoshish

Assigned Stations

Station ID	Station Name
04-0030	CASS
04-0038	ANDRUSIA
04-0079	WOLF
11-0147	WINNIBIGOSHISH
S001-379	MIDGE LK OUTLET AT CR-101 BRG, 4 MI NW OF CASS LK, MN
S001-380	LITTLE WOLF LK OUTLET AT CR-101 BRG, 4 MI NW OF CASS LK, MN
S002-034	MISSISSIPPI R AT OTTERTAIL DAM ON CSAH-12, 4 MI E OF BEMIDJI
S002-035	MISSISSIPPI R ON CSAH-8, 5 MI NW OF CASS LAKE
S002-036	MISSISSIPPI R ON CSAH-33, 4 MI NW OF CASS LAKE
S002-037	MISSISSIPPI R (CASS LK OUT) BLW KNUTSON DAM 7.5 MI NE CASS L
S002-278	BIG LAKE CREEK ON CSAH-12, 7 MI E OF BEMIDJI
S002-279	CASTLE CK AT FOREST ROUTE 2171, 17 1/2 MI NE OF CASS LAKE
S002-280	CUTFOOT SIOUX CK AT MN-46, 17 MI NW OF DEER RIVER
S002-281	FARLEY CK AT CSAH-33, 22 MI NW OF DEER RIVER
S002-282	ISLAND CK AT FOREST ROUTE 2171, 17 MI NE OF CASS LAKE
S002-283	MISSISSIPPI R AT FOREST ROUTE 2171, 9 MI NE OF CASS LAKE
S002-284	MISSISSIPPI R AT LK WINNI OLT ON CSAH-9, 9 MI NE OF BENA
S002-285	PIGEON DAM, 1 MI SO. OF CSAH-33, 21 MI NW OF DEER RIVER
S002-286	PIKE BAY CREEK ON US-2 AT CASS LAKE
S002-287	RAVEN CREEK AT FOREST ROUTE 2171, 14 MI NE OF CASS LAKE
S002-288	SIMPSON CREEK AT CSAH-33, 19 MI NW OF DEER RIVER
S002-289	SUGAR CREEK AT FOREST ROUTE 2168, 12 MI NE OF CASS LAKE
S002-290	THIRD RIVER AT CSAH-33, 19 MI NE OF CASS LAKE
S002-291	TURTLE RIVER AT CSAH-12, 7 1/2 MI NO OF CASS LAKE
S003-921	N TURTLE R AT CSAH 20, 15 MI E NE OF BEMIDJI, MN

Project Summary

March 03, 2009 12:28:21

MNPCA1 Minnesota Pollution Control Agency

Project CCBEVENS Bevens Creek Grant Project

Start Date 05/01/1997 **Planned Duration** Ongoing

Purpose Assess the effectiveness of BMPs established within the watershed.

The watershed received TMDLs for Carver and Bevens Creek, starting in the fall of 2003.

Part of the Carver County STORET Program.

5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Assigned Stations

Station ID	Station Name
S000-821	BEVENS CR.,CSAH-40 BY EAST UNION
S000-825	BEVENS CR.,CSAH-41 BY EAST UNION
S000-843	SILVER CR.,CSAH-41 BY EAST UNION
S002-505	BEVENS CK 100 YDS UPST OF CSAH-40, 0.4 MI S EAST UNION, MN
S002-506	BEVENS CK 100YD DNST OF CSAH-50, 1.3 MI W OF EAST UNION, MN
S002-507	BEVENS CK 100YD UPST OF CSAH-50, 1.3 MI W OF EAST UNION, MN
S002-508	BEVENS CK AT MAPLEWOOD RD, 1.7 MI NW OF EAST UNION, MN
S002-509	BEVENS CK AT CSAH-53, 1.2 MI S OF COLOGNE, MN
S002-510	BEVENS CK AT 154TH ST, 3.3 MI SE OF HAMBURG, MN
S002-511	BEVENS CK AT CSAH-33, 3.3 MI SE OF NORWOOD YOUNG AMERICA, MN
S002-512	TRIB TO CARVER CK AT CSAH-43, 1.6 MI N OF EAST UNION, MN
S002-513	SILVER CK AT OHIO AVE, 3.3 MI SW OF GOTHAM, MN
S002-514	TRIB TO SILVER CK AT CSAH-53, 1.7 MI S OF GOTHAM, MN
S002-515	SILVER CK AT CSAH-52, 2.2 MI SE OF GOTHAM, MN
S002-516	BEVENS CK AT 321ST AVE, 3 MI SE OF HAMBURG, MN
S002-517	BEVENS CK AT MN-5 AND CSAH-15, 0.4 MI S OF GREEN ISLE, MN
S002-518	BEVENS CK AT CSAH-16, 3 MI SE OF HAMBURG, MN
S002-519	TRIB TO CO DT 4A AT STEWART AVE, 1.6 MI SE OF NORWOOD YNG AM
S002-520	TRIB TO CO DT 4A AT TACOMA AVE, 1 MI SE OF NORWOOD YNG AMERI
S002-539	BEVENS CK AT RICE AVE, 3.9 MI SE OF NORWOOD YNG AMERICA, MN
S002-549	BEVENS CK 100 YDS DNST OF CSAH-40, 0.4 MI S EAST UNION, MN
S003-629	CROW R, S FK, AT CO RD33, 4.3 MI SE OF LESTER PRAIRIE, MN
S003-907	BENTON LK INLET AT COLOGNE WWTP IN COLOGNE

Project CCECHASC East Chaska Creek Memorandum of Agreement

Start Date 05/01/2003 **Planned Duration** Five years

Purpose Assess the condition of streams in East Chaska Creek.

Part of the Carver County STORET Program.

Project Summary

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Minnesota Pollution Control Agency

Purpose 5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Assigned Stations

Station ID	Station Name
S001-761	E CHASKA CK IN CHASKA
S002-540	TRIB TO MN R AT STOUGHTON AVE, 1.2 MI NE OF CHASKA, MN
S002-541	TRIB TO MN R AT CARVER CO COURTHOUSE, IN CHASKA, MN

Project CCWCHASC West Chaska Creek Memorandum of Agreement

Start Date 04/09/1997 **Planned Duration** Ten years

Purpose Assess the condition of the West Chaska Creek Watershed.

Part of the Carver County STORET Program.

5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Assigned Stations

Station ID	Station Name
S002-548	W CHASKA CK, 250' W OF CTY RD 10, BEHIND VFW, IN CHASKA, MN

Project CCWOMP Carver Co./MCES Watershed Outlet Monitoring Program

Start Date 05/01/2001 **Planned Duration** Ongoing

Purpose Assess the water quality of watersheds within the Twin Cities metropolitan area.

Part of the Carver County STORET Program.

5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Assigned Stations

Station ID	Station Name
S000-165	S FK CROW RIVER SH-7 1 MI. N OF MAYER
S001-827	CROW R S FK, E OF CR-123, 2 MI N OF MAYER

Project CD319 319 Project for CD7 and CD32

Start Date 01/01/1967 **Planned Duration** Three years

Purpose Water Quality Improvement Project for County Ditch 7 and County Ditch 32. Effectiveness for BMP's implemented for the 319 Project.

Part of the CROWS STORET Program.

Study Area Statewide

Assigned Stations

Station ID	Station Name
S002-027	N FK CROW R ON CSAH-19, 5 MI E OF BELGRADE
S002-381	CROW R, N FK, AT CD 32 ON CSAH 27, 5.5 MI NE OF BROOTEN, MN
S002-382	CD32 ON 295TH ST, 4.8 MI NE OF BROOTEN, MN
S002-383	CROW R, N FK, AT CSAH 27, 4.5 MI NE OF BROOTEN, MN

Project Summary

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Station ID	Station Name
S002-384	SEDAN BRK AN IRONSDIE RD, 3.5 MI NE OF BROOTEN, MN
S002-385	SKUNK R AT BRG ON I-71, 3 MI NE OF BELGRADE, MN
S002-386	CD7 AT 275TH ST, 4.8 MI N OF BELGRADE, MN
S002-388	CD7 AT CSAH 13, 4.4 MI N OF BELGRADE, MN
S002-393	JD 1 NEAR CSAH 18 AT 47OTH AVE, 7 MI NE OF BROOTAN, MN

Project CEDAR-S Cedar River Watershed Stream Monitoring

Start Date 04/01/2008 **Planned Duration** 2 years

Purpose Surface Water Assessment

Study Area Cedar River

Project Design Sample Collection Methods: Bottle dip while wading if not possible open bucket method.

Field Measurements: pH, conductivity, DO, temp, turbidity with YSI and transparency with T-tube

Turbidimeter Make and Model: YSI 6136
Probe Make and Model: YSI 650MDS

Laboratory Information:

MVTL
1126 North Front Street
New Ulm, MN 56073
Contact Name: Jerry Balbach
1-800-782-3557
jbalbach@mvtl.com

Assigned Stations

Station ID	Station Name
S000-064	RED LAKE R. AT RED LAKE OUTLET
S000-229	ROSE CK AT CSAH-29 3 MI S OF AUSTIN
S000-803	CEDAR RIVER - 2.3 MI SE OF BLOOMING PRAIRIE
S000-804	E FORK CEDAR R ON CSAH-2 E OF BLOOMING PRAIRIE
S000-867	LITTLE FORK R BTN S20/29 5 MI W OF COOK
S000-869	LITTLE FORK R AT CR-914 IN S22 2.5 MI W OF COOK
S001-182	ROBERTS CK AT TWP RD 4.2 MI NW OF BROWNSDALE
S003-064	WOLF CK AT HWY 16 0.1 MI N OF AUSTIN
S003-067	ORCHARD CK AT HWY 105 S 4.5 MI S OF AUSTIN
S003-069	BLOOMING PRAIRIE TRIB 0.2 MI N OF CR 1 8.6 MI NW OF AUSTIN
S003-078	CEDAR R TRIB AT CR 2 IN LANSING 3.75 MI N OF AUSTIN
S004-867	MURPHY CK AT TAYLOR AVE IN MAPLEVIEW
S004-868	WOODBURY CK AT CSAH-6, 3.5 MI W OF LYLE
S004-869	JD-5 AT CSAH-25, 3.5 MI N OF AUSTIN
S005-282	DOBBINS CK (DOBBINS CK, NB) AT COVERED BRG IN NATURE CENTER
S005-357	CEDAR R ABOUT 800 FT S OF I-90 IN AUSTIN

Project CEDARR-L Cedar River TMDL

Project Summary

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Minnesota Pollution Control Agency

Start Date 03/19/2008 **Planned Duration** 1 year
Purpose TMDL monitoring

Assigned Stations

Station ID	Station Name
24-0014	ALBERT LEA
24-0018-01	FOUNTAIN (E. BAY)
24-0018-02	FOUNTAIN (W. BAY)
24-0024	WHITE (CHAPEAU)
24-0025	PICKERAL (PICKEREL)
24-0027	LOWER TWIN
24-0031	UPPER TWIN
S000-001	CEDAR RIVER 1.5 MI S OF AUSTIN
S000-002	ALBERT LEA LAKE AT ALBERT LEA
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONVILLE
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-137	CEDAR RIVER AT CSAH-2, 0.5 MILES EAST OF LANSING
S000-229	ROSE CK AT CSAH-29 3 MI S OF AUSTIN
S000-231	WOODBURY CK AT MN-105 3 MI W OF LYLE
S000-803	CEDAR RIVER - 2.3 MI SE OF BLOOMING PRAIRIE
S000-804	E FORK CEDAR R ON CSAH-2 E OF BLOOMING PRAIRIE
S000-805	MIDDLE FORK CEDAR R ON MN-30 NE OF BLOOMING PR.
S001-182	ROBERTS CK AT TWP RD 4.2 MI NW OF BROWNSDALE
S003-064	WOLF CK AT HWY 16 0.1 MI N OF AUSTIN
S003-065	DOBBINS CK AT THE NATURE CENTER IN AUSTIN
S003-067	ORCHARD CK AT HWY 105 S 4.5 MI S OF AUSTIN
S003-069	BLOOMING PRAIRIE TRIB 0.2 MI N OF CR 1 8.6 MI NW OF AUSTIN
S003-078	CEDAR R TRIB AT CR 2 IN LANSING 3.75 MI N OF AUSTIN
S004-113	SHELL ROCK R AT CSAH-13 (MAIN ST) IN GLENVILLE
S004-114	UNN CK (SCHOFF CK) AT LK CHAPEAU DR IN ALBERT LEA
S004-115	PETER LUND CK AT 800TH AVE, W OF HAYWARD
S004-116	NORTHEAST CK AT I-90 REST STOP, 4 MI NE OF ALBERT LEA
S004-117	UNN CK (MUD CK) AT CR-71, 2 MI W OF ALBERT LEA
S004-118	UNN CK (GOOSE CK) ON E SIDE OF BRG AVE IN ALBERT LEA
S004-119	SHELL ROCK R AT E MAIN ST IN ALBERT LEA, MINNESOTA
S004-120	BANCROFT CK AT PLAZA ST. IN ALBERT LEA
S004-121	UNN CK (WEDGE'S CK) W OF MN-13 NEAR ALBERT LEA
S004-429	DEER CK AT 270TH ST BRG, 1 MI S OF MAPLE ISLAND
S004-430	TURTLE CK AT CSAH-30 BRG, 1.2 MI S OF MAPLE ISLAND
S004-431	UNN STR (RICE L BR) AT CSAH-30, 2.5 MI S OF MAPLE ISLAND
S004-432	TURTLE CK (JD24) AT 43RD ST BRG, 2 MI NW OF AUSTIN
S004-867	MURPHY CK AT TAYLOR AVE IN MAPLEVIEW
S004-869	JD-5 AT CSAH-25, 3.5 MI N OF AUSTIN
S005-094	UNN STR TO ROSE CK AT 570TH AVE, 4.5 MI SE OF AUSTIN
S005-095	DOBBINS CK AT CSAH-19, 3 MI SE OF BROWNSDALE
S005-096	CTY DTCH NO. 16 AT CSAH-5 (CSAH-24), 1.5 MI S OF GLENVILLE

Project Summary

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Station ID	Station Name
S005-113	STRM SEWER, HIGH DENSITY DWNTWN DRANAGE IN ALBERT LEA
S005-114	STRM SEWER, LOW DENSITY RESIDENT DRAINAGE IN ALBERT LEA

Project CEDARRIV Cedar River Study by Mower County Environmental Health Dept.

Start Date 05/21/2000 **Planned Duration** Two years

Purpose Condition monitoring

Study Area Cedar River

Assigned Stations

Station ID	Station Name
S000-060	CEDAR R. CSAH-1 W OF WALTHAM
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-229	ROSE CK AT CSAH-29 3 MI S OF AUSTIN
S000-230	TURTLE CK AT CSAH-23 (4TH DRIVE SW) AT AUSTIN
S000-231	WOODBURY CK AT MN-105 3 MI W OF LYLE
S000-803	CEDAR RIVER - 2.3 MI SE OF BLOOMING PRAIRIE
S000-807	ROBERTS CREEK ON ROAD 2.2 MI NE OF LANSING
S003-064	WOLF CK AT HWY 16 0.1 MI N OF AUSTIN
S003-065	DOBBINS CK AT THE NATURE CENTER IN AUSTIN
S003-066	DOBBINS CK AT 12TH ST SE IN AUSTIN
S003-067	ORCHARD CK AT HWY 105 S 4.5 MI S OF AUSTIN
S003-068	OTTER CK 0.5 MI N OF MN/IA BORDER 1 MI E OF LYLE
S003-069	BLOOMING PRAIRIE TRIB 0.2 MI N OF CR 1 8.6 MI NW OF AUSTIN
S003-077	CEDAR R TRIB AT HWY 25 IN LANSING 3.75 MI N OF AUSTIN
S003-078	CEDAR R TRIB AT CR 2 IN LANSING 3.75 MI N OF AUSTIN

Project CHIPTMDL Chippewa River TMDL Ammonia Sampling

Start Date 08/14/2001 **Planned Duration** 01-01-2005

Document/Graphic RE Montevideo Chippewa R data [Document/Graphic](#)

Purpose De-list the Impaired Reach for Ammonia. This is a TMDL project that will determine the sources of the ammonia impairment in the Chippewa River.

The city of Montevideo will do the Chippewa River sampling as per the Information Protocol Final Draft May 10, 2004 and Part 7 Monitoring Plan in the June 11, 2004 TMDL report. - Steven Jones letter to MPCA

Study Area Lower Chippewa River Main Stem

Project Design Please see the text file attachment for information on Project Design and Sampling Frequency. It doesn't all fit in this space. In addition to the text file, please read the following:

Ammonia samples are collected at S000-175. Two grab samples are taken from the east side of the river one week, and two from the west side the next week. The city of Montevideo's effluent flows along the east side of the Chippewa River.

Used the clean pail method and a pH meter (Accument Portable AP61 from Fisher Scientific) with 4M potassium chloride solution, saturated with silver chlorine SP 135 probe. Calibration

Project Summary

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Project Design done with pH 4 and pH 10 buffers daily. Temperature is also taken using this meter.

-From Byron L. Hayunga letter to Carol Sinden, received 10-18-2004

Obtain Plan MPCA

Assigned Stations

Station ID	Station Name
S000-175	CHIPPEWA RIVER AT BRIDGE ON MN-7 AT MONTEVIDEO
S002-966	CHIPPEWA R AT RR BRG IN MONTEVIDEO, MN

Project CHISAG-S Chisago County Volunteer Lake Monitoring Program (SWAG)

Start Date 05/01/2008 **Planned Duration** 2 years

Purpose Problem Investigation

Study Area Bloom Lake (13-0001, Site 200 until exact sample location on lake is submitted),
Chain Lake South (13-0063-02, Site 201),
Duck Lake (13-0005, Site 201),
Ellen Lake (13-0047, Site 201),
First Lake (13-0026, Site 200 until exact sample location on lake is submitted),
Lake Emily (13-0046, Site 201),
Linn Lake (13-0014, Site 201),
Little Horseshoe Lake (13-0080, Site 201),
Little Pine Lake (30-0019, Site 201),
Mattson Lake (13-0043, Site 201),
Mud Lake (NB) (13-0066, Site 201),
School Lake (13-0044, Site 201),
Second Lake (13-0025, Site 201),
Spider Lake (13-0019, Site 201),
Third Lake (13-0024, Site 201),
Unnamed Lake (13-0062, Site 201),
Vibo Lake (13-0030, Site 201),
White Stone Lake (13-0048, Site 201)

Project Design Sample Medium: water column

Lab: Metropolitan Council

Sample Collection Method(s) and Gear(s): grab sample

Field Measurements: Secchi disk, temperature, total phosphorus, total Kjeldahl nitrogen, chlorophyll-A and observations

Turbidimeter Make and Model: YSI 6820

Obtain Plan Casey Thiel
Chisago Soil and Water Conservation District
38814 3rd Avenue
North Branch, MN 55056
(651) 674-2333
casey.thiel@mn.nacdnet.net

MPCA Project Manager:
Ron Schwartz
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-297-2915
ronald.schwartz@pca.state.mn.us

Project Summary

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Assigned Stations

Station ID	Station Name
13-0001	BLOOMS (BLOOM)
13-0005	DUCK
13-0014	LINN
13-0019	SPIDER
13-0024	THIRD
13-0025	SECOND
13-0026	FIRST
13-0030	VIBO
13-0043	MATTSON
13-0044	SCHOOL
13-0046	EMILY
13-0047	ELLEN
13-0048	WHITE STONE
13-0062	UNNAMED
13-0063-02	CHAIN (SOUTH PORTION)
13-0066	MUD
13-0080	LITTLE HORSESHOE
30-0019	LITTLE PINE

Project	CHISLID	Chisago Lakes Lake Improvement District
Start Date	07/01/2008	Planned Duration 3 years
Purpose	Problem investigation.	
Study Area	Lakes Monitored: 13-0012-01, Site 202 Chisago (North Bay) 13-0013, Site 202 Kroon 13-0028, Site 203 South Lindstrom 13-0032-01, Site 201 North Center Lake (South Deepest Location) 13-0032-01, Site 202 North Center Lake (North Deepest Location) 13-0041-01, Site 201 Little Green Lake 13-0041-02, Site 202 Green Lake Streams Monitored: KL_Trib_1 S000-457 Wallmark Outlet S000-995 CL_Trib_1 S001-456 NC_Trib_1 S005-120 LL_Trib_1 S005-121 Unnamed Ck S005-122 SC_Trib_1 S005-123 Lind_SS S005-124 Gov_Center S005-125 GL_Trib_1 S005-126 CLHS_SS S005-127 NL_Trib_1 S005-128	
Project Design	Sample Medium: water column Lab: MN Dept of Health	

Project Summary

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Project Design Sample Collection Method(s) and Gear(s): grab sample

Field Measurements - Methods and Instrumentation - Transparency tube, total phosphorus, total suspended solids, total ortho-phosphorus.

Obtain Plan Casey Thiel
Chisago Soil and Water Conservation District
38814 3rd Avenue
North Branch, MN 55056
(651) 674-2333
casey.thiel@mn.nacdnet.net

MPCA Project Manager:
Chris Klucas
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 297-8233
christopher.klucas@pca.state.mn.us

Assigned Stations

Station ID	Station Name
13-0012-01	CHISAGO (NORTH BAY)
13-0013	KROON
13-0028	SOUTH LINDSTROM
13-0032-01	NORTH CENTER
13-0041-01	GREEN (LITTLE GREEN)
13-0041-02	GREEN (MAIN BASIN)
S000-457	BUFFALO CK AT RD BTN S35/36 3.5 MI E OF BROWNTON
S000-995	TRIB TO SUNRISE R AT CSAH-19, .5 MI NW LINDSTROM
S001-456	UNNAMED TRIB 2 3/4 MI SE OF CHISAGO CITY, MN
S005-120	UNN STR TO NO CENTER LK AT CSAH-9, 1 1/2 MI NO CENTER CITY
S005-121	UNN STR TO LITTLE LK AT LITTLE LK RD, 2 MI NE OF CENTER CITY
S005-122	UNN STR TO SO CENTER LK AT CR-82, NORTH OF CENTER CITY
S005-123	UNN STR TO SO CENTER LK AT CSAH-37, NORTH OF CENTER CITY
S005-124	UNN DTCH THRU STORM SEWER AT OLINDA TR NO AT LINDSTROM
S005-125	STORM WATER RUNOFF FROM CHISAGO CTY GOV'T CTR AT CENTER CITY
S005-126	UNN STR CHISAGO LK TO GREEN LK AT LOFTON AVE SO CHISAGO CITY
S005-127	STM WTR OTLT CHISAGO LKS HIGH SCH OLINDA TR 1 MI S LINDSTROM
S005-128	UNN STR NO LINDSTROM LK FROM NO CTR LK @ CSAH-20 N LINDSTROM

Project CHISLIND Chisago Lindstrom Lakes Assoc. Citizen Lake Monitoring Prog

Start Date 06/01/2002 **Planned Duration** thru 2006

Purpose The purpose is to collect chlorophyll-a data , water clarity and temperature to existing water

Project Summary

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Purpose quality data.

Project Design Sample Collection Methods:

Temperature: Thermometer
Chlorophyll-a: grab sample; take water sample, fill collection bottle, place on cooler with ice, fill measuring tube, filter sample, freeze sample, deliver to lab

Field Measurements: Temperature: thermometer at the following depths (surface, 3, 7, 10, 13, 16, 20, 23, 26, 30)

Obtain Plan Citation for Plan:

Pam Anderson
MPCA
520 Lafayette Road
St. Paul, MN 55155
651/296-8544
pam.anderson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
13-0012-01	CHISAGO (NORTH BAY)
13-0012-02	CHISAGO (SOUTH BAY)
13-0027	SOUTH CENTER
13-0028	SOUTH LINDSTROM
13-0032-01	NORTH CENTER
13-0035	NORTH LINDSTROM
13-0041-01	GREEN (LITTLE GREEN)
13-0041-02	GREEN (MAIN BASIN)
13-0154	UNNAMED
14-0068	UNNAMED (JETVIG)

Project CHIS_BLM Chisago County Baseline Monitoring (four TMDLs)

Start Date 01/01/2006 **Planned Duration** on-going

Purpose This project covers TMDL monitoring by the Chisago County Soil and Water Conservation District. Stations monitored are parts of the following TMDLs: North Branch Sunrise Fecal TMDL, Sunrise River Watershed TMDL, Goose Creek Impaired Biota TMDL, Rush Creek Impaired Biota TMDL, and the Chisago County Baseline Monitoring project.

Samples generated by this project will be submitted to the Minnesota Department of Health for testing.

Assigned Stations

Station ID	Station Name
S000-032	ZUMBRO RIVER - MIDDLE BRANCH
S000-125	RUSH CREEK CR-56 BY RUSH CITY
S000-410	GOOSE CK AT RD BTN S11/14 3 MI NE OF HARRIS
S000-423	SOUTH TWO R AT CSAH-21 1 MI S OF BOWLUS
S000-997	TRIB TO SUNRISE R AT IVYWOOD TRAIL NW LINDSTROM
S001-270	GRINDSTONE R AT MN-48 BR 4 MI E OF HINCKLEY
S001-419	N BR SUNRISE R AT MN-95 0.5 MI E OF NORTH BRANCH
S001-423	SUNRISE R AT MN-95 2.25 MI S OF SUNRISE
S001-424	W BR SUNRISE R NEAR CR-19 1 MI W OF STACY

Project Summary

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Station ID	Station Name
S002-095	N BRANCH SUNRISE R AT CSAH-5 CROSSING, 4 MI W OF NO BRANCH
S004-032	SUNRISE R AT CR-88 IN SUNRISE, MN
S004-033	SUNRISE R, N BR AT CR-69, 3.3 MI SW OF SUNRISE, MN
S004-034	LAWRENCE CK AT FRANCONIA TR, IN FRANCONIA, MN
S004-362	ROCK CK AT CSAH-5, 0.2 MI ABOVE ST CROIX R, 1.2 MI S ROCK CK

Project CHUBCK Chub Creek Watershed Assessment

Start Date 01/01/1999 **Planned Duration** 01-01-2001

Purpose Part of Chub Creek Watershed Assessment to determine overall health of watershed. Collected by Dakota County SWCD staff; analyzed by Metropolitan Council Environmental Services Laboratory, St. Paul, MN. Samples collected June 1999 - Summer 2001.

Associated with the VERMCHUB Program in STORET.

Study Area Chub Creek watershed

Assigned Stations

Station ID	Station Name
S001-347	MUD CK AT MN-3 BR, 3 MI N OF NORTHFIELD, MN
S001-666	CHUB CK, AT BRG CROSSING OF CSAH-23, 4.5 MI NW OF NORTHFIELD
S001-668	CHUB CK, BRIDGE ON CSAH-47, 2.5 MI W OF RANDOLPH
S001-669	CHUB CK, BETWN CSAH-83 & MN-56 ON FERGUSON FARM IN RANDOLPH
S001-670	CHUB CK, AT STATE HWY 3, 3 MI N OF NORTHFIELD
S001-671	N BRANCH CHUB CREEK, AT 290TH ST, 2.5 MI W OF RANDOLPH
S002-533	CHUB CK AT CR-83. 0.2 MI S OF RANDOLPH, MN

Project CIRCLELK Circle Lake

Start Date 04/01/2008 **Planned Duration** 3 years

Purpose Condition

Project Design Sample Collection Methods: Grab with bucket

Field Measurements: t-tube, temp, tape down with tape measure

Laboratory Information:

RMB Environmental Lab
22796 County Hwy 6
Detroit Lakes, MN 56501

Contact Name:

Moriya Rufer
218-846-1465
lakes.rmbel@eot.com

Assigned Stations

Station ID	Station Name
66-0027	CIRCLE

Project Summary

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Station ID	Station Name
S005-307	WOLF CK (UNN CK) FROM FOX LK TO CIRCLE LK AT 130TH ST W
S005-308	UNN CK TO CIRCLE LK AT 120TH ST W AND ECHO AVE INTERSECTION

Project CKLE-L Crystal, Keller, Lee, Earley Lakes Nutrient TMDL Project

Start Date 12/15/2007 **Planned Duration** 2 years

Document/Graphic Draft Crystal Keller Lee Earley Lks QAPP Document/Graphic

Purpose Lake water column monitoring for TMDL

Project Design Sample Collection Methods: Please see Crystal Lake, Keller Lake, Lee Lake and Earley Lake Nutrient Impairment TMDL Project Quality Assurance Project Plan (QAPP)

Field Measurements: DO, Specific Conductance, Temperature and pH - Please see Crystal Lake, Keller Lake, Lee Lake and Earley Lake Nutrient Impairment TMDL Project Quality Assurance Project Plan (QAPP)

Laboratory Information:
Braun Intertec
11001 Hampshire Avenue South
Minneapolis, MN 55438

Contact Name:
Steven Albrecht
952-995-2622
salbrecht@braunintertec.com

Assigned Stations

Station ID	Station Name
19-0025	KELLER
19-0027	CRYSTAL
19-0029	LEE
19-0446	LAC LAVON

Project CLEANWTR Clean Water Legacy Surface Water Monitoring

Start Date 07/01/2006 **Planned Duration** 10 years

Purpose Condition monitoring to complete or enhance the dataset for assessment.

Project Design Sample Collection Methods: Integrated sampler, Kemmerer
Field Measurements: Hydrolab - temp, DO, spec cond, pH, orp, etc...

Obtain Plan Citation for Plan:

Pam Anderson
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155
(651) 296-8544
pam.anderson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
01-0099	GUN
04-0069	BLACKDUCK
04-0130-02	BEMIDJI (MAIN LK)

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Minnesota Pollution Control Agency

Station ID	Station Name
06-0001	MARSH
06-0152	BIG STONE
07-0060-01	EAGLE (NORTH)
07-0096	LOON
08-0026	HANSKA
11-0073	BIG RICE
11-0077	BIG SAND
11-0104	LAURA
11-0147	WINNIBIGOSHISH
11-0190	TOWNLIN
11-0283	BABY
11-0304-01	SYLVAN (SW BAY)
11-0304-02	SYLVAN (NE BAY)
11-0307	NORWAY
11-0308-01	BIG PORTAGE (W BAY/BIG PORTAGE LK)
11-0415	PIKE BAY
11-0494	CROOKED
13-0012-01	CHISAGO (NORTH BAY)
13-0013	KROON
13-0027	SOUTH CENTER
13-0028	SOUTH LINDSTROM
13-0029	WALLMARK
13-0032-01	NORTH CENTER
13-0033	LITTLE
13-0068	FISH
13-0069-01	RUSH (EAST BAY)
13-0069-02	RUSH (WEST BAY)
13-0073	HORSESHOE
13-0083-01	GOOSE (NORTH BAY)
13-0083-02	GOOSE (SOUTH BAY)
15-0016	ITASCA
17-0007	BINGHAM
17-0020	EAGLE
17-0022	COTTONWOOD
17-0054	BEAN
17-0056-01	DOUBLE (NORTH PORTION)
17-0060	TALCOT
18-0386	RED SAND
21-0108	MINA
21-0130	SPRING
21-0150	GRANTS
22-0023	WALNUT
22-0033	MINNESOTA
22-0075	RICE

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
24-0015	GENEVA
24-0044	FREEBORN
29-0151-02	MANTRAP (MID. BASIN)
32-0069	ROUND
34-0022-02	ELIZABETH (MAIN)
34-0072	LILLIAN
34-0076	MINNETAGA
34-0158-01	MUD
34-0158-02	MUD (MONOGALIA)
34-0158-03	CROW R MILL POND (E)
34-0347	HEFTA
37-0046-01	LAC QUI PARLE (SE BASIN)
37-0046-02	LAC QUI PARLE (NW BASIN)
38-0811	FALL
41-0021-01	DEAD COON (MAIN LAKE)
41-0110	HENDRICKS
42-0002	SCHOOL GROVE
42-0014	COTTONWOOD
42-0047	YANKTON
42-0052	ROCK
42-0070	EAST TWIN
42-0074	WEST TWIN
42-0093	GOOSE
43-0084	MARION
43-0085-01	OTTER (MAIN BASIN)
43-0115	CEDAR
44-0001	ROY (SIMON)
44-0006	BASS (BIG BASS)
46-0049	IOWA
46-0051	OKAMANPEEDAN
46-0052	BRIGHT
46-0109	FOX
46-0121	CEDAR
46-0133	BIG TWIN
47-0015	JENNIE
47-0038	BIG SWAN
47-0046	WASHINGTON
47-0062	GREENLEAF
47-0064	ERIE
48-0009	ONAMIA
48-0012	SHAKOPEE
49-0140	CEDAR
51-0024	LIME
51-0040	BLOODY

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
51-0063	SARAH
65-0002	PRESTON
65-0006	ALLIE
65-0013	BOON
66-0039	MAZASKA
69-0003	BIRCH
69-0069	SHAGAWA
69-0115	BEAR ISLAND
69-0285-01	EAGLES NEST #1
69-0285-03	EAGLES NEST #3
71-0016	FREMONT
71-0055	ELK
71-0081	MITCHELL
71-0082	BIG
73-0037	PEARL
74-0001	RICE
77-0061	RICE
78-0024	MUD
78-0025	TRAVERSE
81-0083	BUFFALO
86-0086	FOUNTAIN
86-0090	BUFFALO
86-0106	LITTLE WAVERLY
86-0184	DUTCH
87-0016	CURTIS (HOUSTON)
87-0030	WOOD

Project CLFLWD-L Comfort Lake/Forest Lake Watershed District TMDL (CWLA)

Start Date 03/20/2008 **Planned Duration** 1 year

Purpose Condition Monitoring

Study Area Comfort Lake/Forest Lake Watershed District
Sunrise River at Greenway Avenue
S004-926

Project Design Sample Medium - Water column

Lab: Metropolitan Council Environmental Services, St. Paul

Sample Collection Method(s) and Gear(s) - see WCD SOP at
http://www.mnwc.org/water_monitoring_standards.php

Field Measurements - Methods and Instrumentation - temperature/DO with YSI 550A,
specific cond. with Oakton ECTestr, pH/cond with Oakton PCTestr3, transparency with t-tube
macroinverts with D-nets

Obtain Plan Travis Thiel
Washington Conservation District
1380 W Frontage Road, Hwy 36

Project Summary

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Minnesota Pollution Control Agency

Obtain Plan Stillwater, MN 55082
(651) 275-1136
travis.thiel@mnwcd.org

MPCA Project Manager:
Chris Klucas
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 297-8233
christopher.klucas@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S004-926	SUNRISE R AT GREENWAY RD IN WYOMING

Project CLMP Citizen Lake-Monitoring Program

Start Date 01/01/1973 **Planned Duration** Long-term

Purpose Monitor lake eutrophication status.

Project manager formerly Jennifer Klang and assistant project manager Johanna Schussler.
2008 new project manager Johanna Schussler.

Study Area Statewide

Assigned Stations

Station ID	Station Name
01-0001	PINE
01-0022	ISLAND
01-0023	ROUND
01-0033	MINNEAWAWA
01-0034	HORSESHOE
01-0045	BLACKFACE
01-0058	VANDUSE
01-0060	SANDY RIVER
01-0061	FLOWAGE
01-0062	BIG SANDY
01-0069	PORTAGE
01-0071-01	DAVIS (MAIN BASIN)
01-0077	RAT
01-0083	TOWNLIN
01-0087	SUGAR
01-0089	LONG
01-0091	RABBIT
01-0093	CLEAR
01-0096	DAM
01-0099	GUN
01-0102	WILKINS
01-0104	FRENCH
01-0105	FLEMING
01-0117	NORD

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
01-0123	ELM ISLAND
01-0125	LONE
01-0136	WAUKENABO
01-0137	ROUND
01-0142-01	HILL (MAIN BASIN)
01-0142-02	HILL (SOUTH ARM)
01-0146	RIPPLE
01-0147	ESQUAGAMAH
01-0157	BIG PINE
01-0159	FARM ISLAND
01-0161	HAMMAL
01-0170	HANGING KETTLE
01-0176	LITTLE PINE
01-0178	SPIRIT
01-0188	BLIND
01-0201	HOLY WATER
01-0204	ROUND
01-0207	TOWNLIN
01-0209-01	CEDAR (MAIN BASIN)
01-0209-02	CEDAR (NE ARM)
01-0209-03	CEDAR (WEST BAY)
01-0217	LITTLE TURTLE
01-0447	UNNAMED
02-0003	OTTER
02-0004	PELTIER
02-0005	GEORGE WATCH
02-0006	CENTERVILLE
02-0007	MARSHAN (FORSHAM)
02-0008	RICE
02-0009	RESHANAU
02-0013	BALDWIN
02-0014	AMELIA
02-0026	LINWOOD
02-0034	MARTIN
02-0035	FAWN
02-0042	COON
02-0045	GOLDEN
02-0048	SOUTH COON
02-0052	NETTA
02-0053	HAM
02-0067	MINARD
02-0070	COOPERS
02-0071	SPRING
02-0072	LADDIE

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
02-0075-01	MOORE (EAST BAY)
02-0084	CROOKED
02-0089	ROUND
02-0090	BUNKER
02-0091	GEORGE
02-0102	SANDSHORE
02-0104	ROGERS
02-0106	NORRIS
02-0113	GRASS
02-0133	EAST TWIN
03-0010	STRAIGHT
03-0017	TWO INLETS
03-0030	BOOT
03-0085	BAD MEDICINE
03-0088	BASS
03-0096	BIG BASSWOOD
03-0102	SHELL
03-0107	TOAD
03-0134	GREEN WATER
03-0136	JUGGLER
03-0153	ISLAND
03-0155	ROUND
03-0159	ELBOW
03-0180	NORTH TWIN
03-0189	LITTLE TOAD
03-0195	HEIGHT OF LAND
03-0197	BLACKBIRD
03-0200	PINE
03-0241-02	NORTH TAMARACK
03-0269	FIVE
03-0273	PERCH
03-0286	COTTON
03-0287	PICKEREL
03-0291	RICE
03-0293	ROCK
03-0304	BIG SUGAR BUSH
03-0323	STRAWBERRY
03-0328	WHITE EARTH
03-0350	BUFFALO
03-0355	SAUER
03-0357	MONSON
03-0358	FOX
03-0359	SALLIE
03-0360	MUSKRAT

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
03-0363	CURFMAN
03-0364	GLAWE
03-0366	ABBEY
03-0371	MEADOW
03-0374-01	JOHNSON
03-0374-02	REEVES
03-0377	MILL
03-0381	DETROIT
03-0382	ST. CLAIR
03-0383	LONG
03-0386	LITTLE FLOYD
03-0387-01	MUD
03-0387-02	FLOYD (BIG FLOYD)
03-0400	BRANDY
03-0420	SANDS
03-0475	MELISSA
03-0486	PEARL
03-0489	LOON
03-0500	MAUD
03-0503	EUNICE
03-0506	LITTLE CORMORANT
03-0516	CANARY
03-0575	LEIF
03-0576	BIG CORMORANT
03-0582	IDA
03-0587	ROSSMAN
03-0588	UPPER CORMORANT
03-0595	NELSON
03-0596	UNNAMED (LARSON)
03-0602	MIDDLE CORMORANT
03-0619	LEE (TALAC)
03-0638	BESEAU
03-0657	TURTLE
03-0659	SAND (STUMP)
04-0001	BURNS
04-0007	KITCHI
04-0024	GILSTAD
04-0030	CASS
04-0032	PIMUSHE
04-0033	BENJAMIN
04-0034	RABIDEAU
04-0035-01	RED (UPPER RED)
04-0038	ANDRUSIA
04-0043	LOST

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
04-0049	BIG
04-0053	SOUTH TWIN
04-0063	NORTH TWIN
04-0069	BLACKDUCK
04-0076	LONG
04-0079	WOLF
04-0097	BUCK
04-0110	LITTLE BASS
04-0111	TURTLE RIVER
04-0120	GULL
04-0122	MEDICINE
04-0130-01	STUMP
04-0130-02	BEMIDJI (MAIN LK)
04-0132-02	BIG BASS
04-0134	THREE ISLAND
04-0135	BELTRAMI
04-0137	WHITE FISH
04-0138	JACKSON
04-0140	IRVING
04-0141	CARR
04-0142	MARQUETTE
04-0152	MOVIL
04-0155	LITTLE TURTLE
04-0159	TURTLE (BIG TURTLE)
04-0162	FOX
04-0166	JULIA
04-0167	DARK
04-0217	GRANT
04-0227	LONG
04-0230	DEER
04-0322	SYLVIA (SAND)
04-0329	BALM (TURTLE)
04-0342	MOOSE
04-0343	CLEARWATER
05-0007	MAYHEW
05-0012	UNNAMED (LITTLE ROCK CHAIN)
05-0013	LITTLE ROCK
06-0138	EAST TOQUA
06-0152	BIG STONE
07-0044	MADISON
07-0053	DUCK
07-0054	BALLANTYNE
07-0079	LURA
07-0090	IDA

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Minnesota Pollution Control Agency

Station ID	Station Name
07-0096	LOON
07-0098	CRYSTAL
08-0026	HANSKA
08-0045	SLEEPY EYE
09-0008	CHUB
09-0029	PARK
09-0032	BIG
09-0034	BEAR
09-0035	LITTLE HANGING HORN
09-0036	PERCH
09-0037	RICE PORTAGE
09-0038	HANGING HORN
09-0039	EDDY
09-0041	MOOSEHEAD
09-0051	DEAD FISH
09-0057	EAGLE
09-0060-01	ISLAND (NORTH BAY)
09-0060-02	ISLAND (SOUTH BAY)
09-0062	CROSS
09-0063	WOODBURY
09-0064	FLOWER
09-0066	LONG
09-0067	TAMARACK
09-0068	COLE
10-0002	RILEY
10-0005	COURTHOUSE
10-0006	LOTUS
10-0007	LUCY
10-0009	MINNEWASHTA
10-0010	TAMARACK
10-0011	ST. JOE
10-0012	ANN
10-0014	HAZELTINE
10-0015	VIRGINIA
10-0016	LONG
10-0018	SCHUTZ
10-0019	BAVARIA
10-0029	MILLER
10-0031	GAYSTOCK
10-0041	ZUMBRA-SUNNY
10-0044-01	AUBURN (WEST BAY)
10-0044-02	AUBURN (EAST BAY)
10-0045	STEIGER
10-0048	WASSERMANN

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Minnesota Pollution Control Agency

Station ID	Station Name
10-0052	REITZ
10-0053	PIERSONS
10-0058	MARIA
10-0059	WACONIA
10-0066	WINKLER
10-0069	BENTON
10-0080	RUTZ
10-0084	BURANDT
10-0088	HYDES
10-0089	GOOSE
10-0093	OAK
10-0095	SWEDE
10-0121	EAGLE
10-0127	CAMPBELL
10-0200-01	UNNAMED (NORTH BAY)
10-0216	MCKNIGHT (OAKRIDGE)
10-0217	JONATHAN
10-0218	GRACE
10-0225	BRICKYARD
10-0226	FIREMAN'S
11-0009-01	L THUNDER (W BAY)
11-0010	WINDY
11-0026	SUGAR
11-0029	VERMILLION
11-0037	LEAVITT
11-0043-01	ROOSEVELT (NORTH)
11-0043-02	ROOSEVELT
11-0053	LAWRENCE
11-0059	WASHBURN
11-0062	THUNDER
11-0067	COFFIN
11-0069	BASS
11-0077	BIG SAND
11-0086	GRAVE
11-0092	LITTLE SAND
11-0093	WILSON
11-0102	ISLAND
11-0105	UPPER TRELIPE
11-0120-01	INGUADONA (N. BAY)
11-0120-02	INGUADONA (S. BAY)
11-0129	LOWER TRELIPE
11-0133	SWIFT
11-0142-02	LONG (MAIN BASIN)
11-0142-03	LONG (N OF MAIN)

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Minnesota Pollution Control Agency

Station ID	Station Name
11-0142-04	LONG (SW BAY)
11-0143	BOY
11-0147	WINNIBIGOSHISH
11-0163	COOPER
11-0167	LITTLE BOY
11-0170	HUNTER
11-0171-01	WABEDO (NE BAY)
11-0171-02	WABEDO (SW BAY)
11-0174	GIRL
11-0199	HAY
11-0200	MULE
11-0201-01	BROADWATER BAY
11-0201-02	WOMAN (MAIN)
11-0203-01	LEECH (MAIN BASIN)
11-0203-02	LEECH (KABEKONA BAY)
11-0203-03	LEECH (AH-GWAH-CHING BAY)
11-0203-04	LEECH (SHINGOBEE BAY)
11-0204	PORTAGE
11-0209	HARDY
11-0216	AGATE
11-0218	UPPER GULL
11-0219	LOST
11-0220	RAY (BASS)
11-0221	SPIDER
11-0222	MARGARET
11-0226	LOON
11-0230	LITTLE SAND
11-0232	HATTIE
11-0234	PONTO
11-0236	LITTLE PORTAGE
11-0237	DEEP PORTAGE
11-0242	HAND
11-0244	ONE (SAND NO ONE)
11-0246	SYLVAN
11-0250	ADA
11-0257	ISLAND
11-0258	LONG (PINECREST)
11-0261	MCKEOWN
11-0262	KID
11-0263	CHILD
11-0268	KERR
11-0269	LOST
11-0270	TRILLIUM (LIZARD)
11-0273	WIDOW

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
11-0274	BLACKWATER
11-0279	SAND
11-0281	BARNUM
11-0282	MANN
11-0283	BABY
11-0304-01	SYLVAN (SW BAY)
11-0304-02	SYLVAN (NE BAY)
11-0305	GULL
11-0307	NORWAY
11-0308-01	BIG PORTAGE (W BAY/BIG PORTAGE LK)
11-0308-02	BIG PORTAGE (E BAY/RICE PORTAGE)
11-0311	WEBB
11-0314	LYDICK
11-0324	ROCK
11-0342	EAGLE (CLEAR)
11-0350	BOWEN
11-0351	FIVE POINT
11-0355	OX YOKE
11-0356	RAINY
11-0358	HORSESHOE
11-0361	SANBURN
11-0363	JOHNSON
11-0371	STONY
11-0374	LARSON
11-0375	SURPRISE
11-0376	BLUEBERRY
11-0381	PAQUET
11-0383	PLEASANT
11-0387	LITTLE WEBB
11-0401	TURTLE
11-0411	PINE MOUNTAIN
11-0412	BIRCH
11-0413	TEN MILE
11-0415	PIKE BAY
11-0472	HOWARD
11-0474	BASS (BIG BASS)
11-0476	PORTAGE
11-0490	PORTAGE
11-0502	CRYSTAL
11-0504	STEAMBOAT
11-0505	LITTLE WOLF
13-0012-01	CHISAGO (NORTH BAY)
13-0012-02	CHISAGO (SOUTH BAY)
13-0013	KROON

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Minnesota Pollution Control Agency

Station ID	Station Name
13-0027	SOUTH CENTER
13-0028	SOUTH LINDSTROM
13-0029	WALLMARK
13-0031	SUNRISE
13-0032-01	NORTH CENTER
13-0032-02	NORTH CENTER POND
13-0033	LITTLE
13-0034	PIONEER
13-0041-01	GREEN (LITTLE GREEN)
13-0041-02	GREEN (MAIN BASIN)
13-0053	COMFORT
13-0054	LITTLE COMFORT
13-0068	FISH
13-0069-01	RUSH (EAST BAY)
13-0069-02	RUSH (WEST BAY)
13-0073	HORSESHOE
13-0074	MANDALL
13-0079	RABOUR
13-0083-01	GOOSE (NORTH BAY)
13-0083-02	GOOSE (SOUTH BAY)
14-0030	FIFTEEN
14-0080	FLORA
15-0001	BIG LASALLE
15-0005	OZAWINDIB
15-0010	ELK
15-0016	ITASCA
15-0038	FALK
15-0057	LONG
15-0060	WALKER BROOK
15-0068	LONG LOST
15-0081	LOMOND
15-0086	JOHNSON
15-0090	DEEP
15-0104	LONE
15-0137	MINNOW
15-0139	FIRST
15-0144	LINDBERG
15-0149	PINE
16-0001-N040	SUPERIOR (BIRCHBAY)
16-0019	TOM
16-0023	ESTHER
16-0026	LITTLE JOHN
16-0027	MCFARLAND
16-0035	JOHN

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Minnesota Pollution Control Agency

Station ID	Station Name
16-0036	NORTH FOWL
16-0041	PINE
16-0042	EAST PIKE
16-0043	MOOSE
16-0046	MINK
16-0049	TROUT
16-0086	WEST PIKE
16-0093	MOUNTAIN
16-0117	MOON (SUCKER)
16-0136	DEER
16-0137	ROVE
16-0138	WATAP
16-0139	CLEARWATER
16-0141	CARIBOU
16-0142	LITTLE CARIBOU
16-0143	DEVIL TRACK
16-0147	FLOUR
16-0150	DANIELS
16-0156	TWO ISLAND
16-0168	KROFT
16-0169	RUM
16-0170	LITTLE TROUT
16-0174	RAM
16-0182	BALL CLUB
16-0188	KEMO
16-0198	LEO
16-0199	LIZZ
16-0200	ROAD
16-0202	SQUINT
16-0215	SWAMP
16-0220	MORGAN
16-0222	JACKAL (JAKE)
16-0223	LUX
16-0224	VISTA
16-0225	MISQUAH
16-0227	HUNGRY JACK
16-0228	BEARSKIN
16-0230	ROSE
16-0232	DUNCAN
16-0239	POPLAR
16-0240	CARIBOU
16-0241	HORSESHOE
16-0244	SOUTH
16-0247	BIRCH

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Minnesota Pollution Control Agency

Station ID	Station Name
16-0252	PIKE
16-0253	DEER YARD
16-0268	SWAN
16-0314	HENSON
16-0319	GASKIN
16-0320	ALLEN
16-0331	NORTH
16-0344	BIGSBY
16-0345	TOMASH
16-0348	BRULE
16-0349	WANIHIGAN
16-0351	FINN
16-0353	OMEGA
16-0354	WINCHELL
16-0356	GUNFLINT
16-0360	CARIBOU
16-0365	CLARA
16-0366	HOLLY
16-0369	WHITE PINE
16-0384	TAIT
16-0389	MULLIGAN
16-0391	MID CONE
16-0393	LOWER CONE
16-0397	CAM
16-0402	JUNO
16-0405	STAR
16-0406	HOMER
16-0409	VERN
16-0410	WHACK
16-0412	UPPER CONE
16-0435	DAVIS
16-0446	CLIFF
16-0448	LOON
16-0454	CRESCENT
16-0456	NORTH TEMPERANCE
16-0457	SOUTH TEMPERANCE
16-0458	TOWN
16-0460	LONG ISLAND
16-0461	KARL
16-0463	MAGNETIC
16-0476	KELLY
16-0477	BURNT
16-0478	PETERSON
16-0486	BAKER

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Minnesota Pollution Control Agency

Station ID	Station Name
16-0495	SMOKE
16-0496	SAWBILL
16-0513	SITKA
16-0521	JACK
16-0524	CHEROKEE
16-0526	CROSS BAY
16-0527	SNIPE
16-0529	MISSING LINK
16-0535	HOWL
16-0537	HUBBUB
16-0538	COPPER
16-0544	RIB
16-0546	LOWER GEORGE
16-0569	GORDON
16-0571	FROST
16-0580	GRANITE
16-0581	CLOVE
16-0600	BRANDT
16-0602	FLYING
16-0603	GAITER
16-0604	EDITH
16-0605	RON (WEST ROUND)
16-0606	ROUND
16-0608	HAM
16-0610	MARABOEUF
16-0616	DEVIL'S ELBOW
16-0617	GNEISS
16-0619	ONAGON
16-0622	ALTON
16-0623	TUSCARORA
16-0625	CRAG
16-0626	PAULSON (JAP)
16-0628	GREEN
16-0629	SEA GULL
16-0632-01	GULL (MAIN BASIN)
16-0633-01	SAGANAGA (AREA 1)
16-0633-02	SAGANAGA (AREAS 2&4)
16-0633-06	SAGANAGA (AREA 6)
16-0633-07	SAGANAGA (AREA 7)
16-0657	GRACE
16-0658	ELLA
16-0659	BETH
16-0673	MESABA
16-0674	HUG

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Minnesota Pollution Control Agency

Station ID	Station Name
16-0689	ZENITH
16-0705	LUJENIDA
16-0706	KELSO
16-0716	FERN
16-0720	RATTLE
16-0723	CROOKED
16-0726	OWL
16-0731	TARRY
16-0732	MORA
16-0739	WHIPPED
16-0741	FENTE
16-0748	HUB
16-0752	BAT
16-0753	GILLIS
16-0755	FRENCH
16-0757	PETER
16-0759	ALPINE
16-0768	JASPER
16-0783	FAY
16-0786	SEAHORSE
16-0795	LONE
16-0808	PHOEBE
16-0809	LITTLE SAGANAGA
16-0811	GABIMICHIGAMI
16-0812	KINGFISHER
16-0909	GASKET
16-0910	JUMP
17-0003	MOUNTAIN
17-0007	BINGHAM
18-0001	WHITEFISH
18-0018	CAMP (CROOKED)
18-0019	KENNEY
18-0020	BORDEN
18-0021	MILLER (ALMOND)
18-0028	SMITH
18-0029	HOLT
18-0033	SCOTT
18-0034	BAY
18-0038	CLEARWATER
18-0041-01	CROOKED (SUGAR BAY)
18-0041-02	CROOKED (MAIN BAY)
18-0044	HANKS
18-0047	TURTLE
18-0050	PORTAGE

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Minnesota Pollution Control Agency

Station ID	Station Name
18-0070	HAMLET
18-0072	SHIRT
18-0076	PLACID
18-0080	GOOSE
18-0088	PLATTE
18-0090	SERPENT
18-0093-01	RABBIT (EAST)
18-0093-02	RABBIT (W BASIN)
18-0096	UPPER SOUTH LONG
18-0099	EAGLE
18-0104	NOKAY
18-0131	CLINKER
18-0136	SOUTH LONG
18-0145	RICE
18-0148-01	TWIN (WEST BASIN)
18-0148-02	TWIN (EAST BASIN)
18-0155	CROW WING
18-0161	SEBIE
18-0165	ROSS
18-0166	MUD
18-0167-01	TWIN (WEST BASIN)
18-0169	STARK
18-0183	ISLAND
18-0184	ROGER
18-0185	MARY
18-0203	EMILY
18-0204	DAHLER
18-0211	BLUE
18-0212	RUTH
18-0213	ANNA
18-0218	TROUT
18-0224	FOOL
18-0226	GOODRICH
18-0227-02	O'BRIEN (NE BAY)
18-0231	BUTTERFIELD
18-0239	SILVER
18-0242	UPPER MISSION
18-0243	LOWER MISSION
18-0251-01	HORSESHOE (E. BAY)
18-0251-02	HORSESHOE (W. BAY)
18-0252	YOUNG
18-0256	BASS
18-0259	BONNIE
18-0266	LITTLE PINE

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Minnesota Pollution Control Agency

Station ID	Station Name
18-0269	ISLAND
18-0271	DAGGETT
18-0279	LITTLE BEAVER
18-0284	VELVET
18-0294	MITCHELL
18-0296-01	EAGLE (MAIN)
18-0296-02	EAGLE (WEST)
18-0296-03	EAGLE (EAST)
18-0297	WEST FOX
18-0298	EAST FOX
18-0305	EDWARD
18-0308	PELICAN
18-0309	FAWN
18-0310	WHITEFISH
18-0311	RUSH
18-0312	CROSS LK RESERVOIR
18-0315	BIG TROUT
18-0320-01	GILBERT (EAST BAY)
18-0320-02	GILBERT (WEST BAY)
18-0329	GARDEN
18-0338	GLADSTONE
18-0340	LITTLE HUBERT
18-0342	LOUGEE
18-0343	MARKEE
18-0347	LYNCH
18-0348	SHAFFER
18-0350	UNNAMED (DOUGLAS)
18-0351	LITTLE PELICAN
18-0352	OSSAWINNAMAKEE
18-0354	PIG
18-0355	BERTHA
18-0356	CLAMSHELL
18-0357	LITTLE ROUND
18-0358	BASS
18-0359	STAR
18-0360	LITTLE STAR
18-0364	CLEAR
18-0371	PERCH
18-0372	NORTH LONG
18-0373	ROUND
18-0374	CLARK
18-0375	HUBERT
18-0376	UPPER CULLEN
18-0377	MIDDLE CULLEN

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Minnesota Pollution Control Agency

Station ID	Station Name
18-0378	LOWER HAY
18-0379	WHITE SAND
18-0384	BASS
18-0385	UNNAMED
18-0386	RED SAND
18-0396	EDNA
18-0397	FAWN
18-0398	ROY
18-0399	NISSWA
18-0403	LOWER CULLEN
18-0404	SIBLEY
18-0405	RICE
18-0407	EAST TWIN
18-0408	MAYO
18-0409	WEST TWIN
18-0411	NELSON
18-0412	UPPER HAY
18-0413	UNNAMED
18-0415	JAIL (BIG RICE)
18-0657	UNNAMED (LUND)
18-0748	UNNAMED (L.DOUGLAS)
18-0754	OWL POND
19-0004	ISABELLE
19-0006	BYLLESBY
19-0020	CHUB
19-0021	ALIMAGNET
19-0026-01	MARION (EAST BAY)
19-0027	CRYSTAL
19-0030	KINGSLEY
19-0031	ORCHARD
19-0042	MARCOTT (OHMAN'S)
19-0049	UNNAMED (GOLF CRSE)
19-0050	SUNFISH
19-0052	SCHMITT (SCHMIDT)
19-0055	LEMAY
19-0056	O'LEARY
19-0057	FISH
19-0059	BLACKHAWK
19-0060	MCCARTHY
19-0061	BALD (POND JP-20)
19-0062	UNNAMED (HAY)
19-0063	UNNAMED (SCHWANZ)
19-0064	UNNAMED (HOLZ FARM)
19-0065	HOLLAND

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Minnesota Pollution Control Agency

Station ID	Station Name
19-0066	QUIGLEY
19-0067	THOMAS
19-0068	PITTS
19-0069	GERHARDT
19-0071	JENSEN
19-0075	SCHULTZ
19-0078	GUN CLUB
19-0081	AUGUSTA
19-0082	LEMAY
19-0095	UNNAMED (SEIDL)
19-0140	UNNAMED (FARM POND)
19-0144	UNNAMED (JP-6)
19-0148	HILLTOP PD (MOONEY)
19-0150	CEDAR POND
19-0153	UNNAMED (HEINE)
19-0155	CARLSON
19-0156	UNNAMED
19-0158	UNNAMED
19-0161	EAST THOMAS
19-0162	UNNAMED
19-0227	UNNAMED (PAGEL PND)
19-0259	BUR OAKS POND
19-0290	UNNAMED (JP-23)
19-0446	LAC LAVON
19-0447	UNNAMED (POND AP-4)
19-0448	UNNAMED (BIRCH POND)
19-0454	UNNAMED (LP-39)
19-0455	WESCOTT POND #3
21-0016	SMITH
21-0041	UNION
21-0049	BURGEN
21-0051	HENRY
21-0052	GENEVA
21-0053	AGNES
21-0054	VICTORIA
21-0055	JESSIE
21-0056	LE HOMME DIEU
21-0057	CARLOS
21-0073	VERMONT
21-0076	IRENE
21-0079	MAPLE
21-0080	DARLING
21-0081	WINONA
21-0083	MILTONA

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Minnesota Pollution Control Agency

Station ID	Station Name
21-0085	ANDREW
21-0090	TURTLE
21-0092	MARY
21-0094	LOUISE
21-0095	NORTH UNION
21-0101	STONEY
21-0102	BROPHY
21-0103	COWDRY
21-0105	LOTTIE (TAYLOR)
21-0106-01	LATOKA (NORTH BAY)
21-0106-02	LATOKA (SOUTH BAY)
21-0123	IDA
21-0125	KIEHNE (PRIVATE)
21-0130	SPRING
21-0140	POCKET (VAN LOONS)
21-0144-01	LOBSTER (EAST BAY)
21-0144-02	LOBSTER (WEST BAY)
21-0145	CHIPPEWA
21-0156-01	LITTLE OSCAR (MAIN)
21-0162	FREEBORN
21-0180	MILL
21-0189	GILBERT
21-0199-01	CROOKED (NW BAY)
21-0212	LITTLE CHIPPEWA
21-0213	DEVILS
21-0216	WHISKEY
21-0242	AARON
21-0245	MOSES
21-0257-02	SOUTH OSCAR
21-0264	STOWE
21-0291	RED ROCK
22-0033	MINNESOTA
22-0074	BASS
24-0014	ALBERT LEA
24-0015	GENEVA
24-0018-01	FOUNTAIN (E. BAY)
24-0028	BEAR
24-0030	STATE LINE
25-0001	PEPIN
26-0002	PELICAN
26-0020	THOMPSON
26-0040	ELK
26-0046	LOWER ELK
26-0095	BARRETT

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Minnesota Pollution Control Agency

Station ID	Station Name
26-0097	POMME DE TERRE
26-0185	COTTONWOOD
26-0235	MUSTINKA R. FLOWAGE
26-0282	LIGHTNING
27-0004	PENN
27-0014	POWDERHORN
27-0016	HARRIET
27-0019	NOKOMIS
27-0022	DIAMOND
27-0026	WOOD
27-0031	CALHOUN
27-0034	CRYSTAL
27-0037	WIRTH
27-0038	BROWNIE
27-0039	CEDAR
27-0040	LAKE OF THE ISLES
27-0042-01	TWIN (NORTH BAY)
27-0044	INDIANHEAD (LILLIAN)
27-0047	BUSH
27-0048	HYLAND
27-0053	UNNAMED (COBBLECREST)
27-0055	MIRROR
27-0057	MEADOW
27-0058	RYAN
27-0061	CHAMPLIN MILL POND
27-0062-01	ANDERSON (N. BAY)
27-0062-03	ANDERSON (SW BAY)
27-0067	BRYANT
27-0070	MITCHELL
27-0076	RED ROCK
27-0078	STARING
27-0088	MINNETOGA
27-0089-01	SHADY OAK (N. BAY)
27-0089-02	SHADY OAK (MIDDLE BAY)
27-0098	BASS
27-0102	SCHMIDT (SMITH)
27-0103	LOST
27-0104	MEDICINE
27-0107	PARKERS
27-0110	CAVANAUGH
27-0111-01	EAGLE/PIKE (EAGLE BAY)
27-0111-02	EAGLE/PIKE (PIKE BAY)
27-0116-01	RICE
27-0116-02	RICE (WEST)

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Minnesota Pollution Control Agency

Station ID	Station Name
27-0117	WEAVER
27-0118	FISH
27-0119	CEDAR ISLAND
27-0120-02	COOK (SOUTH)
27-0125	DIAMOND
27-0127	FRENCH
27-0129	DUBAY
27-0133-01	MINNETONKA (GRAYS BAY)
27-0133-02	MINNETONKA (LOWER LAKE)
27-0133-03	MINNETONKA (CARSONS BAY)
27-0133-04	MINNETONKA (ST.ALBANS BAY)
27-0133-05	MINNETONKA (UPPER LAKE)
27-0133-06	MINNETONKA (BLACK LK)
27-0133-09	MINNETONKA (HALSTEDS BAY)
27-0133-10	MINNETONKA (CRYSTAL BAY)
27-0133-11	MINNETONKA (MAXWELL BAY)
27-0133-12	MINNETONKA (STUBBS BAY)
27-0133-14	MINNETONKA (W. ARM)
27-0133-15	MINNETONKA (JENNINGS BAY)
27-0137	CHRISTMAS
27-0138	PEAVEY
27-0139	FOREST
27-0141	TANAGER
27-0144	GALPIN
27-0147-02	PETER (NORTH BAY)
27-0149	SPURZEM
27-0152	HALF MOON
27-0153	ARDMORE
27-0157	WOLSFELD
27-0160	LONG
27-0165	JUBERT
27-0171	SYLVAN
27-0176	INDEPENDENCE
27-0178	OX YOKE
27-0179-01	LITTLE LONG (N BAY)
27-0179-02	LITTLE LONG (S BAY)
27-0184-01	WHALETAIL (N. BAY)
27-0184-02	WHALETAIL (S. BAY)
27-0185	SAUNDERS
27-0187	HAUGHEY
27-0188	ROBINA
27-0191-01	SARAH (WEST BASIN)
27-0191-02	EAST SARAH (EAST BASIN)
27-0192	REBECCA

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Minnesota Pollution Control Agency

Station ID	Station Name
27-0199	HAFFTEN
27-0200	RATTAIL
27-0874	UNNAMED (PONDIDY)
29-0002	MOW (MAUL)
29-0015	WILLIAMS (CRYSTAL)
29-0017	HAM
29-0020	LOON
29-0025	NINTH CROW WING
29-0032	BIG BASS
29-0034-01	UPPER BASS
29-0043	SHINGOBEE
29-0048	BENEDICT
29-0061	GARFIELD
29-0066	MIDGE
29-0071	GRACE
29-0072	EIGHTH CROW WING
29-0075	KABEKONA
29-0077	THIRD CROW WING
29-0078	FOURTH CROW WING
29-0085	SECOND CROW WING
29-0086	FIRST CROW WING
29-0087	PALMER
29-0088	ISLAND
29-0089	SHALLOW
29-0090	DEER
29-0091	SEVENTH CROW WING
29-0092	FIFTH CROW WING
29-0093	SIXTH CROW WING
29-0101-01	CROOKED (E CROOKED)
29-0101-02	CROOKED (MID. BAY)
29-0110	DEAD (EAST DEAD)
29-0117-01	SPIDER (NE/SW BAY)
29-0117-02	SPIDER (EAST BAY)
29-0142	DUCK
29-0143	BIG STONY
29-0146	BELLE TAINE
29-0147	PETIT
29-0148	UPPER BOTTLE
29-0149	OJIBWAY (WEST DEAD)
29-0150	LITTLE SAND
29-0151-01	MANTRAP (E. BASIN)
29-0151-02	MANTRAP (MID. BASIN)
29-0151-04	MANTRAP (WEST ARM)
29-0151-05	MANTRAP (HOME BAY)

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Minnesota Pollution Control Agency

Station ID	Station Name
29-0156	PLANTAGENET
29-0157	UPPER TWIN
29-0161	LONG
29-0162	BOULDER
29-0169-01	PEYSENSKE (MAIN BAY)
29-0170	IDA
29-0172	STOCKING
29-0178	PICKEREL
29-0180	LOWER BOTTLE
29-0184	BLUE
29-0185	BIG SAND
29-0188	GILMORE
29-0208	BAD AXE
29-0212	SKUNK
29-0215	SCHOOLCRAFT
29-0216	GEORGE
29-0238	LITTLE SPEARHEAD
29-0239	SPEARHEAD
29-0242	FISH HOOK
29-0243	POTATO
29-0247	MORAN
29-0248	LORD
29-0249	HINDS
29-0250	PORTAGE
29-0254	ISLAND
29-0256	EAGLE
29-0289	MARY
29-0292	BEAUTY
29-0313	LITTLE MANTRAP
30-0009	TYPO
30-0022	SKOGMAN
30-0035	FLORENCE (PAUL'S)
30-0036	ELMS
30-0043	FANNIE
30-0072	LONG
30-0080	FRANCIS
30-0096	LORY
30-0100	GERMAN
30-0107-01	BLUE (NORTH BAY)
30-0107-02	BLUE (SOUTH BAY)
30-0135	SPECTACLE
30-0136	GREEN
31-0003	SOUTH STURGEON
31-0005	UNNAMED

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0007	NEW (LAKE ON FIVE)
31-0008	UNNAMED
31-0012	UNNAMED (MANISTOS)
31-0014	UNNAMED
31-0015	UNNAMED
31-0016	PANCAKE
31-0017	BENGAL
31-0020	HART
31-0023	HELEN (TANK)
31-0025	LITTLE FLOWER (LITTLE FOWLER)
31-0027	UNNAMED
31-0028	BEAUTY
31-0029	MARY (GANSEY)
31-0030	UNNAMED
31-0031	CROPLESS (ACROPOLISS)
31-0032-01	O'BRIEN (N PORTION)
31-0033	PICKEREL
31-0034-01	LITTLE O'BRIEN
31-0039	UNNAMED
31-0040	UNNAMED (WEST)
31-0042	MOOSE
31-0044	UNNAMED
31-0046	UNNAMED
31-0047	HORSEHEAD
31-0048	LIBBEY
31-0049	SHAFER
31-0050	MONSON
31-0051	STINGY
31-0052	BOWER
31-0054	TWENTY FOUR
31-0057	SHERRY
31-0058	BEATRICE
31-0059	JOHNSON
31-0060	SECTION ELEVEN
31-0061	UNNAMED
31-0062	UNNAMED
31-0064	UNNAMED (LEMEN FOX)
31-0065	SPRING
31-0067-01	SWAN (WEST BAY)
31-0067-02	SWAN (MAIN BASIN)
31-0069	BUCK
31-0070	O'LEARY
31-0071	WAMP
31-0072	CULP

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0073	BOG
31-0075	AUSTIN
31-0076	ROOTHOUSE
31-0078	MCGUIRE
31-0079	UNNAMED
31-0081	UNNAMED
31-0082	SAND
31-0083	HUDSON
31-0084	SHALLOW
31-0085	BULLHEAD
31-0086	UNNAMED
31-0089	UNNAMED
31-0091	UNNAMED
31-0093	LITTLE SAND
31-0096	LAMMON AID
31-0099	ROSHOLT
31-0100	UNNAMED
31-0101	UNNAMED
31-0106	OX HIDE
31-0107	UNNAMED
31-0115	BASS
31-0116	UNNAMED
31-0117	UNNAMED
31-0118	UNNAMED
31-0119	UNNAMED
31-0121	MOOSE (RICE)
31-0122	THIRD SUCKER
31-0124	SUCKER
31-0126	LITTLE SUCKER
31-0127	TRESTLE
31-0128	UNNAMED (PICKEREL)
31-0129	UNNAMED (DEEP)
31-0130	JACK
31-0131	CHRISTMAS
31-0132	MCGRADY
31-0134	LITTLE BUCK
31-0135	SOUTH FORK
31-0136	UNNAMED
31-0138	UNNAMED (BASS)
31-0141	SHOAL
31-0143	UNNAMED
31-0144	GRASS
31-0148	LITTLE MOOSE
31-0150	SCOOTY

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0152	WOLF
31-0153	UNNAMED
31-0154	HARTLEY
31-0155	HORSEHEAD
31-0156	LITTLE BEAR
31-0157	BEAR
31-0158	THISTLEDEW
31-0159	LILY
31-0160	MIRROR
31-0161	LITTLE DREW (LITTLE DEW)
31-0162	LITTLE MOOSE
31-0163	UNNAMED
31-0164	UNNAMED (SEVENTEEN)
31-0168	TUBER
31-0169	LAC LA BIJOU (TOWNLIN)
31-0170	LOST (ISLAND)
31-0171	CRUM
31-0174	HERRIGAN (LOST)
31-0175	BUTTON BOW (LONG)
31-0177	LITTLE ISLAND (TREBLE)
31-0178	COPPERSMITH
31-0179	TRIBLE (LITTLE ISLAND)
31-0180	MEAD
31-0183	FIVE ISLAND (BALL)
31-0184	SUN
31-0185	UNNAMED
31-0186	PERCH
31-0189	UNNAMED (RED)
31-0190	NORTH TWIN
31-0191	SOUTH TWIN
31-0193	CROOKED
31-0194	KLINGENDIEL
31-0195	UNNAMED (POTATO)
31-0196	POPLAR
31-0197	BATTLE
31-0198	LITTLE COWHORN
31-0199	ENID
31-0200	UNNAMED (MISS.)
31-0201	RICE
31-0202	UNNAMED (MCKINLEY)
31-0203	UNNAMED (CROOKED)
31-0204	UNNAMED
31-0205	UNNAMED
31-0206	MUD

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0207	BASS
31-0208	SAMPSON (MIKE)
31-0209	ROUND (CLEAR)
31-0210	BLACKBERRY
31-0214	CLEARWATER (ROUND)
31-0216	TROUT
31-0217	ISLAND
31-0220	LITTLE O'REILLY
31-0221	DUNNING
31-0224	MOONSHINE
31-0226	LITTLE DIAMOND
31-0230	BASS
31-0231	LAWRENCE
31-0232	ROSE (HALF MOON)
31-0237	UNNAMED
31-0238	LOWER LAWRENCE
31-0242	MOOSE (HASKELL)
31-0243	UNNAMED
31-0244	UNNAMED
31-0245	UNNAMED
31-0249	HOLMES
31-0250	UNNAMED
31-0251	UNNAMED
31-0253	CAMERTON
31-0254	IAASAC
31-0255	SNAPTAIL
31-0256	UNNAMED
31-0258	KING
31-0259	BALSAM
31-0260	WHITE SWAN
31-0261	BEAVER
31-0262	UNNAMED
31-0264	UNNAMED
31-0266-01	LONG
31-0266-02	LITTLE LONG
31-0268	ROUND
31-0269	STUMPLE
31-0270	BUCK
31-0271	MARBLE
31-0272	BUCKMAN
31-0273	UNNAMED
31-0275	STOWE
31-0276	SOMEMAN
31-0280	LITTLE WASSON

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0281	WASSON
31-0282	UNNAMED (BOOMERANG)
31-0284	RADDISON
31-0285	BLIND PETE
31-0289	LOST
31-0290	NAPOLEON
31-0291	KELLY (PICKLE)
31-0292	OWEN
31-0294	CRESCENT
31-0295	BASS
31-0296	LONG
31-0297	RAINBOW
31-0298	WALTERS
31-0299	KELLY
31-0300	UNNAMED
31-0301	OTTER
31-0303	O'DONNELL
31-0304	LINK (LYNX)
31-0305	ANN
31-0308	BARTLET
31-0309	BASS
31-0311	ERSKINE
31-0313	CAROLINE (NYMPH)
31-0314	DUCK
31-0316	BASS
31-0317	LARSON
31-0320	WILSON
31-0326	UNNAMED
31-0327	SPRING
31-0328	ELBOW
31-0329	UNNAMED (L. HORSESHOE)
31-0330	ISLAND
31-0332	LITTLE BASS (POPLAR)
31-0334	DEER
31-0336	UNNAMED (BEAVER)
31-0338	UNNAMED (LORRAINE)
31-0339	PICKEREL
31-0341	LITTLE SPLIT HAND
31-0342	UNNAMED
31-0343	DIRTY MIKE
31-0345	SCRAPPER
31-0349	ANTLER
31-0351	THIMBLE (THIMBER)
31-0353	SPLIT HAND

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0356	COWHORN
31-0358	STOKEY
31-0359	UNNAMED (MUNZER)
31-0361	HALE
31-0363	UNNAMED
31-0368	OLIVER
31-0370	MCKINNEY
31-0372	UNNAMED (ICE)
31-0373	HALE
31-0374	UNNAMED (FOREST)
31-0377	NAGEL
31-0378	UNNAMED
31-0380	UNNAMED
31-0382	UNNAMED
31-0383	UNNAMED
31-0384	PRAIRIE
31-0385	LOWER PRAIRIE
31-0390	BIRCH
31-0391	TWIN
31-0392	WABANA
31-0394	LITTLE TROUT
31-0395	BLUEWATER
31-0397	UNNAMED
31-0398	PICKERAL
31-0399	LITTLE WABANA
31-0400	RAINBARREL
31-0404	UNNAMED
31-0405	SPRING
31-0409	FRANCIS
31-0410	TROUT
31-0412	WILLEYS
31-0413	BURROWS
31-0414	MOON
31-0416	BLACK ISLAND
31-0418	BLIND
31-0419	CHARLIE
31-0421	UNNAMED
31-0422	RUBY
31-0424	BURNT SHANTY
31-0425	BROWN
31-0426	BROWN
31-0428	SPRING
31-0429	CUTAWAY
31-0430	BOG

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0431	MOSS
31-0432	LOST MOOSE
31-0433	LITTLE BURNT SHANTY
31-0436	BEAVER
31-0438	SAND
31-0441	MCALPINE
31-0444	MOONSHINE
31-0447	BEAVERTAIL
31-0448	SKEETER
31-0452	GUNN
31-0453	UNNAMED
31-0454	EAGLE
31-0455	MINK
31-0457	MUSKRAT
31-0458	LEBARGE
31-0460	EAST
31-0462	MY
31-0467	UNNAMED (SPRUCE)
31-0468	LINCOLN
31-0471	LITTLE OTTER
31-0473	MARY
31-0475	COURTNEY
31-0476	BROWN
31-0478	PINE
31-0479	LITTLE CLUBHOUSE
31-0480	GUNN
31-0482	DOE
31-0483	TUBBY
31-0484	BLANDIN
31-0485	UNNAMED
31-0486	WHITE PORKY
31-0487	LUM
31-0491	SECOND CHAIN
31-0492	GUM (GUNN)
31-0493	FIRST CHAIN
31-0494	GEORGE
31-0495	FISHHOOK
31-0497	FIFTH CHAIN
31-0499	UNNAMED
31-0500	LITTLE PORKY
31-0505	UNNAMED
31-0507	MARIE
31-0508	HOMESTAD
31-0510	UNNAMED

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0511	BASS (JEAN)
31-0512	ERICKSON
31-0513	GALE
31-0514	BRUSH SHANTY
31-0515	BLOOM
31-0517	UNNAMED (HENAN)
31-0518	CANOE
31-0519	UNNAMED (CANOE)
31-0520	LITTLE NECK
31-0522	LA BARGE
31-0523	UNNAMED
31-0525	UNNAMED (STEEL)
31-0526	PINE
31-0529	SHINE
31-0530	BUSTIES
31-0532-01	POKEGAMA (MAIN BAY)
31-0532-02	POKEGAMA (WENDIGO)
31-0533	BLANDIN
31-0534	SHOAL
31-0535	MOORE
31-0536	DOAN
31-0538	SPIDER
31-0540	CLUBHOUSE
31-0542	THREE ISLAND
31-0544	CAMERON
31-0545	HERRON
31-0547	SMITH
31-0550	HENNESSEY
31-0553	UNNAMED
31-0554	SISEEBAKWET (SUGAR)
31-0555	SOUTH SUGAR
31-0556	LONG
31-0559	UNNAMED
31-0560	FORSYTHE
31-0561	BLACKWATER
31-0562	UNNAMED
31-0563	WARBURG
31-0564	UNNAMED
31-0565	JAY GOULD
31-0567	LOST
31-0568	CUT-OFF
31-0569	GUILE
31-0570	LONG
31-0571	LOON

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0573	SALTER PND-SANDEENO
31-0574	STEVENS
31-0575	LITTLE BASS
31-0576	BASS
31-0577	UNNAMED (NEWTON)
31-0579	LOON
31-0580	DETHLOFF SLOUGH
31-0583	MALLARD
31-0585	MCAVITY
31-0586	JOHNSON
31-0590	BEAVER
31-0597	AMEN
31-0598	BIG HORN
31-0599	LITTLE BEAR
31-0600	HILL
31-0601	LITTLE PUGHOLE
31-0602	PUGHOLE
31-0603	LUCKY
31-0604	LAWRENCE
31-0605	LONG
31-0607	GREEN
31-0608	OTTER
31-0610	LITTLE MOOSE
31-0611	DEAD HORSE
31-0613	LITTLE LONG
31-0614	LEE
31-0615	BALDY
31-0616	EAST SMITH
31-0619	BUTTERFINGER
31-0620	CARIBOU
31-0621	LITTLE DEAD HORSE
31-0623	BOY
31-0624	GRAVE
31-0626	NORTHOME
31-0628	UNNAMED (JAW)
31-0631	UNNAMED
31-0632	MUD
31-0638	BEAVER
31-0639	HOOLIGAN
31-0640	BALLOON
31-0641	CARPENTER (MEYERS)
31-0642	ADELE
31-0645	KREMER
31-0646	SURPRISE

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0648	ROLAND
31-0649	DOCK
31-0650	SMITH
31-0651	SMITH
31-0652	UNNAMED (N. STAR)
31-0653	NORTH STAR
31-0654	BURNS
31-0656	BIG DICK
31-0657-01	JACK THE HORSE (N)
31-0657-02	JACK THE HORSE (S)
31-0658	LITTLE DICK
31-0659	ETHEL
31-0660	LITTLE RANIER
31-0663	FOREST
31-0664	RANIER
31-0665	LITTLE NORTH STAR
31-0666	UNNAMED
31-0667	CARPICS
31-0668	TELEPHONE
31-0669	RAFT
31-0670	BIG OLE
31-0671	BIG ISLAND
31-0672	UNNAMED
31-0674	PLUM
31-0675	PEAR
31-0677	HOLE-IN-WALL
31-0678	BILLS
31-0683	LITTLE MCKEWEN
31-0684	BLUEROCK
31-0685	UNNAMED
31-0686	BEVO
31-0687	JOHNSON
31-0688	CEDAR
31-0689	ISSAC (ELIZABETH)
31-0690	ASPEN
31-0691	BURR
31-0692	LAUCHOH
31-0693	SECOND
31-0694	EDMOND
31-0696	HORSESHOE
31-0697	DUCK
31-0699	THYDEAN
31-0700	MCDONALD
31-0701	JOEL

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0702	WILLIS
31-0703	TYE
31-0705	LUNDEEN
31-0706	MIKE
31-0707	RICE
31-0708	LOGGING SLOUGH
31-0709	BILLO
31-0712	CEMETARY
31-0713	BUSTIC (BUSTIE)
31-0716	LITTLE RICE
31-0717	RICE
31-0718	STEVENS
31-0719	DEER
31-0722	MOOSE
31-0724	SUOMI
31-0725	TURTLE (BIG TURTLE)
31-0726	BELLO
31-0727	GRASS
31-0731	UNNAMED
31-0732	FIGURE EIGHT
31-0734	SPRUCE
31-0735	SPRING (BARNEY)
31-0736	SKELLY
31-0737	CALLAHAN
31-0738	SPRING
31-0739	LEIGHTON
31-0740	LITTLE WHITE OAK
31-0741	LITTLE DRUM (DRUMBEATER)
31-0745	VAN PATTEN (L. RICE)
31-0747	LITTLE LEIGHTON
31-0748	MILLER
31-0749	CHASE
31-0750	MUD (LILLIAN)
31-0753	ALEX
31-0757	ZIMMY
31-0758	LITTLE BOWSTRING
31-0759	MAKI
31-0760	MCDONALD
31-0761	ALP
31-0762	TWO ISLAND
31-0763	CRIPPLED DEER
31-0764	JINGO
31-0765	UNNAMED
31-0766	UNNAMED

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0767	LITTLE ROSE
31-0768	BIG ROSE
31-0769	TWIN
31-0770	UPPER HATCH
31-0771	HATCH
31-0772	WEASEL
31-0773	MAPLE
31-0774	ELBOW
31-0775	NO-TA-SHE-BUN
31-0776	WHITE OAK
31-0778	LITTLE TOO MUCH
31-0779	LITTLE TURTLE
31-0780	BOGGY
31-0781	LONG
31-0782	GUNDERSON
31-0783	ELBOW
31-0784	LITTLE JESSIE
31-0785	TAYLOR
31-0786	JESSIE
31-0787	UNNAMED
31-0788	LA CROIX
31-0789	SPRING
31-0791	PETERSON
31-0792	GOODMAN
31-0794	LITTLE PETERSON
31-0795	SOUTH ACKERMAN
31-0796	GOOSE
31-0797	LITTLE SPRING
31-0798	EAST
31-0799	UNNAMED
31-0801	PICKERAL (PICKEREL)
31-0802	LAC-A-ROY
31-0803	TRESTLE
31-0804	HOLLAND
31-0805	ARROWHEAD
31-0806	BRUSH
31-0807	ELM
31-0808	LITTLE ROUND
31-0809	CROOKED
31-0810	SPUR
31-0811	PARK (LONG)
31-0812	BIG CLUB (BALL CLUB)
31-0814	FOUR TOWNS
31-0818	FIRST RIVER

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0819	TIBBETT
31-0820	UNNAMED
31-0821	TUTTLE
31-0822	LITTLE BALL CLUB
31-0823	TWO MILE
31-0824	PORTAGE
31-0825	MINNI-CAR-CAR
31-0826	SAND
31-0827	AMES
31-0828	STONE AXE
31-0829	CEDAR
31-0830	BEAVER
31-0832	RUSH ISLAND
31-0833	BASS
31-0834	BIRD'S EYE
31-0835	MUSHGEE
31-0836	LITTLE WHITEFISH
31-0838	DOG FISH
31-0839	HOLLOWAY (BASS)
31-0840	HELEN
31-0842	KILLDEER
31-0843	WHITEFISH
31-0850	LTL WINNIBIGOSHISH
31-0851	SCHOOL HOUSE
31-0852	LTL CUT FOOT SIOUX
31-0853	LITTLE SAND
31-0854	UNNAMED
31-0855	GOODWIN
31-0856	UNNAMED
31-0857-01	CUT FOOT SIOUX (MAIN BASIN)
31-0857-03	DEER
31-0859	WART
31-0860	UNNAMED
31-0861	MOSOMO
31-0862	BIAUSUAH
31-0863	GREELEY
31-0864	UNNAMED
31-0865	AMIK
31-0866	SUNKEN
31-0867	SIMPSON
31-0869	DRY CREEK
31-0870	UNNAMED
31-0871	UNNAMED
31-0873	UNNAMED

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0874	ALICE
31-0875	ONE LOAF
31-0876	RICE
31-0877	NATURES
31-0878	IRENE
31-0879	UNNAMED
31-0880	SCHOOL HOUSE
31-0882	DORA
31-0883	CODDINGTON
31-0889	GLOVE
31-0892	MIDDLE PIGEON
31-0893	LOWER PIGEON
31-0894	PIGEON DAM
31-0895	UNN PIGEON FLOWAGE
31-0896	ROUND
31-0898	MOOSE
31-0899	UNNAMED
31-0900	LOST
31-0901	WILDERNESS
31-0902	FARLEY
31-0903	HALE
31-0904	DUNBAR
31-0906	VIRGIN
31-0907	SIOUX
31-0908	UPPER PIGEON
31-0910	SHALLOW POND
31-0911	HAMREY
31-0912	WAGNER
31-0913	ISLAND
31-0914	WILLIAMS
31-0916	NESSETH
31-0920	BERGVILLE
31-0921	DIXON
31-0923	RABBITS
31-0924	TOWER
31-0925	RAVEN (LITTLE)
31-0926	SUGAR
31-0927	MINNY
31-0928	KENOGAMA (LONG)
31-0929	MORPH
31-0930	MINISOGAMA (ISLAND)
31-0931	BOG
31-0932	SOUTH UPPER TWIN
31-0935	ROSY

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0936	LITTLE DIXON
31-0937	MARIE
31-0939	SKIMERHORN
31-0942	RICE
31-0943	COLEMAN
31-0944	DAMON
31-0946	TIOGA MINE PIT
31-0967	BARRETT
31-0968	UNNAMED
31-0974	RICE BOG
31-0975	CAPTAIN LUKE
31-0978	FISHER
31-0982	ROCK
31-0992	DISHPAN
31-0995	FISH HATCHERY
31-1089	MINNOW
31-1091	CAMP FIVE
31-1095	BOWSTRING AIRPORT
31-1099	UNNAMED
31-1152	UNNAMED
31-1179	UNNAMED (SPIKE)
31-1242	UNNAMED
31-1243	FINN
31-1247	ROOSEVELT
31-1275	HAWKIN PIT
31-1281	JESSIE PIT
31-1299	IRVIN
31-1300	ENGLISH
31-1301	SEAMAN
31-1302	SPRING
31-1306	OLSON
31-1311	LAPLANT POND
31-1325-04	CANISTEO PIT
31-1325-14	DIAMOND PIT
31-1326-01	LARUE PIT
31-1335	SPRUCE
31-1336	BULLHEAD
31-1338	DUCK
31-1339	DEAD HORSE
31-1340	LITTLE MUD
31-1345	UNNAMED
31-1346	BEAVER
31-1347	UNNAMED
31-1348	UNNAMED

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Minnesota Pollution Control Agency

Station ID	Station Name
31-1349	JOEFELL
31-1350	UNNAMED
31-1351	UNNAMED
31-1352	UNNAMED
31-1353	UNNAMED
32-0018	FISH
32-0020	LOON
32-0022	CLEAR
32-0024	LITTLE SPIRIT
32-0057-01	HERON (NORTH MARSH)
32-0057-02	HERON (DUCK)
32-0057-05	HERON (NORTH HERON)
32-0057-07	HERON (SOUTH HERON)
33-0009	POMROY
33-0015	QUAMBA
33-0028	KNIFE
33-0032	LEWIS
33-0033	DEVIL'S
33-0036	FISH
33-0040	ANN
34-0022-02	ELIZABETH (MAIN)
34-0032	CARRIE
34-0044	DIAMOND
34-0062	CALHOUN
34-0066	LONG
34-0079	GREEN
34-0086	BIG KANDIYOHI
34-0116	HENDERSON
34-0119	ELKHORN
34-0142	GEORGE
34-0154	NEST
34-0158-02	MUD (MONOGALIA)
34-0158-04	CROW RIVER MILL POND (MID)
34-0169-03	WAKANDA (MAIN BASIN)
34-0171	EAGLE
34-0172	RINGO
34-0180	WILLMAR
34-0181	FOOT
34-0192	LONG
34-0193	POINT
34-0206	ANDREW
34-0217	FLORIDA
34-0218	CROOK
34-0224	GAMES

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Minnesota Pollution Control Agency

Station ID	Station Name
34-0246	EAST SOLOMON
34-0251	NORWAY
34-0283	SAINT JOHNS
34-0292	CHURCH
34-0347	HEFTA
35-0003	BRONSON
36-0009	SERETHA (GOSLIN)
36-0011	CLEAR
36-0018	BARTLETT
37-0046-01	LAC QUI PARLE (SE BASIN)
37-0046-02	LAC QUI PARLE (NW BASIN)
38-0011	AGAMOK
38-0047	WILSON
38-0069	HAZEL
38-0070	KAWASACHONG
38-0074	SQUARE
38-0080	KAWISHIWI
38-0090	MALBERG
38-0094	FROND
38-0098	KOMA
38-0104	POLLY
38-0108	KIVANIVA
38-0113	RAVEN
38-0126	ELTON
38-0134	LEDGE
38-0137	CAP
38-0139	ROE
38-0140	BOULDER
38-0147	MAKWA
38-0150	PANHANDLE
38-0151	PAN
38-0153	ADAMS
38-0157	ANIT
38-0166	CHERRY
38-0169	LAKE OF THE CLOUDS
38-0172	TOPAZ (STAR)
38-0180	OGISHKEMUNCIE
38-0187	EDDY
38-0188-01	KEKEKABIC POND (1ST)
38-0188-02	KEKEKABIC POND (2ND)
38-0191	SKINDANCE
38-0193	MUELLER
38-0194-01	JENNY (WEST BAY)
38-0195	ANNIE

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Minnesota Pollution Control Agency

Station ID	Station Name
38-0206	HANSON
38-0207	ESTER
38-0211	OTTERTRACK (CYPRESS)
38-0214	RABBIT
38-0216	TOTEM
38-0219	SILVER ISLAND
38-0220	PERENT
38-0222	BUGO
38-0223	BEAVER
38-0225	SAGUS
38-0226	KEKEKABIC
38-0227	AMOEBER
38-0229	LITTLE KNIFE
38-0242	JOHNSON
38-0321	UNNAMED
38-0329	CACABIC
38-0330	ALICE
38-0334	KIANA
38-0338	RIVER
38-0340	CAROL
38-0351	THOMAS
38-0360	STRUP
38-0361	WISINI
38-0365	AHMAKOSE
38-0366	GERUND
38-0369	HATCHET
38-0372	FRASER
38-0376	MUSKRAT
38-0381	SKOOTA
38-0388	SPOON
38-0389	PICKLE
38-0390	BONNIE
38-0391	DIX
38-0396	ISABELLA
38-0397	INSULA
38-0398	MISSIONARY
38-0400	IMA
38-0404	KNIFE
38-0406	LAX
38-0484	HUDSON
38-0488	DISAPPOINTMENT
38-0490	TRADER
38-0491	VERA
38-0492	NEGLIGE

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Minnesota Pollution Control Agency

Station ID	Station Name
38-0498	ENSIGN
38-0502	ASHIGAN
38-0503	BOOT
38-0505	HAVEN
38-0507	ABINODJI
38-0508	GIBSON
38-0509	JITTERBUG
38-0510	CATTYMAN
38-0511	JORDAN
38-0512	ADVENTURE
38-0516	AHSUB
38-0520	FROG
38-0521	CARP
38-0522	MELON
38-0523	SEED
38-0526	PARENT
38-0528	FOUR
38-0529	SNOWBANK
38-0530	SUCKER
38-0531	SPLASH (LITTLE IRON)
38-0532	BIRCH
38-0557	GROUSE
38-0567	RAT
38-0568	FLAT HORN
38-0580	HORSESHOE
38-0584	PICTRO
38-0590	GULL
38-0600	THREE
38-0605	ONE
38-0608	TWO
38-0610	RIFLE
38-0613	ROCK ISLAND
38-0619	NEWFOUND
38-0626	WASHTE
38-0637	BALD EAGLE
38-0638	CLEARWATER
38-0640	OJIBWAY
38-0641	JASPER
38-0642	WIND
38-0644	MOOSE
38-0645	BASSWOOD (WHOLE LK)
38-0703	LITTLE GABBRO
38-0704	TURTLE
38-0715	TRIANGLE

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Minnesota Pollution Control Agency

Station ID	Station Name
38-0724	TOFTE
38-0725	INDIANA
38-0726	GOOD
38-0728	HULA
38-0729	WOOD
38-0744	STEWART
38-0751	THOMAS
38-0778	SOUTH FARM
38-0779	FARM
38-0782	GARDEN
38-0785	TIN CAN MIKE
38-0786	SANDPIT
38-0792	HORSE
38-0794	JACKFISH
38-0796	MAINGAN
38-0797	PAKWENE
38-0806	WABOSONS
38-0811	FALL
38-0813	FOURTOWN
38-0814	NIKI
38-0815	BULLET
38-0816	MOOSECAMP
38-0817	CROOKED
38-0852	UNNAMED
38-0871	TOWNLIN
38-0948	RIVALRY
39-0002-01	LAKE OF THE WOODS (WHOLE LK)
39-0002-02	LAKE OF THE WOODS (4 MI BAY)
40-0002	UPPER SAKATAH
40-0011	MABEL
40-0031	TETONKA
40-0032	GORMAN
40-0033	VOLNEY
40-0051	FISH
40-0056	RAYS (CHARLES)
40-0057	FRANCES
40-0063	GERMAN
40-0092-01	JEFFERSON (E JEFF.)
40-0092-02	JEFFERSON (W JEFF.)
40-0092-03	JEFFERSON (SWEDE'S BAY)
40-0092-04	JEFFERSON (MIDDLE JEFF.)
40-0109	SCOTCH
40-0117	WASHINGTON
40-0124	EMILY

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Minnesota Pollution Control Agency

Station ID	Station Name
41-0021-01	DEAD COON (MAIN LAKE)
41-0034	STAY
41-0035	WEST STAY
41-0043	BENTON
41-0089	SHAOKOTAN
41-0110	HENDRICKS
42-0014	COTTONWOOD
42-0047	YANKTON
42-0070	EAST TWIN
43-0012	WINSTED
43-0034	SILVER
43-0073	HOOK
43-0084	MARION
43-0104	STAHL'S
44-0001	ROY (SIMON)
44-0003	TULABY
44-0006	BASS (BIG BASS)
44-0014	SOUTH TWIN
44-0023	NORTH TWIN
44-0038	ISLAND
44-0045	SNIDER
44-0169	LITTLE VANOSE
45-0119	UNNAMED (FLORIAN RSR)
46-0014-01	WILMERT (MAIN BAY)
46-0020	SOUTH SILVER
46-0025	SISSETON
46-0030	BUDD
46-0031	HALL
46-0034	AMBER
46-0076	PIERCE
46-0078	EAGLE
46-0096	CLEAR
46-0109	FOX
47-0002	FRANCIS
47-0015	JENNIE
47-0016	WOLF
47-0023	ARVILLA
47-0026	LONG
47-0032	SPRING
47-0038	BIG SWAN
47-0040	MUD
47-0042	BETTY (BETSY)
47-0046	WASHINGTON
47-0049-01	BELLE

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Minnesota Pollution Control Agency

Station ID	Station Name
47-0050	MANUELLA
47-0068	STELLA
47-0082	DUNNS
47-0088	RICHARDSON
47-0095	CLEAR
47-0096	LITTLE MUD
47-0119	MINNIE-BELLE
47-0129	STAR
47-0134-02	RIPLEY
47-0177	LONG
48-0002	MILLE LACS
49-0005	PEAVY
49-0015	LONG
49-0016	SULLIVAN
49-0019	ROUND
49-0024	PIERZ
49-0035	GREEN PRAIRIE FISH
49-0036-02	SYLVAN (N. BASIN)
49-0056	ROUND
49-0079	ALEXANDER
49-0081	PINE
49-0127	SHAMINEAU
49-0133	CROOKNECK
49-0137	FISH TRAP
49-0140	CEDAR
50-0002	EAST SIDE
51-0020	SECOND FULDA
51-0021	FIRST FULDA
51-0040	BLOODY
51-0046	SHETEK
51-0063	SARAH
51-0068	SUMMIT
51-0081	WILSON
51-0082	CURRANT
52-0001	UNNAMED (HALLET)
53-0024-01	OCHEDA (WEST BASIN)
53-0024-03	OCHEDA (EAST BASIN)
55-0001	FLORENCE
55-0003	SILVER
55-0004	ZUMBRO
55-0005	SHADY
55-0006	BAMBER
55-0024-01	CASCADE POND (MAYO)
55-0024-02	CASCADE POND (N CENTRAL)

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Minnesota Pollution Control Agency

Station ID	Station Name
55-0024-03	CASCADE POND (S CENTRAL)
55-0025	MANOR WOODS POND
56-0078	UNNAMED (RUSH)
56-0079	BLOCK
56-0114	WEST LEAF
56-0116-01	EAST LEAF (MIDDLE)
56-0116-02	EAST LEAF
56-0130	BIG PINE
56-0138	EAST BATTLE
56-0141	RUSH
56-0142	LITTLE PINE
56-0191-01	STUART (MAIN BASIN)
56-0191-02	STUART (LITTLE W. BAY)
56-0193	ETHEL
56-0237	BELMONT
56-0238	CLITHERALL
56-0239	WEST BATTLE
56-0240	BLANCHE
56-0242	OTTER TAIL
56-0243	MARION
56-0245	DEVIL'S
56-0252	MIDDLE
56-0253	EAGLE
56-0297	ROUND
56-0298	DEER
56-0302-01	SILVER (1ST SILVER)
56-0303	MOLLY STARK
56-0306	ELBOW
56-0310	WALKER
56-0328	LITTLE MCDONALD
56-0335	PAUL
56-0357	FIVE
56-0358	SCALP (SEVEN)
56-0360	ROSE
56-0369	SIX
56-0377	SOUTH TURTLE
56-0378-01	EAST LOST (N. BAY)
56-0378-02	EAST LOST (S. BAY)
56-0383	DEAD
56-0385	STAR
56-0386-01	BIG MCDONALD (N. BAY)
56-0386-02	BIG MCDONALD (W. MCDONALD)
56-0386-03	BIG MCDONALD (SE BAY)
56-0387	SYBIL

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
56-0388-02	LONG (MAIN LAKE)
56-0390	LONG
56-0437	STALKER
56-0475	PICKEREL
56-0517	EAST SILENT
56-0523	EAST LOON
56-0532-01	TROWBRIDGE
56-0532-02	LEEK
56-0559	CLEAR
56-0570	BASS
56-0574	LONG
56-0613	TEN MILE
56-0639	INDIAN
56-0651	LARSON
56-0656	FOSSAN
56-0658	WALL
56-0684	FISH
56-0695	HEILBERGER
56-0747-01	LIDA (MAIN BASIN)
56-0747-02	LIDA (SOUTH ARM)
56-0749	CRYSTAL
56-0759	FRANKLIN
56-0761	LITTLE PELICAN
56-0768	FISH
56-0770	BASS
56-0781	SWAN
56-0786	PELICAN
56-0867	ALICE
56-0931	TAMARAC
56-0945	ORWELL
56-0950-01	WEST OLAF
56-1149	BERGER
56-1636	KERBS
58-0024	TAMARACK
58-0038	NET
58-0048	OAK
58-0062	ISLAND
58-0067	STURGEON
58-0068	ELEVEN
58-0073	DAGO
58-0078	RUSH
58-0081	SAND
58-0107	LONG
58-0119	CROSS

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Minnesota Pollution Control Agency

Station ID	Station Name
58-0123	GRINDSTONE
58-0127	LITTLE BASS
58-0129	LITTLE PINE
58-0130	UPPER PINE
58-0132	INDIAN
58-0135	MILLER
58-0136	RHINE
58-0138	BIG PINE
58-0142	POKEGAMA
60-0006	POPLAR
60-0015	WHITEFISH
60-0027-02	CROSS (MAIN BASIN)
60-0032	TURTLE
60-0060	UNNAMED (HAMRE)
60-0069	SAND HILL
60-0130	STORE
60-0139	UNNAMED (JEPPSON)
60-0142	HILL RIVER
60-0144	BREEZE
60-0202	SARAH
60-0217	UNION
60-0222	UNNAMED (BUNGUM)
60-0293	CABLE
60-0305	MAPLE
61-0006	JOHANNA
61-0023	GROVE
61-0037	LINKA
61-0041	SCANDINAVIAN
61-0055	TERRACE MILL POND
61-0060	MARLU
61-0064	AMELIA
61-0066	LEVEN
61-0067	VILLARD
61-0072	GILCHRIST
61-0078	RENO
61-0092	HOFF
61-0111	PELICAN
61-0122	ANN
61-0128	STRANDNESS
61-0130	MINNEWASKA
61-0149	SIGNALNESS (MOUNTN)
61-0162	MALMEDAL
61-0180	EMILY
62-0001	SILVER

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Minnesota Pollution Control Agency

Station ID	Station Name
62-0002	BALD EAGLE
62-0004	PIGS EYE
62-0006	KOHLMAN
62-0007	GERVAIS
62-0009	ROUND
62-0010-02	KELLER (MAIN)
62-0011	WAKEFIELD
62-0012	ROUND
62-0013	PHALEN
62-0018	DEEP
62-0022	UNNAMED (TAMARACK)
62-0024	BIRCH
62-0027	GILFILLAN
62-0034	GOOSE
62-0036	PRIEBE
62-0037	GEM
62-0043	WILKINSON
62-0046	PLEASANT
62-0049-01	LANGTON (N. BAY)
62-0049-02	LANGTON (S. BAY)
62-0054	McCARRON
62-0055	COMO
62-0056	OWASSO
62-0057	JOSEPHINE
62-0061	TURTLE
62-0062	CHARLEY
62-0067	LONG
62-0068	RUSH
62-0069	PIKE
62-0071	VALENTINE
62-0073	SNAIL
62-0075-01	ISLAND (BASIN S. OF I-694)
62-0075-02	ISLAND (BASIN N. OF I-694)
62-0078	JOHANNA
62-0080	EMILY
62-0081	JUDY (MUD)
62-0082	WABASSO
62-0083	SILVER
62-0095	EVERGREEN PNDS (KERRY)
64-0150	LAURA
65-0006	ALLIE
66-0008	CANNON
66-0010	WELLS
66-0014	DUDLEY

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
66-0015	KELLY
66-0018	ROBERDS
66-0027	CIRCLE
66-0029	FOX
66-0032	UNION
66-0038	FRENCH
66-0039	MAZASKA
66-0044	LOWER SAKATAH
66-0047	HUNT
66-0052	CEDAR
66-0055	SHIELDS
69-0004	WHITE IRON
69-0007	PARADISE
69-0011	PEQUAYWAN
69-0018	SCHAEFFER
69-0027	STONE
69-0030	WHITE
69-0041	BASSETT
69-0066	LITTLE LONG
69-0069	SHAGAWA
69-0075-01	NORTH HEGMAN
69-0075-02	SOUTH HEGMAN
69-0078	MUDRO
69-0081	REGENBOGEN
69-0088	WAGOSH
69-0089	BEAR TRAP
69-0090	SINNEEG (THUNDER)
69-0091	MUDHOLE
69-0092	GULL
69-0093	GUN
69-0094	FAIRY
69-0100	BOOT
69-0104	SUNDAY
69-0111	SMITH
69-0114	CADOTTE
69-0115	BEAR ISLAND
69-0116	MITCHELL
69-0118	BURNTSIDE
69-0119	FIRST
69-0121	IRON
69-0128	BRIAR
69-0129	SPRING
69-0131	ALDEN (WEST ALDEN)
69-0161	WOLF

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0170	MAXINE
69-0190	BIG
69-0192	WHITE FEATHER
69-0202	DARK
69-0203	RUSH
69-0204	FOX
69-0205	STUART
69-0206	STERLING
69-0207	BIBON 1
69-0208	NIBIN
69-0218	EAGLES NEST #4
69-0220	CRAB
69-0221	CUMMINGS
69-0223	AGNES
69-0224	LAC LA CROIX
69-0230	SCHULTZ
69-0235	SUNSHINE
69-0238	EAGLE
69-0241	THOMPSON
69-0249	COLBY
69-0277	CLEAR
69-0278	ARMSTRONG
69-0281	FOUR MILE
69-0282	NEEDLE BOY
69-0283	SIX MILE
69-0285-01	EAGLES NEST #1
69-0285-02	EAGLES NEST #2
69-0285-03	EAGLES NEST #3
69-0292	GLENMORE
69-0294	SCHLAMM (SCHLAM)
69-0295	LUNETTA
69-0296	LITTLE CRAB
69-0299	HASSEL
69-0307	CLARK
69-0315	KORB
69-0330	OYSTER
69-0332	LITTLE HUSTLER (RUBY)
69-0340	NINA MOOSE
69-0342	ROCKY
69-0343	HUSTLER
69-0350	GE-BE-ON-EQUAT
69-0358	GREEN
69-0371	WILD RICE
69-0372-01	ISLAND RSVR. (W. BASIN)

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0372-02	ISLAND RSVR. (E. BASIN)
69-0375	WHITEFACE RESRVOIR
69-0378-01	EAST VERMILION
69-0378-02	WEST VERMILION
69-0378-03	VERMILION (PIKE BAY)
69-0379	WESTERN
69-0381	BUCK
69-0383	LYNX
69-0384	LITTLE SHELL
69-0394	FLOWAGE
69-0412-01	UPPER COMSTOCK
69-0414	MARKHAM
69-0426	LOON
69-0429	SABIN (EMBARRASS PIT)
69-0434-02	WYNNE (S. WYNNE)
69-0450	CHAD
69-0456	JEANETTE
69-0461	SHELL
69-0464	LOWER PAUNESS
69-0470	LOON
69-0473	EUGENE
69-0474	SOUTH
69-0475	STEEP
69-0478	SLIM
69-0479	LITTLE BEARTRACK
69-0480	BEARTRACK
69-0488	NORTH
69-0489	CARIBOU
69-0490	PIKE
69-0491-01	FISH LK FLOWAGE (MAIN BASIN)
69-0491-02	FISH LK FLOWAGE (E. BAY)
69-0493	LONG
69-0511	GRAND
69-0513	LITTLE GRAND
69-0515	BERGEN
69-0519	SIDE (BOWMAN)
69-0521	LEORA (ELORA)
69-0523	DODO (W. LEORA)
69-0525	ROSE
69-0529	STRAND
69-0542	WILSON
69-0545	CAMERON
69-0546	SCHUBERT
69-0553	BASS

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0565	ESQUAGAMA
69-0568-02	CEDAR ISLAND (S. PORTION)
69-0615	ECHO
69-0617	SAND POINT
69-0627	NICHOLS
69-0646	MURPHY
69-0651	ST. MARY'S
69-0653	LONG
69-0654	HORSESHOE
69-0660	ELY
69-0662	SILVER
69-0663	VIRGINIA
69-0693	NAMAKAN
69-0694	RAINY
69-0700	MAPLE LEAF
69-0701	AERIE
69-0717	ELBOW
69-0721	MAJESTIC
69-0731	AUTO
69-0732	LITTLE SAND
69-0736	SAND
69-0742	BAN
69-0744	ELBOW
69-0748	KJOSTAD
69-0749	MYRTLE
69-0760	LITTLE JOHNSON
69-0763	DOHERTY (SPIRIT)
69-0794	THIRTEEN
69-0796	LEANDER
69-0810	ELEPHANT
69-0841	PELICAN
69-0842	BLACKDUCK
69-0845	KABETOGAMA
69-0848	PRAIRIE
69-0857-01	LONGYEAR (S. BAY)
69-0857-02	LONGYEAR (N. BAY)
69-0859-01	LONG (MAIN BASIN)
69-0864	ASH
69-0889	ISLAND
69-0906	DAY
69-0910	SHOE PACK
69-0912	DEWEY
69-0914	MCCORMACK
69-0917	ROCK

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0922	RAT
69-0923	HOBSON
69-0925	SHANNON
69-0929	UNNAMED (MARK)
69-0932	PERCH
69-0933	SIDE
69-0934	PICKEREL
69-0938-01	MORAN (MAIN BASIN)
69-0938-02	MORAN (SOUTH BASIN)
69-0939-01	STURGEON (MAIN BASIN)
69-0939-02	MIDDLE STURGEON
69-0939-03	WEST STURGEON
69-0965	UNNAMED (HARTLEY POND)
69-0987	BIRD
69-1064	BOTTLE
69-1290	LITTLE STURGEON
69-1306	GILBERT PIT
70-0009	KRENZ
70-0010	MURPHY
70-0011-02	UNNAMED (SOUTH PORTION)
70-0016	UNNAMED (DAN PATCH)
70-0019	HANRAHAN
70-0022	CLEARY
70-0026	LOWER PRIOR
70-0054	SPRING
70-0069	FISH
70-0072	UPPER PRIOR
70-0091	CEDAR
71-0001	TWIN
71-0013-01	UPPER ORONO
71-0013-02	LOWER ORONO
71-0016	FREMONT
71-0040	SANDY
71-0041	CANTLIN (CAITLIN)
71-0055	ELK
71-0057	BIRCH
71-0067	EAGLE
71-0069	ANN
71-0081	MITCHELL
71-0082	BIG
71-0096	THOMPSON
71-0123	CAMP
71-0141	ELK (BIG ELK)
71-0145	JULIA

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Minnesota Pollution Control Agency

Station ID	Station Name
71-0146	BRIGGS
71-0147	RUSH
71-0158	PICKEREL
71-0159	LONG
71-0167	UNNAMED (ROUND)
72-0042	TITLOW
72-0050-01	HIGH ISLAND (MAIN BASIN)
72-0089	CLEAR
73-0004	LONG
73-0006	CROOKED
73-0007	QUINN
73-0014	MARIE
73-0015	OTTER
73-0035	SCHOOL SECTION
73-0037	PEARL
73-0038	CARNELIAN
73-0051	PLEASANT
73-0055	GRAND
73-0064	KRAEMER
73-0070	WATAB
73-0072	ROSSIER
73-0082	SCHNEIDER
73-0083	GREAT NORTHERN
73-0086	KNAUS
73-0087	KRAYS
73-0088	BOLFING
73-0089	ZUMWALDE
73-0096	SCHUMAN
73-0097	KREIGHLE
73-0100	KALLA
73-0102	BIG WATAB
73-0106	BIG FISH
73-0107	LONG
73-0117	BIG SPUNK
73-0118	PELICAN
73-0122	OCHOTTO
73-0123	LOWER SPUNK
73-0128	MIDDLE SPUNK
73-0132	THEIN
73-0133-01	CEDAR ISLAND (MAIN BAY)
73-0133-03	CEDAR ISLAND (KOETTER LK)
73-0136	PINE
73-0138	TWO RIVERS
73-0139	LONG

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Minnesota Pollution Control Agency

Station ID	Station Name
73-0144	PIRZ
73-0147	NORTH BROWN'S
73-0150	EDEN
73-0151	MUD (VAILS)
73-0156	BECKER
73-0157	HORSESHOE
73-0159	BIG
73-0183	ST. ANNA
73-0190	BEAR
73-0196	RICE
73-0199	SAND
73-0200-02	KORONIS (MAIN BASIN)
73-0215	MARIA
73-0231	LONG
73-0233	KINGS
73-0237	HENRY
73-0244	ELLERING
73-0249	SYLVIA
73-0701	UNNAMED (QUARRY POND)
73-0703	UNNAMED (QUARRY 11)
74-0019	KOHLMEIER
74-0023	BEAVER
75-0019	PAGE
75-0075	PERKINS
75-0200	HATTIE
76-0033	MONSON
76-0072	CAMP
77-0007	MOUND
77-0023	BIG SWAN
77-0024	BASS
77-0026	MOOSE
77-0027	LONG
77-0035	BEAUTY
77-0046	COAL (COLE)
77-0067	PINE ISLAND
77-0077	PINE ISLAND
77-0084-01	BIG BIRCH (NORTH)
77-0084-02	BIG BIRCH (SOUTH)
77-0089	LITTLE BIRCH
77-0105	LATIMER
77-0128	HORSESHOE
77-0149-01	LONG (MAIN BASIN)
77-0149-02	LONG (SOUTH BAY)
77-0150-01	SAUK (SW BAY)

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Minnesota Pollution Control Agency

Station ID	Station Name
77-0150-02	SAUK (NORTH BAY)
77-0154	FAIRY
77-0164	LITTLE SAUK (LONGBRIDGE)
77-0181	MAPLE
77-0201	LITTLE OSAKIS
77-0215	OSAKIS
78-0025	TRAVERSE
80-0027-01	JIM COOK (WEST)
80-0030	LOWER TWIN
80-0034	BLUEBERRY
80-0037	STOCKING
80-0038	MORGAN
80-0039	SPIRIT
81-0003	ST. OLAF
81-0014-01	CLEAR
81-0015	LOON
81-0055	REEDS
81-0095-01	ELYSIAN (UPPER - U/S DAM)
82-0001	ST. CROIX
82-0009	CLOVERDALE
82-0010	MCDONALD
82-0014	LITTLE CARNELIAN
82-0016	SILVER
82-0021	LONG
82-0023	LILY
82-0030	LONG (MAY TWP)
82-0044	WEST BOOT
82-0046	SQUARE
82-0049	BIG CARNELIAN
82-0052-04	BIG MARINE (MAIN LAKE)
82-0054	BONE
82-0059	GOOSE
82-0067	SAND
82-0080	HALFBREED
82-0090	WILMES
82-0091	BATTLE CREEK
82-0092	POWERS
82-0101	DEMONTREVILLE
82-0103	OLSON
82-0104	JANE
82-0106	ELMO
82-0128	UNNAMED
82-0130	LONG
82-0135	UNNAMED (ECHO)

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Minnesota Pollution Control Agency

Station ID	Station Name
82-0153	SUNSET
82-0159	FOREST
82-0163	CLEAR
82-0167	WHITE BEAR
82-0313	UNNAMED (GOETSCHEL)
82-0474	UNNAMED
83-0036	KANSAS
83-0040	LONG
83-0043	ST. JAMES
86-0009	MARTHA
86-0011	CHARLOTTE
86-0023	BEEBE
86-0034	CEDAR
86-0041	DEAN
86-0051	CONSTANCE
86-0053-02	PULASKI (MAIN)
86-0066	BIRCH
86-0068	MUD
86-0086	FOUNTAIN
86-0090	BUFFALO
86-0106	LITTLE WAVERLY
86-0107	DEER
86-0114	WAVERLY
86-0119	SULLIVAN
86-0120	RAMSEY
86-0134-01	UPPER MAPLE
86-0139-02	LITTLE MARY (N BAY)
86-0146	IDA
86-0148	EAGLE
86-0156	MARY
86-0163	LIMESTONE
86-0171	EMBER
86-0182	ROCK
86-0183	FISH
86-0190	ANN
86-0193	MARY
86-0199	HOWARD
86-0217	GRANITE
86-0221	CAMP
86-0223	INDIAN
86-0227	CEDAR
86-0229	MINK
86-0230	SOMERS
86-0233	SUGAR

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
86-0234	BASS
86-0238	NIXON
86-0242	WIEGAND
86-0243	GRASS
86-0251	PLEASANT
86-0252-01	CLEARWATER (EAST)
86-0252-02	CLEARWATER (WEST)
86-0263	COKATO
86-0264	BROOKS
86-0273	FRENCH
86-0279	WEST SYLVIA
86-0281	CAROLINE
86-0282	LOUISA
86-0284	AUGUSTA
86-0288	JOHN
86-0289	EAST SYLVIA
86-0293	COLLINWOOD
86-0297	SCOTT
86-0298	UNION
87-0016	CURTIS (HOUSTON)

Project CLRECWTR Chisago Lakes Receiving Water Monitoring

Start Date 11/01/2003 **Planned Duration** 02-01-2004

Purpose Documenting the Sunrise River's winter characteristics prior to the expansion of the Chisago Lakes Joint Sewage Treatment Commission's wastewater treatment plant.

(Data collected by this project in the winter of 2003-2004 indicate that the Sunrise River from Pool 3 outlet to the Kost Dam, AUID 07030005-540, was impaired by low dissolved oxygen and the reach was added to the 2006 TMDL list. MN DNR and PCA continued monitoring of this area 1-3-2006 under the STORET Project ID "SUNP3KDO," aka "Sunrise River Pool 3 Outlet to Kost Dam DO Monitoring.")

Project Design Sample seven locations by hand dipping, buckets and sewage samplers, and test with pH meter, DO meter, Winkler and conductivity meter.

Assigned Stations

Station ID	Station Name
13-0037	UNNAMED
S000-994	SUNRISE RIVER AT CSAH-14, 4 MI NW OF LINDSTROM
S000-996	TRIB TO SUNRISE R AT CR-77, 2 MI NW OF LINDSTROM
S000-997	TRIB TO SUNRISE R AT IVYWOOD TRAIL NW LINDSTROM
S001-423	SUNRISE R AT MN-95 2.25 MI S OF SUNRISE
S001-692	SUNRISE R DOWNSTREAM OF KOST DAM, 4 MI W OF ALMELUND
S002-249	SUNRISE R DOWNSTREAM OF POOL 3 DAM, 4.5 MI N OF CHISAGO, MN

Project CLRW-S Clearwater County Citizens Lake Monitoring Program

Project Summary

March 03, 2009 12:28:21

MNPCA1

Minnesota Pollution Control Agency

Start Date 06/01/2008 **Planned Duration** 2 Year

Purpose The purpose of this project is to collect a complete dataset for Clearwater County lakes while fostering lake association participation, ownership, and understanding of their lakes.

Study Area Clearwater County

Project Design Lab Information:
RMB Laboratory

Field Procedure Information:
Sample Collection Method and Gear - Integrated sampler
Field Measurements Methods and Instrumentation - phosphorus and chlorophyll a with integrated sampler; transparency with secchi disk.

Obtain Plan Local Project Coordinator:
Karen Tehennepe
Clearwater SWCD
213 Main Ave. N
Bagley, MN
218-694-6845
karen.tehenepe@mn.nacdn.net

Assigned Stations

Station ID	Station Name
04-0342	MOOSE
04-0343	CLEARWATER
15-0001	BIG LASALLE
15-0057	LONG
15-0058	HEART
15-0059	UPPER RICE
15-0060	WALKER BROOK
15-0068	LONG LOST
15-0069	COX
15-0079	MINERVA
15-0081	LOMOND
15-0092	FIRST
15-0104	LONE
15-0108	PICKEREL
15-0123	HOOT OWL (BUNGO)
15-0137	MINNOW
15-0139	FIRST
15-0144	LINDBERG
15-0149	PINE
44-0001	ROY (SIMON)

Project CLRWATER Clearwater River and Walker Brook Fecal TMDL

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Monitor Clearwater River for Fecal Coliform

Red Lake Watershed District in the Red River Valley

Study Area Clearwater River

Project Summary

March 03, 2009 12:28:21

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Minnesota Pollution Control Agency

Study Area Red Lake Watershed District in the Red River Valley

Assigned Stations

Station ID	Station Name
S001-906	CLEARWATER RIVER AT BRIDGE ON US-2, 1 MI E OF BAGLEY
S001-907	CLEARWATER RIVER, CULVERT AT CR-91, 3.5 MI NE OF BAGLEY
S001-908	CLEARWATER R AT CSAH 2 BRG, 4 MI N OF SHEVLIN
S001-909	CLEARWATER R AT CSAH 22 BRG, 1 MI W OF PINEWOOD
S001-910	CLEARWATER R JUST S OF CSAH 25 AT BAGLEY
S001-911	CLEARWATER R AT CSAH 24, 6 MI NE OF LEONARD
S003-382	CLEARWATER R AT CR-23, 5 MI S OF LEONARD, MINNESOTA

Project CLRWTR Lake Louisa and Clearwater River Turbidity TMDL

Start Date 01/01/1981 **Planned Duration** Ongoing

Purpose Officially "Lake Louisa and the Clearwater River between Clear Lake and Lake Betsy." Phase II began in April, 2005, and is planned to finish in two years.

Problem investigation for dissolved oxygen, bacteria and nutrients.

Includes Clearwater River (Upper Mississippi Basin) Lakes, Clean Lakes Project data collected between 1981 and 1996, and migrated from Legacy STORET.

Study Area Clearwater River
Clearwater Watershed District, near St. Cloud

Project Design Grab samples taken with Van Dorn bottle

YSI meter used to determine temperature, dissolved oxygen, conductivity, and pH.

Obtain Plan Clearwater River Watershed District. "Clearwater River and Lake Louisa TMDL Phase II Workplan." 2005.

Assigned Stations

Station ID	Station Name
47-0042	BETTY (BETSY)
47-0095	CLEAR
47-0096	LITTLE MUD
73-0014	MARIE
73-0015	OTTER
73-0035	SCHOOL SECTION
86-0208	SWARTOUT
86-0212	ALBION
86-0213	HENSHAW
86-0227	CEDAR
86-0234	BASS
86-0238	NIXON
86-0242	WIEGAND
86-0243	GRASS
86-0251	PLEASANT
86-0252-01	CLEARWATER (EAST)
86-0252-02	CLEARWATER (WEST)
86-0281	CAROLINE

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
86-0282	LOUISA
86-0284	AUGUSTA
86-0297	SCOTT
86-0298	UNION
S002-657	CD #20, E TRIB, NEAR MEEKER-STEARNES BDRY, 1.2 MI NE WATKINS
S002-658	CO. DITCH 20, E TRIB, NEAR CONFL. WITH W TRIB. NE OF WATKINS
S002-659	CO. DITCH 20, W TRIB. NEAR CONFL. WITH E TRIB. NE OF WATKINS
S002-660	CLEARWATER R. AT CLEARWATER
S002-661	CLEARWATER R CHANNEL FROM CLEARWATER LK TO GRASS LK
S002-662	CLEARWATER R., CHANNEL FROM L. AUGUSTA TO CLRWTR
S002-663	CLEARWATER R. AT L. CAROLINE OUTLET
S002-664	CLEARWATER R. DWNSTRM FROM FAIRHAVEN DAM
S002-665	CLEARWATER R. DWNSTRM FROM SCOTT L.
S002-666	CLEARWATER R. AT MN-15/24 BRG, UPSTRM FROM L. BETSY
S002-667	CLEARWATER R. AT COUNTY RD. 17, 2.4 MI SO WATKINS
S002-668	COUNTY DITCH 20 APPROX 1 MI DWNSTRM FROM WATKINS
S002-669	COUNTY DITCH 20 AT WATKINS
S002-670	WILLOW CK. AT KIMBALL
S002-671	THREE MILE CK. AT INLET TO OTTER L.
S002-672	WARNER CK. NEAR INLET TO CLEARWATER L.
S002-673	PLEASANT L. CK. BETWEEN PLEASANT AND CLRWTR L.
S002-674	FAIRHAVEN CK. AT CR-44, NEAR FAIRHAVEN
S002-712	CLEARWATER R AT BR IN S20/SEQ 4 MI SE OF WATKINS
S002-713	CLEARWATER R. AT S27-S28 LINE 3 MI S OF KIMBALL
S002-714	COUNTY DITCH 44 NEAR CONFL. WITH CLRWTR R.
S002-715	THREE MILE CK. AT INLET TO CLRWTR L.
S002-716	UNION L. CK. BETWEEN UNION AND SCOTT L.
S002-717	WARNER CK AT MN-55 1.5 MI SE OF ANNANDALE
S003-404	CD-20 0.1 M N 380TH ST, 1.16 M SE OF WATKINS, MN
S003-405	CD-20 AT CSAH-55, 0.2 MI SE OF WATKINS, MN
S003-406	CD-20 AT 380TH ST, 1.3 MI SW OF WATKINS, MN
S003-407	CLEARWATER R (CD-44) AT 657TH AVE, 2.8 MI SW OF WATKINS, MN
S003-408	CLEARWATER R AT 360TH ST, 2.9 MI SW OF SOUTH HAVEN, MN
S003-409	CLEARWATER R AT L BETSY OUTLET, 3.2 MI SW OF SOUTH HAVEN, MN
S003-410	CLEARWATER R AT INLET L BETSY, 2.4 MI SSE OF KIMBALL, MN
S003-411	CLEARWATER R AT 732ND AVE, 2.4 MI S OF KIMBALL PRAIRIE, MN
S003-412	CLEARWATER R 0.18 M E CSAH-15, 3.3 MI S OF KIMBALL, MN
S003-413	CLEARWATER R AT CSAH-15, 3.5 MI S KIMBALL PRAIRIE, MN
S003-414	CLEARWATER R AT SECTION LINE, 3.2 MI SSE OF WATKINS, MN

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S003-415	CLEARWATER R AT CSAH-17, 3.3 MI SSE OF WATKINS, MN
S003-416	CLEARWATER R AT CSAH-17, 2.8 MI SSE OF WATKINS, MN
S003-417	UNN TRIB TO CLEARWATER R AT 353RD AVE, 3.8 M S KIMBALL, MN
S003-418	UNN TRIB TO CLEARWATER R AT 350TH ST, 4.2 MI SW KIMBALL, MN
S003-419	UNN TRIB TO CLEARWATER R AT 707TH AVE, 4.3 M NW KINGSTON, MN
S003-420	UNN TRIB TO CLEARWATER R, 3.5 MI SW KIMBALL PRAIRIE, MN
S003-421	UNN TRIB TO CLEARWATER R, 4.3 MI SE OF WATKINS, MN
S003-422	UNN TRIB TO CLEARWATER R, 4.3 M SE WATKINS, MN
S003-423	UNN TRIB TO CLEARWTR R, 0.1 MI S 365TH ST, 3.5 MI SE WATKINS
S003-424	UNN TRIB TO CLEARWATER R, 3.3 MI SE WATKINS, MN
S003-425	CLEARWATER R AT 360TH ST, 2.5 MI SW SOUTH HAVEN, MN
S003-426	CLEARWATER R AT OUTLET SCOTT L, 2.3 M SW SOUTH HAVEN, MN
S003-427	INLET TO L UNION, 0.7 M N CSAH-19, 3.7 M SW SOUTH HAVEN, MN
S003-428	OUTLET OF L UNION AT ROSEWOOD AVE, 3.3 M SW SOUTH HAVEN, MN
S003-429	CD-20 AT CSAH-17 AND 380TH ST, 1.47 MI SE OF WATKINS, MN
S003-430	UNN TRIB TO CD-20 NEAR 4TH ST, 0.6 M NE OF WATKINS, MN
S003-431	WILLOW CK AT L BETSY, 2.4 MI SSE OF KIMBALL PRAIRIE, MN
S003-433	WILLOW CK 1.7 MI NE END KINGSTON RD, 1.9 MI S KIMBALL PRAIRI
S003-434	WILLOW CK 0.2 MI E CR-150, 1.3 MI SSE KIMBALL PRAIRIE, MN
S003-435	WILLOW CK AT MN-15, 0.3 MI S OF KIMBALL PRAIRIE, MN
S003-436	WILLOW CK AT GRAVEL PIT, 0.8 MI SW KIMBALL PRAIRIE, MN
S003-437	WTLD STM TO WILLOW CK AT CR-150, 1.8 MI S KIMBALL PRAIRIE
S003-438	UNN TRIB TO WILLOW CK NEAR MN-15, 1.6 MI SSW OF KIMBALL, MN
S003-439	UNN TRIB TO WIILLOW CK NEAR MN-15, 1.4 MI SSW OF KIMBALL, MN
S003-579	UNN TRIB TO PLEASANT L AT CSAH-55, 0.8 MI W OF ANNANDALE, MN
S003-580	UNN TRIB TO PLEASANT L AT 75TH ST NW, 1.3 MI W ANNANDALE, MN
S003-581	CD-20 0.2 MI UPSTRM SOO LINE, 0.5 MI NE OF WATKINS, MN
S003-582	CLEARWATER R AT GRASS L OUTLT, 5 MI ENE FAIRHAVEN, MN
S003-583	UNN TRIB AT 67TH ST NW, 1 MI SE ANNANDALE, MN
S003-584	PLEASANT L INLET AT CSAH-55, 0.4 MI W OF ANNANDALE, MN
S003-585	GRASS L MIDDLE INLET AT LAKE, 4.7 MI N ANNANDALE, MN
S003-586	GRASS L MIDDLE INLET 0.02 MI UPSTM OF L, 4.7 MI N ANNANDALE
S003-587	GRASS L N INLET AT LAKE, 4.7 MI N ANNANDALE, MN
S003-588	GRASS L N INLET 0.07 MI UPSTM OF LAKE, 4.7 MI N ANNANDALE
S003-589	GRASS L N INLET 0.13 MI UPSTM OF LAKE, 4.7 MI N ANNANDALE

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S003-590	GRASS L S INLET AT LAKE, 4.7 MI N ANNANDALE, MN
S003-591	GRASS L S INLET 0.02 MI UPSTM OF LAKE, 4.7 MI N ANNANDALE
S003-592	PLEASANT L INLET AT N SIDE CSAH-55, 0.4 MI W OF ANNANDALE
S003-593	PLEASANT L INLET AT 75TH ST NW, 0.6 MI SW OF ANNANDALE, MN
S003-594	PLEASANT L INLET 0.1 MI E ACACIA DR, 1 MI SW ANNANDALE, MN
S003-595	PLEASANT L INLET AT 62ND ST NW, 1.7 MI SW OF ANNANDALE, MN
S003-596	UNN TRIB TO SWG POND AT CSAH-55, 0.7 MI SE OF ANNANDALE, MN
S003-597	UNN TRIB TO CLEAR L AT CONSERVTN CLUB RD, 1.3 MI E ANNANDALE
S003-598	UNN TRIB TO CLEAR L AT CONSRVATN CLUB RD, 1.3 MI E ANNANDALE
S003-599	UNN TRIB TO CLEAR L INLET AT 80TH ST NW, 1.6 MI E ANNANDALE
S003-600	CEDAR L INLET 0.22 MI UPSTREAM L, 2.3 MI NE OF ANNANDALE, MN
S003-601	CEDAR L INLET AT CR-6, 2.3 MI NE OF ANNANDALE, MINNESOTA
S003-602	WILLOW CK 0.2 MI UPSTM L BETSY, 2.3 MI SSE KIMBALL PRAIRIE
S003-603	UN TRIB TO CEDAR L AT 67ST & IRELAND, 2.9 MI ESE ANNANDALE
S003-713	SALEM CK AT 690TH ST, 5.7 MI S OF KASSON, MINNSOTA
S003-911	CLEARWATER R AT 697TH ST, 3.65 MI SE OF WATKINS, MN
S003-912	CD-44 (AKA CLEARWATER CK) AT 677TH ST, 2 MI S OF WATKINS, MN
S003-913	UNN TRIB TO CLEARWATER R AT 365TH ST, 3.5 MI SE WATKINS, MN
S003-914	UNN TRIB TO CLEARWATER R AT 365TH ST, 3 MI SE OF WATKINS, MN
S003-915	UNN TRIB TO CLEARWATER R AT 355TH ST, 3.5 MI S WATKINS, MN
S003-916	UNN TRIB TO CLEARWATER R AT 360TH ST, 3.3 MI SE WATKINS, MN
S003-918	UNN TRIB TO CLEARWATER R AT CSAH 17, 3.5 MI SE OF WATKINS MN
S003-919	UNN TRIB TO CLEARWATER R AT 4TH ST N, .5 MI N OF WATKINS, MN
S003-920	UNN TRIB TO CLEARWATER R AT CSAH 2, 1.25 MI N OF WATKINS, MN
S004-249	CLEARWATER RIVER AT MN-55, 2 MI SE OF KIMBALL, MN
S004-250	CLEARWATER R AT LK LOUISA E BASIN, 2.5 MI E OF KIMBALL, MN
S004-251	CLEARWATER R AT LK LOUISA W BASIN, 2 MI E OF KIMBALL, MN

Project CMB Citizens Monitoring Bacteria

Start Date 09/15/2003 **Planned Duration** Long Term

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose To assess accuracy, reliability, and user-friendliness of E. coli bacteria test kits; in the process volunteers collected samples that were sent for analysis at a certified lab.

Study Area Across Minnesota.

Project Design Sample Medium: water column

Funding type: CSREES and LCCMR

Lab: Minnesota Valley Testing Lab, Gloria Anderson, New Ulm

Field Procedure Information:

Sample Collection Method(s) and Gear(s) - grab sample, split into 2 sterile sample bottles (1 went to certified lab; one analyzed by volunteer using test kits). Test kits used in study were Coliscan Easygel and 3M Petrifilm.

Field Measurements - Methods and Instrumentation: air & water temp with thermometers (in degrees C); transparency with T-Tube.

Obtain Plan Barbara Liukkonen
U of MN Water Resources Center
173 McNeal Hall
1985 Buford Avenue
St. Paul, MN 55108
(612) 625-9256
Liukk001@umn.edu

Assigned Stations

Station ID	Station Name
01-0157	BIG PINE
09-0038	HANGING HORN
09-0039	EDDY
11-0283	BABY
13-0083-02	GOOSE (SOUTH BAY)
18-0305	EDWARD
18-0308	PELICAN
18-0351	LITTLE PELICAN
40-0124	EMILY
52-0001	UNNAMED (HALLET)
58-0138	BIG PINE
77-0150-02	SAUK (NORTH BAY)
80-0034	BLUEBERRY
80-0039	SPIRIT
S000-119	ST LOUIS R BRIDGE AT CSAH-7, 0.5 MI S OF FORBES
S001-283	MALONE CR (THAINS CR) AT ISLE PUB. ACC. ON SH-47
S001-292	GARRISON CK AT US-169, 1 MI NE OF GARRISON
S001-294	REDDY CK (MARMON CK) ON SH-18 N. OF MALMO
S001-461	CLEARWATER R, 6 1/4 MI N OF LEONARD, MINNESOTA
S002-111	WHISKY CK AT CR-25, 2 MI E OF BARNESVILLE

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
S002-112	WHISKY CK AT CR-21, 6 MI WNW OF BARNESVILLE
S002-479	SNAKE R AT THE CONFLUENCE OF BASS CK, 6 MI E OF PINE CITY
S002-590	UNNAMED STR TO JARVIS BAY AT CSAH-13, 4.5 MI W OF PINE CITY
S002-591	UNN STR TO JARVIS BAY AT TOWNSHIP RD 22, 4.4 MI W OF PINE CITY
S003-136	SAND HILL R AT 350TH AVE SW, 4 MI SW OF FERTILE
S003-149	BUFFALO R, .3 MI N OF US-10 ON E EDGE OF HAWLEY
S003-358	UNN STR TO CROSS LK AT CR-125. 4.7 MI NE OF PINE CITY, MN
S003-856	RUM R AT TWILIGHT RD, 0.2 MI S OF VINELAND, MN
S003-872	ASHLEY CK AT CSAH-72, 4.9 MI NW OF SAUK CENTRE, MN
S003-877	HOBOKEN CK AT CSAH-18, 5.1 MI SW OF SAUK CENTRE, MN
S003-995	UNN CR (PLEASURE CK) CORNER 86TH AVE/MISS BLVD COON RAPIDS
S004-032	SUNRISE R AT CR-88 IN SUNRISE, MN
S004-033	SUNRISE R, N BR AT CR-69, 3.3 MI SW OF SUNRISE, MN
S004-379	N BR GRINDSTONE R AT W GRINDSTONE RD, 7 MI SW OF SANDSTONE
S004-842	ROOT R, MB AT CSAH-21, 3 MI S OF PILOT MOUND
S004-891	GRINDSTONE R, N BR AT N GRINDSTONE RD 7 MI W OF SANDSTONE, MN
S004-971	ST LOUIS R AT CHAMBERS GROVE PK, 2.9 MI WSW OF GARY, MN
S005-285	SNAKE R (CROSS LK) END OF DNR DOCK, 1 3/4 MI NE OF PINE CITY
S005-286	BEAR CK AT CROOKED RIVER RD, 5 MI NE OF PINE CITY
S005-287	UNN STR AT NORTHERN RD, E OF GOV'T RD, 1.25 MI NE PINE CITY
S005-288	UNN STR AT NORTHERN RD, E OF SUNNYSIDE RD 3 MI NE PINE CITY
S005-289	UNN STR AT LOFTY PINES RD, 4 MI NE OF PINE CITY
S005-290	UNN STR AT NORTHERN RD, E MILBURN/LOFTY, 4 MI NE PINE CITY
S005-291	UNN STR (TO SNAKE R) AT BLACKBIRD RD, 3.5 MI E OF PINE CITY
S005-292	UNN STR TO BEAR CK AT CEDAR CK RD, 5 MI NE OF PINE CITY
S005-293	BEAR CK, LEFT FORK OF CREEK, AT CSAH-10, 5 MI NE PINE CITY
S005-294	MINNESOTA R JUST W OF CSAH-37 BRG IN NEW ULM
S005-295	MINNESOTA R AT A CULVERT, .25 MI W OF CSAH-37 BRG IN NEW ULM
S005-296	ST. LOUIS R JUST E OF MN-45 AND S OF I-35 IN SCANLON
S005-297	MOOSE HORN R UPSTM OF CSAH-6 IN THE CITY PARK IN BARNUM
S005-300	ROOT R AT CSAH-11, 6.5 MI SE OF CHATFIELD
S005-301	ROOT R AT MN-52, 3 MI SE OF CHATFIELD
S005-302	ASHLEY CK AT CSAH-33 JUST NORTH OF WESTPORT
S005-303	ST LOUIS R AT CSAH-8 BRG JUST OUTSIDE OF FLOODWOOD

Project Summary

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Station ID	Station Name
S005-304	ASHLEY CK AT CR-183, 5.5 MI NW OF SAUK CENTRE
S005-314	HAY CK AT CSAH-13, 1.5 MI W OF NORTH BRANCH

Project CMWD Carnelian-Marine Watershed District Monitoring

Start Date 01/01/1991 **Planned Duration** Ongoing
Purpose Watershed district water monitoring program.

Assigned Stations

Station ID	Station Name
82-0014	LITTLE CARNELIAN
82-0035	BASS
82-0036	TURTLE
82-0049	BIG CARNELIAN
82-0052-04	BIG MARINE (MAIN LAKE)

Project CMWD-S Carnelian-Marine Watershed District CWLA SWAG

Start Date 03/21/2007 **Planned Duration** 1 year
Purpose Watershed district water monitoring program.
CWLA project

11/21/07:
Condition monitoring
3 stream sites were added (2 on Carnelian Ck and 1 on Silver Ck). The Silver Creek site (S004-467) is also part of Met Council's WOMP program.

Project Design Added in 2007
Sample Collection Methods: Grab sample, composite sample flow weighted

Field Measurements: pH-Oakton pHtestr 2, specific conductivity-Oakton ECtestr, temperature/DO-YSI 550A, transparency with t-tube

Lab Information:

Metropolitan Council Environmental Services Laboratory
2400 Childs Road
St. Paul, MN 55106
Dave Fuchs
651-602-8115
dave.fuchs@metc.state.mn.us

Obtain Plan Added in 2007

Citation for Plan:

Travis Thiel
Washington Conservation District
1380 W. Frontage Road, Hwy 36
Stillwater, MN 55082
651-275-1136 x29
travis.thiel@mnwcd.org

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Assigned Stations

Station ID	Station Name
82-0014	LITTLE CARNELIAN
82-0035	BASS
82-0036	TURTLE
82-0049	BIG CARNELIAN
82-0052-04	BIG MARINE (MAIN LAKE)
S004-460	UNN STR (CARNELIAN CK) AT MAY AVE
S004-461	UNN STR (CARNELIAN CK) AT OZARK TRAIL
S004-467	SILVER CK AT MN-95, 1 MI N OF STILLWATER

Project CNTRELM Center and Elm Watershed Project

Start Date 01/01/2000 **Planned Duration** Ongoing

Purpose Determine current impairment(s) and monitor progress as implementation measures are taken.

The projects formerly identified as CNTRTMDL and CWPCNTR were combined into one project, CNTRELM, as of 7/20/2004.

2007: Project Manager changed from Lee Ganske to Scott MacLean

Study Area Elm Creek and Center Creek watersheds. Each creek flows into the Blue Earth River. Major land use is agricultural.

Assigned Stations

Station ID	Station Name
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-671	CEDAR RUN AT ROAD BTN S34/35 2.5 MI E OF TRIMONT
S001-027	CEDAR RUN CREEK BR AT CSAH-9, 4 MI NW OF TRIMONT
S001-028	ELM CREEK BR AT CSAH-149, 4.5 MI NE OF NORTHROP
S003-000	DUTCH CREEK AT 100TH ST. - 0.5 MILES W OF FAIRMONT
S003-001	LILY CREEK AT HUNT FARM - N BORDER OF FAIRMONT
S003-002	CEDAR RUN CREEK AT 60TH AVENUE - 1.5 MI NW OF TRIMONT
S003-020	ELM CREEK AT 185TH ST. - 2.5 MI E OF TRIMONT
S003-021	JUDICIAL DITCH #3 AT 170TH ST. - 2.5 E OF NORTHROP
S003-022	ELM CREEK AT 260TH AVE - 4 MI NE NORTHROP
S003-023	CENTER CREEK AT GEORGE LK. DAM - FAIRMONT
S003-024	CENTER CREEK AT 315TH AVENUE - 1 MI S OF HUNTLEY
S003-025	ELM CREEK AT 290TH AVE - 4.5 MI NE OF GRANADA
S003-076	FAIRMONT WASTE WATER TREATMENT FACILITY EFFLUENT IN FAIRMONT

Project COMFOR-S CLFLWD Water Monitoring Assessment Project

Start Date 03/20/2008 **Planned Duration** 1 year

Purpose Condition Monitoring

Study Area Comfort Lake Forest Lake Watershed District

Project Design Sample Collection Methods:

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Project Design See WCD SOP at http://www.mnwcd.org/water_monitoring_standards.php

Field Measurements:

Temperature/DO with YSI 550A, specific cond. with Oakton ECTestr, pH/cond with Oakton PCTestr3, transparency with t-tube, macroinverts with D-nets.

Laboratory Name:

Metropolitan Council Environmental Services
2400 Childs Road
St. Paul, MN 55106
Contact Name: Dave Fuchs
651.602.8115
dave.fuchs@metc.state.mn.us

Obtain Plan Citation for Plan:

Travis Thiel
Washington Conservation District
1380 W. Frontage Road, Hwy 36
Stillwater, MN 55082
651.275.1136
travis.thiel@mnwcd.org

Assigned Stations

Station ID	Station Name
13-0054	LITTLE COMFORT
82-0053	SEA
S001-223	SUNRISE R RD CULVERT 400' UP INLET BIG COMFORT
S001-232	UNN STR. INLET TO LTL COMFORT LK FROM SCHOOL LK
S004-463	UNN STR (BONE LK OUTLET) AT LOFTON AVE, 6 MI NE OF FOREST LK
S004-465	SUNRISE R AT CTY LINE DTCH, E OF US-61, 1 MI N OF FOREST LK
S004-468	SUNRISE R AT WYOMING TRAIL, 2 MI E OF WYOMING
S004-470	UNN STR (TRIB TO BONE LK) AT 228TH ST, 6 MI E OF FOREST LAKE
S004-882	UNN STR TO SCHOOL LK AT JULY AVE, 3.5 MI E OF FOREST LAKE
S004-883	UNN STR TO BIRCH LK AT MANNING TRL, 4.5 MI E OF FOREST LAKE
S004-926	SUNRISE R AT GREENWAY RD IN WYOMING
S004-949	UNN STR AT MEADOWBROOK AVE N, 6.5 MI E OF FOREST LAKE

Project COOK-S Cook County Citizen Lake Monitoring Project

Start Date 03/14/2008 **Planned Duration** 06-30-2010

Purpose To establish baseline and continue building data to assess trends and allow sufficient data points for 303-d evaluation. Engage citizens and promote stewardship of lake.

Study Area Cook County

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Project Design Sample Medium: Water Column
Laboratory Information: RMB Environmental Laboratories
Sample Collection Methods and Gear: 0-2 meter integrated sample.
Field Measurements-Methods and Instrumentation: 0-2 meter integrated sampler for Chl-a and total phosphorous and secchi disk reading.

Obtain Plan Citation for Project Plan: Final applicaion - Work plan - Cook County Citizens Lake Monitoring Project.
Author: Dave Stark
Publishing Organization: Cook County - Soil and Water Conservation District
Publication Year: 2008

Assigned Stations

Station ID	Station Name
16-0227	HUNGRY JACK
16-0228	BEARSKIN
16-0239	POPLAR
16-0247	BIRCH
16-0360	CARIBOU
16-0619	ONAGON
16-0629	SEA GULL

Project COOKINIT Cook County Water Plan Initiatives

Start Date 09/30/2007 **Planned Duration** 2007
Purpose Establish baseline water quality data for lakes and train citizen monitors.
Study Area Statewide

Project Design Method and Gear: Generally follow CLMP standards, except analytical work done by ERA labs for lake sampling with Total and Ortho Phosphorous and Chl-a analyzed. 0-2m integrated samples. Secchi Depth recorded along with recreational status of lake etc.
Field Measurements, Methods and Instrumentation: Quanta 2100P Hydrolab - measure pH, spec. cond., temp., DO, and turbidity with Hydrolab, Secchi disk.

Obtain Plan Cook County Water Plan Initiatives
Project No. 306-04-08, Contract No. A92530
Publishing Organization: Cook County Water Conservation District through MN DNR Coastal Program Grant
Publication Year: 2007

Assigned Stations

Station ID	Station Name
16-0248	WARD
16-0252	PIKE
16-0253	DEER YARD
16-0359	AGNES

Project COOKLKSR Cook County Water Program Lakes and River Monitoring

Project Summary

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Start Date 09/15/2004 **Planned Duration** 12-31-2006

Purpose Cook County Water Program Lakes and River Monitoring Water Plan Coastal Community Outreach to continue establishing baseline water quality data for lakes.

Study Area Cook County

Project Design Sample Collection Method and Gear: Generally follow CLMP standards, except analytical work done by ERA labs for lake sampling. 0-2m integrated samples where depth allowed and grab samples otherwise as noted in STORET data submittal. For stream sampling on Poplar River (see project) grab samples taken per MN Beaches program protocols plunging bottle to elbow depth for ecoli samples which were sent to North Shore Analytical.

Field Measurements - Methods and Instrumentation: Quanta 2100P Hydrolab - measured pH, spec. cond., temp., and DO with Hydrolab, Secchi disk, no turbidity measurements taken for lake sampling.

Turbidimeter / Probe: Quanta 2100P Hydrolab

Obtain Plan Cook County Water Program-Lake and River Monitoring, Water Plan Coastal Community Outreach.

Project Number 306-05-06, Contract No. A67964.

Publishing Organization: Cook County Soil and Water Conservation District through MN DNR Coastal Program Grant.

Publication Year: 2006

Assigned Stations

Station ID	Station Name
16-0001	SUPERIOR
16-0049	TROUT
16-0143	DEVIL TRACK
16-0344	BIGSBY
16-0360	CARIBOU
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S001-753	POPLAR R ON FTBRG UPST OF LUTSEN SKI HILLS, LUTSEN, MN
S004-406	POPLAR R AT GOLF COURSE BR IN LUTSEN, MN
S004-443	UNN STR, PUB ACC TRIB TO CARIBOU LK, 4.2 MI N OF LUTSEN, MN
S004-444	UNN STR, SAWMILL TRIB TO CARIBOU LK, 4.2 MI NW OF LUTSEN, MN
S004-445	MURMUR CK, TRIB TO BIGSBY LK, 6.4 MI NW OF LUTSEN, MN
S004-446	UNN STR, OUTFLOW FROM CARIBOU LK, 4.5 MI N OF LUTSEN, MN

Project COTTONWD Cottonwood River Restoration CWP Project

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Cottonwood River Restoration Project Clean Water Partnership Diagnostic Study.

As of December 2004, Cottonwood River (COTTONWD) and Redwood River CWP (CWP_RWR) projects are associated with Program 'RCRCA'.

CWLA Contract #B14319 --there is no new monitoring conducted under the TMDL. The sites are original sites and using existing data. The contract is used for modeling, report writing, and getting the TMDL completed.

Project Summary

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Study Area Cottonwood River

Project Design In regards to the Redwood and Cottonwood River composite samples for 2003/2004 The samples were taken by an automated sampler and taken at time intervals upon reaching a certain stage difference above the previous lowest stage.

Obtain Plan MPCA Project Manager:
Mark Hanson
Minnesota Pollution Control Agency
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
507.476.4259
mark.hanson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S001-913	PLUM CREEK AT CSAH 10 BR, 4.75 MI NE OF WALNUT GROVE, MN
S001-914	LONE TREE CK AT CSAH 5 BR, 5.4 MI N OF WALNUT GROVE, MN
S001-915	DUTCH CHARLEY CK AT CSAH 15 BR, 2 MI SE OF LAMBERTON, MN
S001-916	SLEEPY EYE CK AT CSAH 1 BR, 3.1 MI SE OF CLEMENTS, MN
S001-917	MEADOW CK AT CSAH 11 BR, 8 MI N OF TRACY, MN
S001-918	COTTONWOOD R NEAR MN-68 AND COTTONWOOD ST IN NEW ULM. MN
S001-919	SLEEPY EYE CR AT CSAH 8 BR, 2.2 MI N OF LEAVENWORTH, MN
S001-920	COTTONWOOD R AT CSAH 8 BR, 0.4 MI N OF LEAVENWORTH, MN
S001-921	COTTONWOOD R AT CSAH 7 BR, 3.1 MI NE OF REVERE, MN
S002-247	COTTONWOOD R AT US-14 BRG, 1 MI NE OF LAMBERTON
S004-879	DUTCH CHARLEY CK AT CSAH-6, 1/2 MI S OF LAMBERTON

Project CRANECK Crane Creek Restoration Project

Start Date 01/01/2003 **Planned Duration** Ongoing

Purpose Feasibility study of restoring the wetland and watershed area of Crane Creek.

Part of the Carver County STORET Program.

5/21/08: Tiffany Babich no longer works for Carver County. Greg Aamodt is now the local PM.

Obtain Plan Citation for Plan:

Paul Moline
Carver County ES
600 E 4th Street
Chaska, MN 55318
952-301-1804
pmoline@co.carver.mn.us

Assigned Stations

Station ID	Station Name
S004-231	CRANE CK AT CSAH-30, 2 MI SW OF NEW GERMANY

Project CREDIT-L Credit River Watershed Turbidity TMDL Development

Project Summary

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Start Date 01/01/2008 **Planned Duration** 2 years

Purpose TMDL and Impaired Waters Resource Investigations.

Project Design Sample Collection Methods and Gear: hand-collected grab samples, grab with extension arm, ISCO automated sampler.

Field Measurements: pH, spec. cond., temp, turbidity and DO with Hydrolab; transparency with t-tube, DO and temperature with DO meter.

Turbidimeter Make and Model: Hach 2100P Portable Turbidimeter, Hydrolab Self Cleaning Turbidity Sensor.

Gage Type: tapedown, staff gage, automated stage recorder.

Laboratory Name:

Metropolitan Wastewater Treatment Plant Water Quality Lab
2400 Childs Road
St. Paul, MN 55106
Contact Name: Dave Fuchs
651-602-8115
dave.fuchs@metc.state.mn.us.

Probe Make and Model: Hydrolab MS5, Hydrolab Quanta, Hach LDO101 Probe

Assigned Stations

Station ID	Station Name
S001-448	TRIB TO CREDIT R 2 MI N TO CLEARY L PARK
S004-587	CREDIT R AT HIDDEN VALLEY PK IN SAVAGE, MN
S004-591	CREDIT R AT FLAG TR, 4.5 MI SE OF PRIOR LK, MN
S004-933	CREDIT R AT CSAH-68, SE OF CREDIT RIVER
S004-934	UNN STR (ORCHARD LK OUTLET) AT JUDICIAL RD IN DEER PARK
S004-935	CREDIT R AT 154TH STREET, 2 MI NE OF PRIOR LAKE
S005-407	CREDIT R AT 123RD ST W NR CONFLUENCE WITH MINNESOTA R
S005-408	UNN TRIB TO CREDIT R DWNSTM OF CLEARY LK AT 170TH ST E
S005-409	CREDIT R AT 175TH ST IN PRIOR LAKE
S005-410	CREDIT R AT BRIDGEWATER DR IN SAVAGE
S005-411	CREDIT R AT CSAH-21, 1.5 MI NE OF CREDIT RIVER
S005-412	CREDIT R AT CSAH-42 IN SAVAGE
S005-413	CREDIT R AT HAMPSHIRE AVE CROSSING IN PRIOR LAKE
S005-414	CREDIT R JUST OFF 125TH ST IN SAVAGE
S005-415	CREDIT R AT MURPHY LK BLVD NEAR MURPHY LAKE
S005-416	UNN STR TO CREDIT R AT CSAH-91 (VERNON AVE)
S005-417	UNN STR TO CREDIT R AT TRAIL CROSSING DWNSTM OF 175TH ST

Project CROSSLK Cross Lake Association of Pine County

Start Date 05/01/2006 **Planned Duration** 05-10-2010

Purpose Cross Lake water quality testing.

Study Area Statewide

Project Design ERA Labs

Project Summary

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Project Design Sample Collection Method and Gear:
Secchi Disk and samples for testing at lab done with DNR.
Field Measurements:
Temp, SpC, DO, pH, Depth, DO% with the Hach, Quanta Monitoring Device.

2008: Grab samples tested for T Nitrogen, T Phosphorus, Fecal Coliforms or E. Coli.

Obtain Plan Local Project Address:
Judy Yorston
16905 Cross Lake Road, Pine City, MN 55063
320-629-3697
jyorston@pinenet.com

Assigned Stations

Station ID	Station Name
58-0119	CROSS
S001-644	SNAKE R AT CSAH-61 BRG IN PINE CITY
S003-357	UNN TRIB TO CROSS LK, 1.7 MI NE OF PINE CITY, MN
S005-336	UNN STR AT CROSS LK N SIDE, 4.3 MI NNE OF PINE CITY, MN
S005-337	UNN STR TO CROSS LK W SIDE, 2.87 MI NNE OF PINE CITY, MN

Project CROWLMP Crow Wing County Citizen Lake Monitoring Program

Start Date 06/01/2002 **Planned Duration** One year

Purpose Education of public, increasing our database, helping residents of County to gain some understanding of issues affecting our lakes and spreading word by including local volunteers. (note: is not a MPCA CLMP)

Includes Serpent Lake Association, ____

Project Design Used eight foot long integrated sampler, and sterile sample bottle provided by AW Research. Volunteer would take boat out to the deepest part of the lake, then lower sampler to six foot depth. Sampler was equipped with backflow control valve on the lower end, so tube would fill to six foot in depth. Tube removed from water, then emptied on opposite side of the boat, pouring water out of the top of the tube. Process was repeated three times, then sample was taken, and poured into the steril sample bottle. Bottle was labeled with time, date and location, then wrapped in foil and place in an iced cooler. Secchi disk was then dropped over the side of the boat, dropped till invisible, at which point depth was taken. Secchi disk was then pulled up until it became visible. Depth was recorded at this site also, and the two depths were averaged to obtain the secchi reading. Depth of water at this site was also recorded, using either secchi disk or depth finder. Other conditions, such as temperature, rain, sunshine, wind or waves were recorded, as well as boat traffic.

Assigned Stations

Station ID	Station Name
18-0041-02	CROOKED (MAIN BAY)
18-0061	CASCADE
18-0090	SERPENT
18-0195	DOLNEY
18-0339	MOODY
18-0414	CLOUGH
18-0433	UNNAMED (CRANBERRY)
18-0437	PORTSMOUTH MINE
18-0504	UNNAMED

Project CROWRW-S Enhancing Volunteer Monitoring - Crow River Watershed (CWLA)

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Start Date 03/08/2007 **Planned Duration** 2 YEARS

Purpose Crow River Watershed Condition Assessment
CWLA project

Part of the CROWS STORET Program.

Study Area Crow River Watershed

Project Design Laboratory: RMB Environmental Lab
Sample Collection: Grab samples with integrated sampler for lake and sampler for streams.
Field Measurements: Lakes - TSS, TP, Chl a. Streams - TKN, TP, and TSS.

Obtain Plan Citation:
Author: Julie Klocker
Middle Fork Crow River Watershed District
P.O. Box 8, 174 Lake Avenue North
Spicer, MN 56288
320-796-0888
Julie@mfcrow.org

Assigned Stations

Station ID	Station Name
34-0032	CARRIE
34-0044	DIAMOND
34-0062	CALHOUN
34-0066	LONG
34-0079	GREEN
34-0119	ELKHORN
34-0142	GEORGE
34-0154	NEST
34-0158-01	MUD
34-0158-02	MUD (MONOGALIA)
34-0158-03	CROW R MILL POND (E)
43-0012	WINSTED
47-0025	LITTLE SWAN
47-0038	BIG SWAN
47-0046	WASHINGTON
47-0068	STELLA
65-0006	ALLIE
S000-352	S FK CROW R AT 2ND AVE S IN HUTCHINSON
S000-460	BUFFALO CK AT N/S RD IN S28 0.5 MI E OF BROWNTON
S000-528	BUFFALO CK AT ROAD BTN S22/23 1 MI SW OF GLENCOE
S000-531	BUFFALO C AT RD BTN S3/4 3.5 MI NE OF NEW AUBURN
S000-575	S FK CROW R AT ROAD BTN S7/12 3 MI NE OF COSMOS
S000-582	BUFFALO CK AT CSAH-1 2 MI E OF GLENCOE
S000-644	COUNTY DITCH ON CR-69 1.1 MI E OF PIPESTONE
S001-254	CROW R 150' UPST BR CSAH 22, 1.9 MI E ST MICHAEL
S002-022	UNN OUTLET FROM BIG SWAN LK ON CSAH-21, 5.5 MI N OF DASSEL
S002-030	UNN TRIB TO CROW R ON CSAH-19 AT ST. MICHAEL
S002-292	ALVIG SLOUGH TO GREEN LK, .5 MI SE OF SPICER, MN

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Station ID	Station Name
S002-293	CROW R, MF AT CSAH 2, 7 MI E NE OF SPICER, MN
S002-294	CROW R MF INLET TO GREEN LK, 2 MI NE OF SPICER, MN
S002-295	CROW R MF INLET TO NEST LAKE, 3 MI N NW OF SPICER, MN
S002-296	CROW R MF AT DAM IN NEW LONDON, MN
S002-297	CD 26 ABOVE LK CALHOUN, 6.4 MI NE OF SPICER, MN
S002-299	CROW R MF AT CSAH 40, 1.5 MI W OF NEW LONDON, MN
S002-302	MID FK CROW R AT 275 AVE NE, 4.5 MI S OF BELGRADE
S002-495	CARVER CK AT MN-284, 1.6 MI N OF COLOGNE, MN
S002-913	CROW R MF AT GREEN LK OUTL CSAH-4 BR, 4 1/2 MI SE NEW LONDON
S004-080	ELM CR AT CSAH-27, 4.5 MI W OF TRIMONT
S004-421	MF CROW R AT CSAH-30, 1 MI S OF MANANNAH
S004-433	CROW R JUST E OF CSAH-36, 4 MI N OF ROGERS
S004-558	COLLINWOOD CK AT 258TH ST, 3 MI NE OF DASSEL, MN
S004-559	WASHINGTON CR ON US-12, 2.5 MI WNW OF DASSEL, MN
S004-610	UNN STR ALONG S SHORE OF GREEN LK, .8 MI SE OF SPICER, MN
S004-644	UNN STR OUTLET FROM LONG LK, 3.3 MI NE OF NEW LONDON, MN
S004-646	MF CROW R INLET TO MUD LK, 3.1 MI N OF NEW LONDON, MN
S005-079	UNN STR AT 245TH ST, .5 MI NE OF WINSTED, MN
S005-080	UNN STR AT N SHORE DR, 3.7 MI NE OF SPICER, MN
S005-081	UNN STR AT 60TH AVE SE, 4.7 MI SW OF ATWATER, MN
S005-365	UNN STR ON 835TH AVE, 5 MI NE OF BUFFALO LK, MN
S005-366	JD-1, INLET TO LK ALLIE, 6 MI NE OF BUFFALO LK, MN
S005-367	UNN STR ON CR-67, 4.2 MI SW OF BELGRADE, MN
S005-368	UNN STR NEAR FARMCREST RD, 2 MI SE OF BELGRADE, MN

Project	CROWW-S	Crow Wing County Wide Citizen Lake Monitoring Program
Start Date	03/20/2008	Planned Duration 2 Years
Purpose	To collect a complete TSI dataset for a number of Crow Wing County lakes. Lakes will collect either 5 or 10 datasets of chlorophyll a, Total Phosphorus, and transparency readings.	
Study Area	Lakes within Crow Wing County.	
Project Design	Lab Information: RMB Environmental Laboratories Field Procedure Information: Sample Collection Method and Gear - Integrated sampler Field Measurements Methods and Instrumentation - Chlorophyll a and Total Phosphorus samples with integrated sampler, transparency readings with Secchi Disk.	
Obtain Plan	Local Project Coordinator: Carrie Maurer-Ackerman Crow Wing Soil and Water Conservation District 7118 Clearwater Rd Baxter, MN 56425 218-828-6197 carrie.ackerman@mn.nacdnet.net	

Project Summary

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Assigned Stations

Station ID	Station Name
18-0001	WHITEFISH
18-0020	BORDEN
18-0021	MILLER (ALMOND)
18-0029	HOLT
18-0041-01	CROOKED (SUGAR BAY)
18-0041-02	CROOKED (MAIN BAY)
18-0044	HANKS
18-0060	AGATE
18-0070	HAMLET
18-0099	EAGLE
18-0112	WOLF
18-0126-01	EAST MAHNOMEN
18-0126-02	MIDDLE MAHNOMEN
18-0161	SEBIE
18-0167-01	TWIN (WEST BASIN)
18-0167-02	TWIN (EAST BASIN)
18-0212	RUTH
18-0224	FOOL
18-0225	ADNEY
18-0239	SILVER
18-0261	PINE
18-0371	PERCH
18-0376	UPPER CULLEN
18-0387-02	MIDDLE WHIPPLE
18-0398	ROY
18-0404	SIBLEY
18-0408	MAYO
18-0414	CLOUGH
18-0437	PORTSMOUTH MINE

Project CRYSKELL Crystal Lake/Keller Lake Phase II Improvement Project
Start Date 01/01/1997 **Planned Duration** One year
Purpose Condition
Study Area Crystal and Keller Lakes

Assigned Stations

Station ID	Station Name
07-0096	LOON
07-0097	MILLS
07-0098	CRYSTAL
19-0025	KELLER

Project CRYSTL-L Lake Crystal Excess Nutrient TMDL

Project Summary

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Minnesota Pollution Control Agency

Start Date 05/01/2008 **Planned Duration** 2 years
Purpose Problem investigation, lake monitoring for TMDL for Crystal, Loon and Mills Lakes in Blue Earth County

Study Area Crystal, Loon and Mills Lakes

Project Design Sample Collection Methods: Hand collected (grab) sampling
Field Measurements: Transparency with t-tube, Secchi disk readings

Laboratory Name:

MVTL
1126 N. Front
New Ulm, MN 56073
Contact Name: Jason Smith
507.354.8517
jsmith@mvtl.com

Assigned Stations

Station ID	Station Name
07-0096	LOON
07-0097	MILLS
07-0098	CRYSTAL
S001-983	CD 56 AT CSAH-9 IN S END OF LAKE CRYSTAL, MN

Project CSMP Citizen Stream-Monitoring Program

Start Date 01/01/1998 **Planned Duration** Long-term

Purpose Monitor stream status.

Study Area Statewide

Assigned Stations

Station ID	Station Name
82-0001	ST. CROIX
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-033	ZUMBRO R.- NORTH BR. BY ZUMBROTA
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-042	RED LAKE RIVER W. OF GENTILLY
S000-053	COTTONWOOD R. CSAH-13 BY NEW ULM
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-066	RUM RIVER CSAH-24, ST. FRANCIS
S000-086	MINNESOTA R AT MN-77 BRG IN BLOOMINGTON
S000-091	RED RIVER AT BRIDGE ON MN-11, WEST OF ROBBIN
S000-092	RED RIVER BRIDGE ON MN-200, 0.5 MI W OF HALSTAD
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-135	BLUE EARTH RIVER AT CSAH-4, 4 MI S OF BLUE EARTH
S000-150	MISSISSIPPI R CSAH-26 BRIDGE, 3 MI W OF ROYALTON
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG

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Station ID	Station Name
S000-158	YELLOW BANK R. CSAH-7 N OF ROSEN
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-230	TURTLE CK AT CSAH-23 (4TH DRIVE SW) AT AUSTIN
S000-258	LESTER R ABOVE SUPERIOR ST., LESTER PK AT DULUTH
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-327	S FK WHITEWATER R AT CSAH-10 AT DOVER
S000-342	MINNESOTA R.,CSAH-35 BY NEW ULM
S000-343	MINNESOTA R.,USH-212 AT GRANITE FALLS
S000-360	SAUK R AT CR-121 2 MI SE OF ST JOSEPH
S000-366	SAUK R. AT CSAH-30 BRIDGE NEAR NEW MUNICH
S000-367	SAUK RIVER AT GROVE TNSHP RD. - SEC. 12
S000-383	CHIPPEWA R AT N X-ING W/CR-75 1 MI SW OF BENSON
S000-402	WATONWAN R AT CSAH-20 3.5 MI SW OF MADELIA
S000-425	S TWO R AT BR BETWEEN S3/4 (T126,R30W)
S000-449	STRAIGHT R AT CSAH-34 BTN S4/33 N OF OWATONNA
S000-458	BUFFALO CK AT RD BTN S2/3 3 MI SE OF BROWNTON
S000-460	BUFFALO CK AT N/S RD IN S28 0.5 MI E OF BROWNTON
S000-477	POPLAR R AT CSAH-6 1 MILE NE OF FOSSTON
S000-502	RUSH CK AT CR-90 (COE AVE), 2 MI N OF MEDFORD
S000-503	SAUK R AT CSAH-4 IN ST CLOUD
S000-519	BADGER CK AT ROAD IN S13 2 MI W OF BLUE EARTH
S000-523	BLUE EARTH R AT CSAH-10 1.5 MI S OF WINNEBAGO
S000-528	BUFFALO CK AT ROAD BTN S22/23 1 MI SW OF GLENCOE
S000-531	BUFFALO C AT RD BTN S3/4 3.5 MI NE OF NEW AUBURN
S000-533	COON CK AT N/S ROAD IN S29 1 MI S OF BLUE EARTH
S000-536	OTTER TAIL R AT CSAH-14 6 MI SE OF PERHAM
S000-553	BOIS DE SIOUX R ON CSAH-6 5.1 MI SW OF DORAN
S000-556	PELICAN R ON MN-210 1.1 MI W OF FERGUS FALLS
S000-557	RED R OF THE N AT FT DAER PK LANDING IN PEMBINA
S000-563	RED R OF THE N ON CSAH-1 2.6 MI W OF NIELSVILLE
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S000-580	BUFFALO CK AT CR-74 2.5 MI N OF PLATO
S000-646	MAIN DITCH ON MN-23 AT PIPESTONE
S000-657	LESUEUR R AT CSAH-33 6 MI S OF JANESVILLE
S000-671	CEDAR RUN AT ROAD BTN S34/35 2.5 MI E OF TRIMONT
S000-680	MUSTINKA R AT BR CO RD 76 0.5 MI W OF WHEATON
S000-684	PELICAN R AT CSAH-24 BTN S22 AND 27 (T135N/R43W)
S000-700	MIDDLE R AT CSAH-4 AT ARGYLE
S000-706	SAND HILL R AT RD BTN S20/29 0.5 MI W OF FERTILE
S000-735	MINNESOTA R ON CSAH-26 AT LE SUEUR

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Station ID	Station Name
S000-769	SPRING VALLEY C-RD IN S19SEQ 3 MI NE OF SPRING V
S000-771	SPRING VALLEY CK, RD ACCESS TO PRIV BR, 1 MI E OF SPRING V
S000-779	MINNESOTA R.,SH-4 BY FT. RIDGELY PARK
S000-780	MINNESOTA R.,CSAH-6 N. OF DELHI
S000-822	RUSH RIVER, SH-93 BY HENDERSON
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S000-831	GARVIN BROOK AT STOCKTON
S000-839	PETERSON CREEK AT THE ARCHES
S000-841	RAVEN STM.,CSAH-61 BY ST. BENEDICT
S000-847	GROVE CK AT CSAH-3 7.5 MI NE OF GROVE CITY
S000-854	GROVE CK AT US-12 1 M E OF GROVE CITY
S000-861	CANBY CK AT CSAH-3 0.5 MI E OF CANBY
S000-904	W FK DES MOINES R AT CSAH-16 4.5 MI N OF JACKSON
S000-935	SWAN R AT CSAH-21 4 MI S OF BOVEY
S000-985	LEAF R AT CR-109 5 MI NE OF WADENA
S000-988	UNION CK IN T134N/R35W/S5/NEQ/SWQ NE OF WADENA
S001-003	STRAIGHT RIVER AT CR BR 1 MI N OF HOPE
S001-013	CANBY CK AT RD BTN S13/18 3.5 MI SW OF CANBY
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S001-053	RABBIT R AT CSAH-19 2.5 MI N OF NASHUA
S001-054	DITCH OFF CSAH-1 AT E EDGE OF LAFAYETTE
S001-131	LOST R AT CSAH-5 AT OKLEE
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S001-198	PRAIRIE CREEK BR AT MN-19, 4 MI SW CANNON FALLS
S001-222	RED RIVER AT BRIDGE 50' UPST RED LK R CONFL
S001-227	VERMILLION SLOUGH AT E 4 BRG, 1 1/8 MI E HASTING
S001-230	VERMILLION R AT HWY 68 BRG, 3/4 MI NE OF ETTER
S001-232	UNN STR. INLET TO LTL COMFORT LK FROM SCHOOL LK
S001-254	CROW R 150' UPST BR CSAH 22, 1.9 MI E ST MICHAEL
S001-255	SF CROW R, BR AT BRIDGE AVE IN DELANO
S001-268	SKUNK CREEK MOUTH AT LK SUPERIOR IN TWO HARBORS
S001-302	BLUE EARTH R AT SH-30, 3 MI W OF AMBOY
S001-303	MISS R AT MPLS, BLW RR BR DWNST OF 10TH AVE BR
S001-304	ST LOUIS R, E OF MN-45 AND 0.5 MI S SCANLON
S001-305	GLENWOOD AVE CK AT POHL RD IN MANKATO
S001-306	THOMPSON RAVINE CK AT CR-3 NR 6TH ST IN MANKATO
S001-307	ZUMBRO R, 0.5 MI NE HAMMOND
S001-308	RED R AT MOORHEAD, 0.5 MI S MN-10
S001-309	CANNON RIVER 0.75 MI SW WELCH
S001-310	CO DTCH 10, 3.5 MI W OF ISANTI
S001-311	S BR ROOT R, 2 MI NW OF CHERRY GROVE
S001-312	S BR ROOT R, 2 MI NW OF CHERRY GROVE
S001-313	S BR ROOT R AT CR-5 BR, 5 MI S OF WYKOFF

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Station ID	Station Name
S001-314	S BR ROOT R AT BR, 1 MI NE OSTRANDER
S001-315	S BR ROOT R AT BR, 2.5 MI NE OF CHERRY GROVE
S001-316	ETNA CK AT CR-14 BR AT ETNA
S001-317	S BR ROOT R, 3 MI NW OSTRANDER
S001-318	S BR ROOT R AT BR, 1 MI N OF ETNA
S001-319	CANFIELD CK AT BR, 2 MI NW GREENLEAFTON
S001-320	S BR ROOT R AT CR-118 IN FORESTVILLE ST PK
S001-321	S BR ROOT R T CR-12 BR IN FORESTVILLE ST PK
S001-322	FORESTVILLE CK, FORESTVILLE ST PK
S001-323	CANFIELD CK, FORESTVILLE STATE PARK
S001-324	BEAR CK, UPST OF MN-14 BR IN ROCHESTER
S001-325	CROW WING R AT BR ON CR-33, 3 MILES E OF STAPLES
S001-327	BLUE EARTH R AT CSAH-34, 2.5 MILES SW OF RAPIDAN
S001-328	MOOSE HORN R 1 MI SW OF N BARNUM, MN.
S001-329	LESTER RIVER ON NORTH END OF DULUTH, MN.
S001-330	PINE R AT PONTO TWNSP RD 3, 3.5 MI N OF CHICKAMAW BEACH, MN
S001-331	TWO RIVERS AT 40TH ST BR, 1 MI E OF BOWLUS, MN
S001-332	DUTCH CK AT CSAH-39 BR IN FAIRMONT, MN
S001-333	MUD CREEK AT CSAH-20 IN FAIRMONT, MN
S001-334	MINNEHAHA CK AT AQUILA AVENUE IN ST. LOUIS PK, MN
S001-335	JOHNSON CK AT CSAH-36 BR, 14 MI NW OF AITKIN, MN
S001-336	UNN TRIB INLET TO STARK LK, 12.5 MI NW OF AITKIN, MN
S001-337	PRAIRIE CK AT GIBSON TR BR, 3 MI NE OF CANNON CITY, MN
S001-338	STRAIGHT R 2 MI N OF HOPE, MN
S001-339	BASSETT CK AT CSAH-156 BR IN GOLDEN VALLEY, MN
S001-340	JD-1 AT CSAH-3 BR, 4 MI SE OF GRAND MEADOW, MN
S001-341	SACRED HEART CK AT CSAH-15 BR, 5 MI NW OF DELHI, MN
S001-343	STRAIGHT R AT CSAH-31 BR, 3.5 MI SW OF OWATONNA, MN
S001-344	CANNON RIVER 3 MI S OF NORTHFIELD, MN
S001-345	PINE RIVER BR ON PAUL BUNYON TR NEAR HWY 371, PINE RIVER, MN
S001-346	WATAB R AT CSAH-2 BR, 1.5 MI N OF ST. JOSEPH, MN
S001-347	MUD CK AT MN-3 BR, 3 MI N OF NORTHFIELD, MN
S001-348	BELLE CK 1.5 MI NW OF VASA, MN
S001-349	S FK ZUMBRO R AT ROCHESTER, MN
S001-350	S FK ZUMBRO RIVER AT ROCHESTER, MN
S001-351	S FK ZUMBRO R 4 MI N OF ROCHESTER, MN
S001-352	S FK ZUMBRO R ON N SIDE OF ROCHESTER, MN
S001-353	CASCADE CK AT 11TH AVE NW BR IN ROCHESTER, MN
S001-354	CASCADE CK AT 7TH ST NW BR IN ROCHESTER, MN
S001-355	NORTH BRANCH ROOT R 2.25 MI W OF STEWARTVILLE, MN
S001-356	S FK ZUMBRO R SW CSAH 25 AND 8 INTERSECTION AT ROCHESTER, MN
S001-357	HUNGRY HOLLOW 25 FEET UPST MN RIVER AT GRANITE FALLS,

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Station ID	Station Name
	MN
S001-358	MUD CK AT HOLYOKE AVE BR 2.5 MI NW OF NORTHFIELD, MN
S001-359	ROCK RIVER AT CSAH 16 BR 2 MI S OF LUVERNE, MN
S001-360	ELK CK 3 MI SE OF LUVERNE, MN
S001-361	MINNEHAHA CK UNDER NICOLLET AVE S BR IN MPLS, MN
S001-362	MINNEHAHA CK AT WALKING BR IN MPLS, MN
S001-363	DES MOINES RIVER AT MN-62, 4 MI N OF HERON LK, MN
S001-364	CASCADE CK AT 9TH AVE NW FOOTBRG IN ROCHESTER, MN
S001-365	SAND CREEK 2 MI E OF MN-21 S OF CR-8 IN HELENA, MN
S001-366	PORTER CK 3/4 MI N OF CR-8 ON XANADU AVE IN HELENA, MN
S001-367	ELK RIVER AT CSAH-3, 1 MI S ST. CLOUD AIRPORT
S001-368	MINNEHAHA CK AT XERXES AVENUE BR IN MPLS, MN
S001-369	RAINY RIVER IN INTERNATIONAL FALLS, MN
S001-370	SUCKER CREEK 1/4 MILE NORTH OF MAYHEW, MN
S001-371	SHINGLE CK ABOUT 200 FT UPST OF MISS AT WEBER PARK, MPLS
S001-372	MILLER CREEK IN DULUTH, MINNESOTA
S001-373	DAGGETT BK 30 YARDS DWNST. OF EAGLE LK DAM
S001-374	STRAIGHT R AT CO. RD. 98 BRIDGE ON RICE/STEELE CO. LINE
S001-375	MINNEHAHA CREEK IN MINNEAPOLIS, MN
S001-376	FOREST PRAIRIE CREEK 2.5 MI E OF LE SUEUR, MN
S001-377	LITTLE COTTONWOOD RIVER 2 MI NW OF CAMBRIA, MN
S001-379	MIDGE LK OUTLET AT CR-101 BRG, 4 MI NW OF CASS LK, MN
S001-380	LITTLE WOLF LK OUTLET AT CR-101 BRG, 4 MI NW OF CASS LK, MN
S001-381	CEDAR R 3.5 MI S OF AUSTIN, MN
S001-382	HAY CR IN RED WING, MN
S001-383	BRULE RIVER AT BR NFD-315, 15 MI NW OF GRAND MARAIS, MN
S001-384	WELLS CR AT CR-45 BR, 6 MI SE OF RED WING, MN
S001-385	WELLS CR 1.5 MI SW OF BELVIDERE MILLS, MN
S001-386	UNNAMED TRIB TO WELLS CR, 2 MI S OF BELVIDERE MILLS, MN
S001-387	LE SUEUR CK 2 MI EAST OF LE SUEUR, MN
S001-388	RICE CK IN RICE CK REGIONAL PARK IN FRIDLEY
S001-389	FISH CK 4 MI SE OF GREY EAGLE
S001-390	FISH CK AT AUSTIN TRAIL CULVERT 4 MI SE OF GREY EAGLE
S001-391	FISH CK AT CSAH-47 CULVERT 3 MI SSE OF GREY EAGLE
S001-392	UNN TRIB TO PRIOR LK AT CSAH-12 IN SW PRIOR LAKE
S001-393	S BR ROOT R 2 MI ENE OF AMHERST
S001-394	STORMY CK AT IRIS RD 1 MI SSW OF ROSE CITY
S001-395	COTTONWOOD R IN FLANDRAU STATE PARK IN S NEW ULM
S001-396	CANNON R AT CSAH-1 BRG IN DUNDAS
S001-397	WOLF CK AT CSAH-8 BRG 1 MI SW OF DUNDAS
S001-398	VERMILLION R AT CSAH-85 BRG 1 MI NE OF VERMILLION
S001-399	S FK ZUMBRO R AT SOLDIER'S FIELD BRG IN ROCHESTER
S001-400	UNN TRIB TO VERMILLION R AT CSAH-70 2.5 MI W OF

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Station ID	Station Name
	FARMINGTON
S001-401	STONY BRK AT UNKNOWN BRG 2 MI S OF FOLEY
S001-402	STONY BRK 3 MI SW OF FOLEY
S001-403	N BR CHUB CK AT CR-51 2.5 MI NE OF CASTLE ROCK
S001-404	MISSISSIPPI R AT COON RAPIDS DAM IN NE BROOKLYN PARK
S001-405	TWELVEMILE CK 2.25 MI N OF WAVERLY
S001-406	GRIBBEN CK AT MN-16 0.4 MI E OF WHALAN
S001-407	GRIBBEN CK 0.1 MI S OF MN-16 0.5 MI ESE OF WHALAN
S001-408	FORT RIDGLEY CK AT UNKNOWN CR BRG 3.5 MI SSW OF FAIRFAX
S001-409	LESUEUR R AT HANGING BRG IN WILDWOOD PK 2.75MI N OF ST.CLAIR
S001-410	SPRUCE CK AT SPRUCE HILL PK RD, 3 MI NNW OF BELLE RIVER
S001-411	UNN TRIB TO DUCK LK AT CSAH-26 1 MI NE OF MADISON LAKE
S001-412	TILE OUTLET TO DUCK LAKE 1.25 MI NNE OF MADISON LAKE
S001-413	UPPER IOWA R AT CSAH-14 BRG IN LEROY
S001-414	LITTLE IOWA R AT CSAH-11 3 MI NNW OF LEROY
S001-415	UPPER IOWA R 2 MI NW OF LEROY
S001-416	THOMPSON RAVINE CK AT CSAH-3 IN MANKATO
S001-417	UNN TRIB TO MIDWAY R 0.25 MI S OF CR-696 3 MI NW OF PROCTOR
S001-418	N BR SUNRISE R AT CR-64 0.5 MI W OF NORTH BRANCH
S001-419	N BR SUNRISE R AT MN-95 0.5 MI E OF NORTH BRANCH
S001-420	ROCK CK 3 MI NE OF RUSH CITY
S001-421	DRY CK NEAR CR-71 2 MI NE OF ALMELUND
S001-422	SUNRISE R 0.70 MI N OF CR-15 3 MI S OF SUNRISE
S001-423	SUNRISE R AT MN-95 2.25 MI S OF SUNRISE
S001-424	W BR SUNRISE R NEAR CR-19 1 MI W OF STACY
S001-425	SUNRISE R AT CR-14 5.5 MI N OF CHISAGO CITY
S001-426	SUNRISE R AT CR-19 2.5 MI E OF STACY
S001-427	UNN TRIB TO GOOSE CK 3.5 MI E OF HARRIS
S001-428	S BR ROOT R AT CSAH-1 4 MI SW OF SPRING VALLEY
S001-429	MINNEHAHA CK AT BRYANT AVE S FOOT BRG IN MINNEAPOLIS
S001-430	LITTLE ELK R 3 MI N OF LITTLE FALLS, MN
S001-431	W BRANCH RAVEN STR, 1/4 MI N OF UNION HILL
S001-432	MORRISON BRK 6 MI NW OF HILL CITY
S001-433	OAK CK 2 MI W OF WADENA, MN
S001-434	KINSER CK 2 MI S OF COLD SPRING, MN
S001-435	WELLS CK 1.5 MI S OF FRONTENAC, MN
S001-436	LITTLE CANNON R 3 MI S OF SOGN, MN
S001-437	KETTLE R AT SANDSTONE, MN
S001-438	SWAN R 2 1/2 MI W OF JACOBSON, MN
S001-439	SPRUCE CR 10 MI S OF GRAND MARAIS, MN
S001-440	S FORK CROW R 5.5 MI W OF HUTCHINSON
S001-441	LAC QUI PARLE R 5 MI N OF CANBY, MN

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Station ID	Station Name
S001-442	ADLEY CREEK, CHANNEL BETWEEN LITTLE BIRCH L AND SYLVIA L
S001-443	SOUTH FORK CROW R .5 MI SE OF LESTER PRAIRIE, MN
S001-444	RICE CR 1 MI N OF DUNDAS, MN
S001-445	RICE CR W SIDE OF NORTHFIELD, MN
S001-446	UNNAMED TRIB 1 1/4 MI NW OF DUNDAS, MN
S001-448	TRIB TO CREDIT R 2 MI N TO CLEARY L PARK
S001-449	SNAKE CK .7 MI S OF HWY 61
S001-450	SNAKE CK 1.5 MI S OF HWY 61
S001-451	SNAKE CK 2.3 MI S OF HWY 61
S001-452	UNNAMED DITCH 9.75 MI NW OF ALEXANDRIA, MN
S001-453	HAY CR AT RED WING, MN
S001-454	GOOSE CR 2.5 MI NE OF HARRIS, MN
S001-455	GOOSE CR 2.25 MI NE OF HARRIS, MN
S001-456	UNNAMED TRIB 2 3/4 MI SE OF CHISAGO CITY, MN
S001-457	UNNAMED TRIB 3 1/4 MI SE OF CHISAGO CITY, MN
S001-458	CLEARWATER RIVER 1 1/2 MI W OF BAGLEY, MN
S001-459	CLEARWATER R, 7 1/2 MI NE OF BAGLEY, MN
S001-460	CLEARWATER R, 4 3/4 MI NE OF LEONARD, MN
S001-461	CLEARWATER R, 6 1/4 MI N OF LEONARD, MINNESOTA
S001-462	CLEARWATER R, 7 3/4 MI NE OF GONVICK, MN
S001-464	GARRISON CK AT US-169, .5 MI NE OF GARRISON
S001-465	SEQUICHIE CK AT US-169 2.8 MI S OF GARRISON
S001-466	PETERSON CK AT MN-47 6.2 MI S OF MALMO
S001-467	MALONE CK AT MN-47 .2 MI N OF ISLE
S001-468	BORDEN CK AT MN-47 .1 MI S OF MALMO
S001-469	SEVENTEEN CK AT MN-47 2.5 MI S OF MALMO
S001-470	FEEDER STR FROM WHITEFISH LK AT US-169
S001-475	ZUMBRO R, M. FK., S. BR., 2.1 MI E OF MANTORVILLE, MN
S001-476	MASTER CREEK, 1.25 MI SE OF MANTORVILLE, MN
S001-477	STUCCY CR IN MANTORVILLE, MN
S001-478	ZUMBRO R, M. FK., S. BR. IN MANTORVILLE, MN
S001-479	UNNAMED TRIB. 1 MI W OF MANTORVILLE, MN
S001-480	UNNAMED TRIB. 2.25 MI SW OF MANTORVILLE, MN
S001-481	ZUMBRO R, M. FK., S. BR. 1 1/4 MI W OF MANTORVILLE, MN
S001-482	ZUMBRO R, M. FK., S. BR. 1/2 MI SW OF WASIOJA, MN
S001-483	MASTER CR AT 3RD ST IN KASSON, MN
S001-484	DODGE CTR CR 1 MI N OF DODGE CTR, MN
S001-485	DODGE CTR CR 1.50 MI SW OF WASIOJA, MN
S001-486	DODGE CTR CR 2.75 MI SW OF DODGE CENTER, MN
S001-487	DODGE CTR CR 1.25 MI SE OF CLAREMONT, MN
S001-488	J.D. NO. 1, 6 MI SE OF CLAREMONT, MN
S001-489	RIPLEY DITCH 6 MI SW OF CLAREMONT, MN
S001-490	DODGE CTR CR 3 MI SE OF CLAREMONT, MN

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Station ID	Station Name
S001-491	ZUMBRO R, M. FK. 1.5 MI NE OF W CONCORD, MN
S001-492	UNNAMED TRIB 1 MI W OF W CONCORD, MN
S001-493	ZUMBRO R, M. FK., IN CONCORD, MN
S001-494	MASTER CR 2 MI SE OF MANTORVILLE, MN
S001-498	MID FK CROW R AT 66TH ST NE, 2 MI SSW OF NEW LONDON
S001-499	UN TRB TO N FK CR R AT ARMITAGE AV SE BRG 2 MI S OF MONTROSE
S001-500	UNN TRIB TO FISH CK, 6 MI SE OF GREY EAGLE
S001-501	FISH CK AT CR 229 BRG, 6 MI SE OF GREY EAGLE
S001-502	JEWETT CK NEAR 300TH ST BRG, 4 MI N OF LITCHFIELD
S001-503	N FK CROW R NEAR CSAH-34 BRG, 5 MI NNE OF LITCHFIELD
S001-504	N FK CROW R, 5 MI NORTH OF HOWARD LAKE
S001-505	N FK CROW R AT KEATS AVE BRG, 5 MI NNW OF HOWARD LAKE
S001-506	BUFFALO CK NEAR CSAH-1 BRG, 2.5 MI E OF GLENCOE
S001-507	N FK CROW R, 5 MI N OF HOWARD LAKE
S001-508	N FK CROW R NEAR CSAH-20 BRG, 6 MI SSE OF PAYNESVILLE
S001-509	N FK CROW R NEAR CSAH-130, 2 MI W OF PAYNESVILLE
S001-510	N FK CROW R NEAR 263RD AVE BRG, 3 MI ESE OF PAYNESVILLE
S001-511	CROW R NEAR RIVERVIEW RD IN HANOVER
S001-512	S FK CROW R AT EASTWOOD AVE BRG, 3 MI SSW OF DELANO
S001-513	S FK CROW R AT SCHOOL RD BRG IN HUTCHINSON
S001-514	S FK CROW R AT CSAH-8 BRG, 1.5 MI SE OF HUTCHINSON
S001-515	S FK CROW R NEAR 5TH AVENUE IN HUTCHINSON
S001-516	N FK CROW R AT CSAH-5 BRG IN ALBRIGHT
S001-517	N FK CROW R AT CSAH-4 BRG, 1.5 MI W OF ALBRIGHT
S001-518	BRIGGS CK NEAR 42ND ST CULVERT, 5 MI NE OF CLEAR LAKE
S001-519	BRIGGS CK AT 42ND ST CULVERT, 5 MI NE OF CLEAR LAKE
S001-520	RICE CK AT CSAH-6 BRG, 6.5 MI NE OF CLEAR LAKE
S001-521	ELK R AT CR-61 BRG, 4 MI SE OF ST. CLOUD
S001-522	ELK R AT CSAH-16 BRG, 2.5 MI N OF CLEAR LAKE
S001-523	RICE CK AT CSAH-16 BRG, 2.5 MI N OF CLEAR LAKE
S001-524	ELK R AT CSAH-6 BRG, 2.5 MI NE OF CLEAR LAKE
S001-525	UNN TRIB TO ELK LK AT CSAH-16 BRG, 3 MI NE OF CLEAR LAKE
S001-526	ELK R AT CR-53/CR-54 BRG, 3 MI E OF CLEAR LAKE
S001-527	ELK R AT MN-25 BRG, 4 MI E OF CLEAR LAKE
S001-528	GARVIN BK NEAR US-14, 1/2 MI W OF STOCKTON
S001-529	STOCKTON VALLEY CK, 1 MILE S OF STOCKTON
S001-530	CHESTER CK IN DULUTH
S001-531	UNN TRIB TO GARVIN BK, 1.5 MI W OF STOCKTON
S001-532	ROLLINGSTONE CK AT MIDDLE VLY RD BRG, 1.5 MI NW OF MN CITY
S001-533	MIDDLE VLY CK NEAR MIDDLE VALLEY RD, 2 MI SE OF ROLLINGSTONE
S001-534	UNN TRIB TO MANUELLA LK, 5 MI SE OF LITCHFIELD
S001-535	MID FK CROW R AT CR138 BRG, 6 MI SE OF NEW LONDON

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Station ID	Station Name
S001-536	PERCH CK AT CR-110 BRG, 3 MI NE OF TRUMAN
S001-537	LOST CK, 5 MI W OF CHATFIELD
S001-538	S BR ROOT RIVER AT CR17 BRG IN PRESTON
S001-539	S BR ROOT R AT GRVL RD BR 1 MI W OF CSAH14 5 MI SE GR MEADOW
S001-540	N FK CROW R, 5 MI N OF COKATO
S001-541	CEDAR CK AT MN 47 BRG, 4 MI NW OF ISLE
S001-542	EMBARRASS R AT CSAH-20 BRG, 4 MI SE OF GILBERT
S001-543	PRAIRIE CK, 3.5 MI W OF CANNON FALLS
S001-568	OKABENA CK, 1/2 MI NO. OF CSAH-20, 1 MI W OF OKABENA
S001-571	REDDY CK AT MN-18 BRG, 3 MI E OF WEALTHWOOD
S001-572	SILVER CK AT CR-155 BRG, 1 MI E OF ROCHESTER
S001-573	CASCADE CK, 3 MI W OF ROCHESTER
S001-574	WATONWAN R, 2 MI SW OF GARDEN CITY
S001-575	MONEY CK, 5 MI NE OF RUSHFORD
S001-576	HAY CK AT US-2 BRG, 1 MI W OF RED WING
S001-577	PRAIRIE R AT CSAH-51 BRG, 9.5 MI S OF FLOODWOOD
S001-578	SANDY R AT MN-210 BRG, 3.5 MI W OF TAMARACK
S001-579	MORMON CK AT MN-18 BRG, 1 MI NW OF MALMO
S001-580	SEASTADE CK AT MN-18 BRG, 2 MI E OF WEALTHWOOD
S001-581	STRAIGHT R AT 2ND ST BRG, IN FARIBAULT
S001-582	CANNON R AT CANADA AVE, NEAR CSAH-47, 1 MILE NE OF WATERFORD
S001-583	CANNON R NEAR CR-94, 1.5 MI SW OF RANDOLPH
S001-584	STRAIGHT R NEAR CSAH-9 BRG, 1.5 MI S OF MEDFORD
S001-586	WATERVILLE CK NEAR REED ST, 1 MI SE OF WATERVILLE
S001-587	WATERVILLE CK AT CSAH-22, 6 MI SE OF WATERVILLE
S001-588	UNN TRIB TO LITTLE CANNON R AT UNKN ST, 6 MI NW OF WANAMINGO
S001-589	JACK CK AT CSAH-9 BRG, 1.5 MI SE OF HERON LAKE
S001-590	JACK CK AT 370TH AVE, 1 MI SW OF HERON LAKE
S001-591	UNN TRIB TO FULDA SECOND LK AT LAFAYETTE AVE, IN FULDA
S001-592	UNN TRIB TO JACK CK AT CSAH-2 BRG, 2 MI W OF FULDA
S001-593	RED EYE R AT CSAH-8 BRG, 4 MI E OF BLUE GRASS
S001-594	PELICAN BK, 8 MI SW OF CROSS LAKE
S001-595	PINE R, 1 MI N OF PINE RIVER
S001-596	UNN TRIB TO NORWAY LK, 1 MI N OF PINE RIVER
S001-597	GILBERT CK AT CSAH-5 BRG, 1 MI W OF LAKE CITY
S001-598	SWIFT COULEE, 5 MI SW OF ARGYLE
S001-599	N FK WATONWAN R AT CSAH-5 BRG, 2 MI NE OF DARFUR
S001-600	W BR SUNRISE R IN STACY
S001-601	CHUB CK AT CANADA AVE BRG, 4 MI NE OF NORTHFIELD
S001-602	LEAF R, 11 MI NW OF STAPLES
S001-603	RUM R, 5 MI SW OF ISANTI
S001-604	CO DTCH NO. 15, 5 MI SW OF ISANTI

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Station ID	Station Name
S001-605	UNN TRIB TO GOOSE LAKE, 8 MI SW OF RUSH CITY
S001-606	LITTLE TOAD LK INLET AT CSAH-31 BRG, 2 MI S OF LOCAL
S001-607	UNN TRIB TO YELLOW MEDICINE R AT CSAH-8, 5.5 MI E OF WILNO
S001-608	UNN TRIB TO S BR YELLOW MEDICINE R AT CR-76 BRG
S001-609	S BR ROOT R AT CSAH-17 BRG, 1 MI W OF LANESBORO
S001-610	DUTCH CK AT LAIR RD, 2 MI SW OF FAIRMONT
S001-611	ZUMBRO R S FK AT ELTON HILLS DR IN CITY OF ROCHESTER
S001-612	ZUMBRO R S FK, AT 16TH ST. IN CITY OF ROCHESTER
S001-613	SILVER CK AT 11TH AVE BRG IN CITY OF ROCHESTER
S001-614	LEAF R AT CSAH-20 BRG, 2 MI N OF WADENA
S001-615	COON CREEK AT CO RD 10 BRG, 3 MI SW OF ARCO
S001-617	NOKASIPPI R AT LEISURE LN BRG, 8 MI SE OF BRAINERD
S001-618	CD #10 AT 90TH ST SW RD XING (AKA CSAH-30), 0.5 MI N RICE LK
S001-619	CO DTCH NO 10 AT CSAH-6 BRG, 2 MI S OF HOWARD LK
S001-620	CO DITCH NO 10, 2.5 MI SE OF HOWARD LK
S001-621	CO DTCH NO 10 AT CSAH-5 BRG, 1.5 MI NE OF RICE LK
S001-622	CO DTCH NO 10 AT KEATS AVE BRG, 2 MI SW OF HOWARD LK
S001-623	UNN TRIB TO CO DTCH NO 10 AT CSAH-30, 1.5 MI OF RICE LK
S001-624	UNN TRIB TO LE SUEUR R, 1.5 MI ESE OF EAGLE LK
S001-625	SANDY RIVER, 2.5 MI S OF TAMARACK
S001-626	HIGH ISLAND CK AT CSAH-13 BRG, 4 MI W OF NEW AUBURN
S001-627	CO DTCH NO 30 AT ROBIN AVE, 3 MI SW OF BROWNTON
S001-628	UNN TRIB TO S BAKERS LK AT PRIVATE DRIVE, 5 MI S OF BROWNTON
S001-629	HIGH ISLAND CK AT CSAH-7 BRG, 4 MI SE OF STEWART
S001-630	JD 24 AT CR-51, 3 MI S OF STEWART
S001-631	HIGH ISLAND CK AT CR-54 BRG, 4.5 MI SW OF BROWNTON
S001-632	S BR MID FK ZUMBRO R, 1 MI E OF MANTORVILLE
S001-633	S BR MID FK ZUMBRO R, 4 MI NW OF CLAREMONT
S001-634	S BR MID FK ZUMBRO R AT 142ND AVE BRG, 3.5 MI NE OF CLAREMON
S001-635	S BR MID FK ZUMBRO R AT CSAH-5 BRG, 4 MI NE OF CLAREMONT
S001-636	S BR M FK ZUMBRO R AT 160TH AVE BRG, 4.5 MI NE OF CLAREMONT
S001-637	S BR MID FK ZUMBRO R AT MN-56 BRG, 4 MI NW OF DODGE CTR
S001-638	S BR MID FK ZUMBRO R AT 185TH AVE BRG, 2.5 MI W OF WASIOJA
S001-639	S BR MID FK ZUMBRO R AT CSAH-7, 1.5 MI W OF WASIOJA
S001-640	S BR MID FK ZUMBRO R, 3 MI E OF MANTORVILLE
S001-641	MID FK ZUMBRO R AT 540TH ST, 2 MI NW OF W CONCORD
S001-642	KETTLE R AT CSAH-52 BRG, 1.5 MI SW OF STURGEON LK
S001-643	W FK CROOKED BK NEAR CSAH-22, 12 MI SE OF SANDSTONE
S001-644	SNAKE R AT CSAH-61 BRG IN PINE CITY
S001-645	W FK CROOKED CK NEAR CR-172 BRG, 14 MI SE OF

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Station ID	Station Name
	SANDSTONE
S001-646	MISSION CK AT CSAH-11 BRG, .2 MI NW OF PINE CITY
S001-647	N BR GRINDSTONE R NEAR CSAH-27, 7 MI W OF SANDSTONE
S001-648	SNAKE R, 2 MI E OF GRASSTON
S001-649	MISSION CK AT CSAH-61 BRG, 1.5 MI N OF BEROUN
S001-650	SAND CK AT CSAH-30 BRG, 7 MI E OF SANDSTONE
S001-651	KETTLE R, 3.5 MI NE OF HINCKLEY
S001-652	ROCK CK, 3.5 MI S OF PINE CITY
S001-653	SAND CK, 3 MI S OF BRUNO
S001-674	MOOSE HORN R AT CSAH-46 BRG, 0.5 MI W OF STURGEON LK
S001-679	REDWOOD R AT CSAH-17, 3 MILES SW OF REDWOOD FALLS
S001-683	CANNON R AT CSAH 37, 2.9 MI WSW OF SHIELDSVILLE
S001-684	ROBERTS CK, .4 MI N OF CSAH 2 IN SEC 6, 7 MI N OF AUSTIN
S001-685	UNN TRIB TO BEAR CK, 4.8 MI E OF ROCHESTER
S001-686	BEAR CK AT CSAH 11, 3.5 MI E OF ROCHESTER
S001-687	CARVER CK, 1.2 MI W OF CSAH 43, 5.7 MI SW OF CHASKA
S001-688	UNN TRIB TO N CEDAR LK, 1 MI E OF CENTER CITY
S001-689	RUSH CK AT CSAH 27 IN RUSHFORD
S001-690	SHELL R AT CR 109, 1.2 MI SW OF HUBBARD
S001-691	W BR SUNRISE R, 2 MI N OF LINWOOD TWNSHP
S001-692	SUNRISE R DOWNSTREAM OF KOST DAM, 4 MI W OF ALMELUND
S001-693	DRY CK AT BRG ON VIBO TRAIL, 4.5 MI W OF ALMELUND
S001-694	DRY CK AT CR 81 BRG, 1.5 MILES E OF ALMELUND
S001-695	POMME DE TERRE R AT HERING ST BRG IN APPLETON
S001-696	UNN TRIB TO LAWRENCE CK, 1.4 MI SE OF SHAFER
S001-697	UNN TRIB TO N BR SUNRISE R, 2 MI SE OF NORTH BRANCH
S001-698	SUNRISE R, N BR S OF US-95, 5 MI E OF NORTH BRANCH
S001-699	PLUM CK, 2.7 MI NE OF WALNUT GROVE
S001-700	CLEAR CK AT CSAH 5, 3.5 MI NW OF LUCAN
S001-701	MOUND CK AT CSAH 3 BRG, .4 MI NW OF DOTSON
S001-702	PELL CK, 10.5 MI N OF WESTBROOK
S001-703	DUTCH CHARLEY CK AT CSAH 10, 7 MI NE OF WESTBROOK
S001-704	GORMAN CR 1 MI S OF KELLOGG, MN
S001-705	POMME DE TERRE R, 3.5 MI NW OF DALTON, MN
S001-706	POMME DE TERRE R, 2.75 MI NE OF DALTON, MN
S001-707	UNN TRIB TO HEIGHT OF LAND LK, 7 MI NW OF TOAD LK, MN
S001-708	S FK WATONWAN R, 3.75 MI NE OF OLMSBY, MN
S001-710	POMME DE TERRE R ON CSAH 20, 7 MI NW OF HOLLOWAY, MN
S001-711	STANCHFIELD CR AT FLAMINGO ST, 3.5 MI N OF SPRINGVALE, MN
S001-713	WILLOW CR, 2.75 MI SW OF SOUTH BRANCH, MN
S001-714	MINK CR, 2.75 MI W OF TRUMAN, MN
S001-715	PERCH CR AT 121ST ST, 3.75 MI SE OF LEWISVILLE, MN
S001-716	PERCH CR AT CSAH 24, 3.75 MI SW OF LEWISVILLE, MN

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Station ID	Station Name
S001-717	SPELTZ CR IN ROLLINGSTONE, MN
S001-718	ROLLINGSTONE CR AT CSAH 248 IN ROLLINGSTONE, MN
S001-719	PERCH CR, 2.25 MI NW OF TRUMAN, MN
S001-720	CD NO 7 IN N BRANCH, MN
S001-721	WILLOW CR, 8.5 MI W OF TRUMAN, MN
S001-722	WILLOW CR AT HWY 63 IN ROCHESTER, MN
S001-723	JD NO 1, 2 MI NW OF ODIN, MN
S001-724	YELLOWBANK R, 6.5 MI NW OF BELLINGHAM, MN
S001-725	POMME DE TERRE R AT US 59, 2.25 MI NE OF APPLETON, MN
S001-726	BEAR CR ON 4TH ST IN MCGRATH, MN
S001-727	SNAKE R AT CSAH 18, 2.35 MI SE OF MCGRATH, MN
S001-728	GILMORE CR, 1.1 MI S OF WINONA, MN
S001-729	S BR MID FK ZUMBRO R, 3.3 MI E OF MANTORVILLE, MN
S001-730	S FK CROW R AT CSAH 30, 1.5 MI W OF MAYER, MN
S001-731	S FK CROW R AT BR ON CSAH 32, 2.5 MI SE OF NEW GERMANY, MN
S001-732	W BR RAVEN STR ON ST BENEDICT RD IN ST BENEDICT, MN
S001-733	UNN TRIB AT CSAH 5, 12.5 MI NE OF AITKIN, MN
S001-734	UNN TRIB AT T32, 12 MI NE OF AITKIN, MN
S001-735	DES MOINES R BLW STORM DRAIN IN WINDOM, MN
S001-736	DES MOINES R ABV STORM DRAIN IN WINDOM, MN
S001-737	UNN TRIB AT CSAH 13, 3.75 MI NW OF WINDOM, MN
S001-738	STANCHFIELD CR, 5.3 MI W OF GRANDY, MN
S001-739	W FK DES MOINES R AT CSAH 14, 4.5 MI NW OF WINDOM, MN
S001-740	UNN TRIB AT 375TH ST, 6.75 MI NW OF WINDOM, MN
S001-741	BEAVER CR AT HWY 74, 4.6 MI N OF ELBA, MN
S001-742	WHITEWATER R AT CSAH 30, 4.5 MI N OF ELBA, MN
S001-743	S FK WHITEWATER R AT CSAH 26, 1 MI E OF ELBA, MN
S001-744	N FK WHITEWATER R AT CSAH 26, .4 MI NE OF ELBA, MN
S001-745	N FK WHITEWATER R AT HWY 74 AT ELBA, MN
S001-746	BUTTERFIELD CR AT CR 116, 3.5 MI NW OF ST JAMES, MN
S001-747	ST JAMES CR AT CSAH 27, 2.5 MI NE OF ST JAMES, MN
S001-748	WATONWAN R AT CR 124, 1.2 MI SW OF DARFUR, MN
S001-749	S FK WATONWAN R, 2 MI NW OF S BRANCH, MN
S001-750	WATONWAN R ON MAIN ST IN GARDEN CITY, MN
S001-751	JD NO 1, 4 MI SW OF BUTTERFIELD, MN
S001-752	UNN TRIB TO DUCK LK, .5 MI N OF MADISON, MN
S001-754	FRENCH R AT ST. LOUIS CO HWY 50, 7 MI N OF DULUTH, MN
S001-755	TALMADGE R AT CO RD 281, 3 MI N OF DULUTH, MN
S001-756	SUCKER RIVER AT ST. LOUIS CTY RD 290, 7 MILES N OF DULUTH, M
S001-757	AMITY CK ON FIRST BRG ON OCCIDENTIAL BLVD IN DULUTH
S001-759	MINNESOTA R AT CSAH 42 AT JUDSON
S001-760	SAND CK AT 270TH ST, 2 MI NE OF NEW PRAGUE
S001-761	E CHASKA CK IN CHASKA

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Station ID	Station Name
S001-762	CANNON R AT 5TH ST BRG IN NORTHFIELD
S001-763	SAND CK AT CSAH 8 IN HELENA
S001-764	RAVEN STR AT CR 64, 1 MI S OF HELENA
S001-765	RAVEN STR AT MN-21, 2.3 MI S OF HELENA
S001-766	CANNON R AT ABANDONED RD, 5 MI NW OF RED WING
S001-767	WHITEWATER R AT RAILROAD BRG AT MOUTH, .5 MI SE OF WEAVER
S001-768	SPIRITS CK AT BLACKWELL LK INLET, 1 MI SW OF HOLMES CITY
S001-769	WHITEWATER R, MID FK AT STATE PARK RD 5 MI N OF ST. CHARLES
S001-770	UNN INLET TO FREEBORN LK, 4 MI NE OF KENSINGTON
S001-771	UNN INLET TO FREEBORN LK, 3.6 MI NE OF KENSINGTON
S001-772	UNN INLET TO FREEBORN LK, 3.5 MI NE OF KENSINGTON
S001-773	LAC QUI PARLE R, 1 MI S OF CR 12, 2 MI E OF CANBY
S001-774	CANBY CK .5 MI S OF CR 30, 3.75 MI SW OF CANBY
S001-775	COBB CK, .5 MI S OF CR 12, 11 MI SW OF MADISON
S001-776	UNN INLET TO LK BROPHY, 4 MI NW OF ALEXANDRIA
S001-777	UNN INLET TO LK BROPHY AT CR 82, 3.25 MI NW OF ALEXANDRIA
S001-778	SILVER CK AT COLLINWOOD LK INLET, 6 MI SE OF DASSEL
S001-779	UNN INLET TO LK MILTONA FRM SPRING LK, 12 MI N OF ALEXANDRIA
S001-780	UNN INLET TO LK MILTONA, 12 MI N OF ALEXANDRIA, MN
S001-781	JD NO. 1 AT CSAH-18, 6 MI E OF WASECA
S001-782	CANNON R AT PEDESTRIAN BRG, E OF CSAH-1, 1 MI S OF DUNDAS
S001-783	CANNON R AT HULET AVE BRG IN FARIBAULT
S001-784	CANNON R, BRG AT 9TH ST N IN CITY OF CANNON FALLS
S001-785	PRAIRIE CK AT 310TH ST, 4 MI W OF CANNON FALLS
S001-786	CHUB CK, OLD STONE BRG COOPER AVE, 1 MI W US-56 AT RANDOLPH
S001-787	HEATH CK AT ARMSTRONG AVE, 1 1/2 MI SW OF NORTHFIELD
S001-788	CANNON R AT 5TH ST BRIDGE IN NORTHFIELD
S001-789	UNN OUTLT FROM STRING LK AT 400TH ST CULVRT, 4 MI WNW WINDOM
S001-790	COUNTY DITCH NO. 6 AT CR-85, 3 MI NE OF ALEXANDRIA
S001-791	LK RACHEL ALONG W OF PEONIC DR, 2 1/2 MI S OF HOLMES CITY
S001-792	UNN OUTLET FROM RICE LK (SAND CK) AT BRG, 3 MI NE MONTGOMERY
S001-794	UNN INLET TO LK MILTONA FROM LK IRENE, 1.5 MI SW OF MILTONA
S001-795	UNN INLET TO LK LEHOMME DIEU, 3 MI SW OF CARLOS
S001-796	UNN STRM TO STOCKTON VALLEY CK, 4 MI NW OF WILSON
S001-797	STOCKTON VALLEY CK, .75 MI S OF STOCKTON
S001-798	UNN INLET TO GULDEN LK AT FOOT BRG, 3 MI S OF OSAKIS
S001-799	CROW R, N FK 2 MI NW OF DELANO

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Station ID	Station Name
S001-800	CROW R, S FK AT MN-25 BRG, 2 MI S OF WATERTOWN
S001-801	CROW RIVER, S FK AT OLD MILL PARK IN WATERTOWN
S001-802	W FK DES MOINES R, 3/4 MI E OF CSAH-17, 8 MI SE OF WINDOM
S001-803	PERKIN'S CK, PERKINS CK BRG AT RIVER RD, 1/2 MI NW OF WINDOM
S001-804	W FK DES MOINES R, WINDOM BRG AT MN-62, IN WINDOM
S001-805	W FK DES MOINES R, 1/4 MI W OF 1ST BRG ON SPRG PKWY, JACKSON
S001-806	S FK CROW R, HUTCH BRG AT CR-14, 1/3 MI N OF HUTCHINSON
S001-807	BUFFALO CK, AT 270TH ST, 1.5 MI NW OF HENDERSON
S001-808	HIGH ISLAND CK, TROCKE BRG AT CSAH-11, 3 MI E OF ARLINGTON
S001-809	SIBLEY CO. DT NO. 2, AT 401 AVENUE, 1/2 MI N OF ARLINGTON
S001-810	BEAVER CK, AT CR-86, 1 1/2 MI N OF SLAYTON
S001-811	UNN TRIB TO EAGLE LK (HALVR SLOUGH) AT CR-9, 5 MI NE WILLMAR
S001-812	CLEAR CK, AT BETCHER TRAIL, 2 MI SE OF BELVIDERE MILLS
S001-813	W FK DES MOINES R, AT CSAH-30, 5 MI SW OF WINDOM
S001-814	W FK DS MOINES R, BRG OVER R ON MILL ST, 1/3 MI NW OF CURRIE
S001-815	LIME CK, AT CSAH-34, 2 1/2 MI SE OF SLAYTON
S001-816	LIME CK, AT CSAH-6, 5 MI SE OF SLAYTON
S001-817	MILLIKEN CK, 1 1/4 MI E OF CSAH-20, 2 MI S OF CONCORD
S001-818	CANNON R, 3/4 M N OF CSAH-19, 2 MI E OF CANNON FALLS
S001-819	UNN CK (WISCOY CK) N OF CSAH-17, 3 1/3 MI S OF WITOKA
S001-820	MONEY CK, AT CSAH-17, 4 1/2 MI SW OF WITOKA
S001-821	UNN CK (MONEY CK, WB) AT CSAH-19 CLVRT, 3 1/2 MI W OF WITOKA
S001-822	LOST CK, CROSSING OF UNN CO. RD & 212, 5 MI S OF MARIETTA
S001-823	UNN TRIB TO CROW CK, 1.5 MI N OF CSAH-12, 7 MI S OF MARIETTA
S001-824	S FK WHITEWTR R, 500 FT N OF US-14, 1/2 MI W OF ST. CHARLES
S001-825	MIDDLE FK WHITEWATER R, AT BRG AT MN-74, AT ELBA
S001-826	S FK WHTWTR R, ST. CHARLS TNSHP RD 17, 1/2 MI N ST. CHARLES
S001-827	CROW R S FK, E OF CR-123, 2 MI N OF MAYER
S001-828	N FK CROW R, AT 315TH STREET, 8 MI NW OF LITCHFIELD
S001-829	COLLINWOOD LK S INLET FRM MAPLE LK, 750 AVE, 3 MI SE DASSEL
S001-830	CROW R, 1 MI SW OF FRENCH LK CORNERS IN ANNANDALE
S001-831	MID FK WHTWTR R AT CR-107, 5 MI N OF ST. CHARLES
S001-832	MID FK WHTWTR R, 1/2 MI N OF CR-152, 5 MI N OF ST. CHARLES
S001-833	N BR WHITEWATER R, 1/3 MI S OF CSAH-4, 5 MI SE OF PLAINVIEW
S001-834	W FK DES MOINES R JUST N SPRINGFIELD PKWY IN JACKSON
S001-835	LAC QUI PARLE R, BRG ON CR-D8, 6 1/2 MI SW OF CANBY

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Station ID	Station Name
S001-836	LAC QUI PARLE R AT CSAH-20, 1/2 MI S OF LAC QUI PARLE
S001-837	S BR LAC QUI PARLE R, 1 MI S OF CSAH-20, 8 MI S OF CANBY
S001-838	LAC QUI PARLE R AT BRG ON 240TH AVE, 6 MI E OF CANBY
S001-839	LAC QUI PARLE R AT BRG ON 260TH AVE, 7 1/2 MI NE OF CANBY
S001-840	LAZARUS CK AT BRG ON CR-52, E OF MN-75, 8 1/2 MI N OF CANBY
S001-841	CO. DT NO. 4, AT CR-20 & 27 CROSS, 4 MI W OF LAC QUI PARLE
S001-842	UNN TRIB TO MF WHTWTR R, 1 MI S CSAH-2, 3 1/2 MI E L VALLEY
S001-843	CO. DT NO. 34, W SIDE OF CR-31, 3 1/2 MI S OF LAC QUI PARLE
S001-844	S FK CROW R AT MN-15 AT HUTCHINSON
S001-845	S FK CROW R AT CSAH-22 AT HUTCHINSON
S001-846	COTTONWOOD CK ON CSAH-38, 1/2 MI NE OF HOLLOWAY
S001-847	UN TRIB TO COTTONWOOD CK, 1/4 MI N CSAH-38, 1 MI NE HOLLOWAY
S001-848	COTTONWOOD CK AT US-12, 2 MI N OF HOLLOWAY
S001-849	COTTONWOOD CK, 1 MI S OF CSAH-38, 1 MI SE OF HOLLOWAY
S001-850	CO. DT NO. 21, 1 MI S OF MN-40, 3 1/2 MI S OF BIG BEND CITY
S001-851	CHIPPEWA R, 1 MI S OF CR-75, 3 MI SW OF BENSON
S001-852	CHIPPEWA DT NO. 15, AT CSAH-10, 6 MI W OF GILCHRIST
S001-853	UNN OUTLET ANN LK, 100 M N OF MN-55, 4 1/2 MI NW OF GLENWOOD
S001-854	E BR CHIPPEWA R AT 205TH ST BRG, 2 3/4 MI NW OF SEDEN
S001-855	UNN OUTLET FROM LK MINNEWASKA AT CSAH-29, 1/2 MI S STARBUCK
S001-856	UNN OUTLET FROM BIG CHIPPEWA LK ON CSAH-7, 2 MI NE BRANDON
S001-857	UNN OTLT DEVILS LK, UNN RD 1/2 MI E CSAH-16, 2 1/4 N BRANDON
S001-858	TRAPPER RUN CK AT 260TH AVE CULVERT, 4 MI W OF GLENWOOD
S001-859	UNN OUTLET FROM PELICAN LK, 2.75 MI W OF GLENWOOD
S001-860	CHIPPEWA R AT CR 99, 3.5 MI W OF KENSINGTON
S001-861	SHAKOPEE CK AT CR 29, 10.5 MI N OF WILLMAR
S001-862	CHIPPEWA R AT CR 2, 3.5 MI E OF HANCOCK
S001-863	CHIPPEWA R AT US-12, 1 MI W OF BENSON
S001-864	COUNTY DITCH 3 AT US-12, 4 MI W OF BENSON
S001-865	MUD CK, 1.5 MI E OF CSAH 33, 14.5 MI NE OF BENSON
S001-866	UNN STR, 1 MI W OF CR 33, 5.75 MI SW OF KERKHOVEN
S001-867	UN OUTLT FROM LITTLE CHIPPEWA LK, ON CR-108, 2 MI N BRANDON
S001-868	CHIPPEWA R, ON CSAH-19, 2 MI S CSAH-10, 3 1/2 MI W GILCHRIST
S001-869	UN INLET GILCHRIST LK, 1 MI N CSAH-10, 2 1/2 MI NW GILCHRIST
S001-870	HERON LK OUTLET, 3/4 MI N OF CSAH-62, 7 1/2 MI W OF WINDOM
S001-871	W FK DES MOINES R AT CR-15 BRG, 7 MI W OF WINDOM
S001-872	HIGH ISLAND CK AT CSAH-6, 2 MI N OF HENDERSON

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Station ID	Station Name
S001-873	HIGH ISLAND CK, SPORTSMAN BRG, AT CR-66, 1 MI E OF ARLINGTON
S001-874	W FK DES MOINES R, ON CR-23, 1/2 MI SE OF PETERSBURG
S001-875	UNN TRIB TO W FK DES MOI R AT CR-23, 1/2 MI SE OF PETERSBURG
S001-876	TWO STICK CK, 1.5 MI N OF KILEN WOODS ST PK 9 MI S OF WINDOM
S001-877	WEST FORK DES MOINES R, 4 MILES SE OF CURRIE
S001-878	W FK DES MOINES R, ON CR-6 BRG, 8 MI N OF HERON LAKE
S001-879	N FK WHITEWATER R W OF CSAH 4, 2.75 MI S OF PLAINVIEW, MN
S001-890	POMME DE TERRE R, 3.1 MI NW OF DALTON, MN
S001-891	HIGH ISLAND CK AT CSAH 9, 1 MI NW OF ARLINGTON
S001-904	N BRANCH PIPESTONE CK AT CR 71 BRG
S001-907	CLEARWATER RIVER, CULVERT AT CR-91, 3.5 MI NE OF BAGLEY
S001-908	CLEARWATER R AT CSAH 2 BRG, 4 MI N OF SHEVLIN
S001-911	CLEARWATER R AT CSAH 24, 6 MI NE OF LEONARD
S001-933	STRAIGHT R IN SE FARIBAULT, MN
S001-934	CANNON R AT PIER IN TWO RIVERS PK IN FARIBAULT, MN
S001-935	HEATH CR 7.25 MI W OF NORTHFIELD, MN
S001-936	TROUT BK 4 MI S OF MIESVILLE, MN
S001-937	LITTLE CANNON R, 2.5 MI SW OF CANNON FALLS, MN
S001-938	SPRING CR IN NORTHFIELD, MN
S001-939	LITTLE CANNON R, 1.2 MI SW OF CANNON FALLS, MN
S001-940	UNNAMED TRIB TO PRAIRIE CK, .35 MI W OF DENNISON, MN
S001-941	PINE CK 2 MI NE OF CANNON FALLS, MN
S001-945	S BR ROOT R AT CSAH-14, 3 MI NW OF OSTRANDER
S001-946	SHINGLE CR AT 45TH AVE & RR TRACK, MPLS, MN
S001-947	SUNRISE R ON CSAH 36, 3 MI OF WYOMING, MN
S001-948	CROW R AT IRON BR ON CR 145 IN HANOVER, MN
S001-949	ELM CR AT CSAH 53, 4.35 MI N OF GRANADA, MN
S001-950	JD NO 3 AT CSAH 53, 3.3 MI N OF GRANADA, MN
S001-951	SPELTZ CR IN EAST SIDE OF ROLLINGSTONE, MN
S001-952	ROLLINGSTONE CR AT BR NEAR LUMBERYARD IN ROLLINGSTONE, MN
S001-953	BASSET CR ON DRESDEN LN IN GOLDEN VALLEY, MN
S001-954	UNN TRIB TO FISH LK, 3 MI SE OF CLEARWATER, MN
S001-955	FISH CR ON GRUNWOLD AVE, 3 MI SE OF CLEARWATER, MN
S001-965	BOWSTRING R 3 MI SW OF DORA LK, MN
S001-966	GRIBBON CR 1.75 MI SE OF WHALEN, MN
S001-967	TWELVEMILE CR AT CSAH 8, 1.5 MI NW OF WAVERLY, MN
S001-968	TWELVEMILE CR 2.25 MI W OF WAVERLY, MN
S001-969	TWELVEMILE CR NEAR HART AVE, 2 MI SW OF HOWARD LK, MN
S001-970	UNN TRIB TO TWELVEMILE CR, 1.75 MI SE OF HOWARD LK, MN
S001-971	UNN TRIB OUTLET FROM DUTCH LK, 1 MI E OF HOWARD LK, MN

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Station ID	Station Name
S001-972	TWELVEMILE CR AT CSAH 7, 2 MI NW OF WAVERLY, MN
S001-973	TWELVEMILE CR NEAR HART AVE, 2.5 MI SW OF HOWARD LK, MN
S001-974	BROWNS CR AT BIKE TRL 4 MI NW OF STILLWATER, MN
S001-975	KNIFE R 0.5 MI N OF CSAH 3, 11 MI NW OF MORA, MN
S001-976	KNIFE R 0.15 MI S OF CSAH 3, 10.75 MI NW OF MORA, MN
S001-977	BASSETT CR SE OF WIRTH LK IN GOLDEN VALLEY, MN
S001-978	N FK CROW R 3 MI W OF ROCKFORD, MN
S001-979	SILVER CR AT 127TH ST, 1.25 MI NE OF SILVER CR, MN
S001-980	SILVER CR AT BUFFIELD AVE, .35 MI E OF SILVER CR, MN
S001-981	GARVIN BK AT QUARRY IN MINNESOTA CITY, MN
S001-982	S BR M FK ZUMBRO R AT CSAH 3, 3.5 MI SW OF ORONOCO, MN
S001-983	CD 56 AT CSAH-9 IN S END OF LAKE CRYSTAL, MN
S001-984	UNN TRIB ON MERIDAN AVE, 4.5 MI W OF MONTECELLO, MN
S001-985	MINNEOPA CR AT MINNEOPA STATE PK, 4 MI W OF MANKATO, MN
S001-986	DIVISION CR 2.25 MI NE OF OKABENA, MN
S001-987	OKABENA CR 2 MI W OF OKABENA, MN
S001-988	DESMOINES R AT CSAH 7, 3.25 MI NE OF DUNDEE, MINNESOTA
S001-989	UNN TRIB 1.75 MI SE OF PETERSBURG, MN
S001-990	GARVIN BK AT DNR TSR ZONE, 3.4 MI NE OF LEWISTON, MN
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-001	MUSTINKA R AT CSAH-9 BRIDGE, 1.3 MI NW OF NORCROSS
S002-002	RABBIT R, AT CSAH-4 RT BANK OF BRG, .1 MI SW OF CAMPBELL
S002-012	HAWK CK AT CR 52 BR, 6.5 MI SE OF GRANITE FALLS
S002-022	UNN OUTLET FROM BIG SWAN LK ON CSAH-21, 5.5 MI N OF DASSEL
S002-030	UNN TRIB TO CROW R ON CSAH-19 AT ST. MICHAEL
S002-031	CNTY DT 36 ON CSAH-21, 2 1/2 MI SW OF KINGSTON
S002-039	OGECHIE WTLD (BUCKMORE DAM) OLT FROM RUM R 2.5 MI S VINELAND
S002-040	BROWNS LK INLET JUST W OF MN-22, 5 MI S OF RICHMOND
S002-041	BIG WATAB LK INLET ON UNN ROAD, 3.5 MI S OF AVON
S002-042	WATAB R AT BIG WATAB LAKE OUTLET, 4.5 MI S OF AVON
S002-043	BIG WATAB LK INLET FROM FOSM SLOUGH, 3.5 MI S OF AVON
S002-044	CO DT 26 AT CSAH-130, 6.5 MI NE OF SPICER
S002-045	UNN TRIB TO CROW R AT UNN ROAD, 1.5 MI S OF ST. MICHAEL
S002-046	ELK R AT CSAH-23 BRG, 2 MI N OF BECKER
S002-047	CROW R JUST W OF CSAH-13, 6.5 MI NW OF CHAMPLIN
S002-048	CROW R, S FK AT HARMONY LN IN HUTCHINSON
S002-049	CROW R, S FK AT CSAH-17 BRG, 2.25 MI NE OF LAKE LILLIAN
S002-050	MILL CK AT UNN RD, 1 MI E OF CSAH-8, 1.5 MI S OF ROCKVILLE
S002-051	GRAND LK INLET AT UNN RD, E OF CSAH-8, 3 MI S OF ROCKVILLE
S002-052	BIG FISH LK INLET ON UNN ROAD, 4.5 MI NW OF COLD SPRING

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S002-053	BIG FISH LK OUTLET ON UNN ROAD, 4.5 MI NW OF COLD SPRING
S002-054	S TWO R AT TWO RIVER LK INLET, 2 MI NW OF ST. ANNA
S002-055	PELICAN CK AT BRG ON UNN RD, 2 M SW OF ASHBY
S002-056	POMME DE TERRE R AT CR-51 BRG, 5.5 MI W OF ASHBY
S002-057	POMME DE TERRE R ON CR-47 BRG, 5.5 MI N OF BARRETT
S002-058	POMME DE TERRE R AT BRG ON UNN ROAD, 4 MI S OF BARRETT
S002-059	UNN TRIB TO LAC QUI PARLE R ON UNN RD, 7.5 MI SW OF CANBY
S002-060	FLORIDA CK AT CR-E3 BRG, 2.5 MI W OF BURR
S002-061	W BR LAC QUI PARLE R AT CR-50 BRG, 2 MI NE OF GARY, SD
S002-062	UNN TRIB TO LAZARUS CK AT UNN RD BRG, 1 MI NW OF CANBY
S002-063	W BR LAC QUI PARLE R AT US-75 BRG, 5 MI S OF MADISON
S002-064	CO DT 34 ON UNN RD, JUST W OF CSAH-27, 5 MI SW OF DAWSON
S002-065	W BR LAC QUI PARLE R AT WALKING BRG IN DAWSON
S002-066	LAZARUS CK AT CR-E2 BRG, 3 MI NW OF CANBY
S002-067	FLORIDA CK AT BRG ON UNN RD, 6.5 MI NW OF CANBY
S002-068	CANBY CK IN LK SYLVAN PK IN CANBY, MN
S002-069	EMILY CK AT UNN RD, JUST W OF CR-66, 4.5 MI NE OF MILAN
S002-070	CANBY CK AT MN-68 IN CANBY
S002-071	UNN TRIB TO S FK WHITEWATER R ON CSAH-32 BRG
S002-072	LOGAN BR N FK WHITEWATER R AT CSAH-10, 5.5 MI S OF PLAINVIEW
S002-073	MID FK WHITEWATER R ON CSAH-9 BRG, 3.5 MI NW OF DOVER
S002-074	MID FK WHITEWATER R AT CSAH-10 BRG, 3.5 MI N OF DOVER
S002-075	MAPLE LK INLET @ CSAH-10 BRG, 2 MI SO OF MENTOR
S002-079	THIEF R, 1 MI E CSAH-32, HILLYER BRG, 4 MI N THIEF R FALLS
S002-080	RED LK R, SAMPSON BRG, IN CROOKSTON
S002-081	BURNHAM CK, TWNShp RD BRG, 3/4 MI SE US-75 2 MI SW CROOKSTON
S002-083	GRAND MARAIS CK ON CSAH-220 BRG, 3 MI N OF EAST GRAND FORKS
S002-085	MUD R ON CSAH-1 BRIDGE IN REDBY
S002-086	UNN INLET TO BEE LAKE AT CSAH-37 BRG, 1 MI SW OF ERSKINE
S002-097	RED RIVER OF THE NORTH AT CR-26, 7 MI N OF FARGO/MOORHEAD
S002-098	RED LK R AT CSAH-220, 3.5 MI SE OF EAST GRAND FORKS
S002-099	SAND HILL R AT US-75 ON NORTH END OF CLIMAX
S002-100	TAMARAC R AT CSAH-220, 11 MI W OF STEPHEN
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-105	HAY CK AT CR-28, 3 MI NE OF ROSEAU
S002-106	HAY CK AT TWP RD, 1.25 MI NW CSAH-11 CROSSING, 6.5 E ROSEAU
S002-107	ROSEAU R AT MN-89 AT ROSS
S002-108	JD #25, SE INTERSEC 280TH AVE & 210TH ST, 5.5 MI E OF WARREN

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Station ID	Station Name
S002-110	MARSH CK AT CR-40, 6.5 MI W OF MAHNOMEN
S002-111	WHISKY CK AT CR-25, 2 MI E OF BARNESVILLE
S002-112	WHISKY CK AT CR-21, 6 MI WNW OF BARNESVILLE
S002-113	RED R AT DEMERS AVE BRG BTW E GRAND FKS, MN & GRAND FKS, ND
S002-114	RED R ON CR-8, 9 MI SO OF MOORHEAD, MN & FARGO, NORTH DAKOTA
S002-116	RED R ON FIRST AVE NO. BRG IN MOORHEAD, MN/FARGO, ND
S002-118	CLEARWATER R AT KLONDIKE BRIDGE/BOTTINEAU AVE RED LAKE FALLS
S002-119	CLEARWATER R AT CR4 AT OUTLET OF CLEARWATER LK
S002-121	CLEARWATER R AT CR96 7 MI E OF ROLAND
S002-122	WALKER BK AT CSAH19 IN BAGLEY MN
S002-124	CLEARWATER R AT RD IN T151R42S45W 1 MI N PLUMMER
S002-125	BUFFALO R AT CR-108, 2 MI SE OF GEORGETOWN
S002-126	GRAND MARAIS CK AT CR-64, 9 MI N OF EAST GRAND FORKS
S002-127	MARSH R AT CR-113, 1 MI SE OF SHELLY
S002-129	BADGER LK INLET AT TWP RD CULV BY ACCESS, 1 1/3 MI N ERSKINE
S002-130	MAPLE LK OTLT, DITCH NO. 14 AT CSAH-10, 1.5 MI SO. OF MENTOR
S002-131	MITCHELL LK/BADGER LK CONNECT US-2 BRG, 1 MI NO. OF ERSKINE
S002-132	BLACK R ON CSAH-18 B/4 CONFLU W/RED LK, 6 MI W RED LK FALLS
S002-133	LOST R AT CR-119, 2 MI N OF BROOKS
S002-134	HILL R AT CR-119, .5 MI NO. OF CSAH-92, IN BROOKS
S002-192	CHIPPEWA R AT CSAH-1, 6 MI NE OF HANCOCK
S002-238	SACRED HEART CK JUST W OF CR-61, 5 MI SE OF RENVILLE
S002-239	SACRED HEART CK AT UNN ROAD, 6.5 MI SW OF RENVILLE
S002-240	W FK BEAVER CK, 1 MI S OF US-212, 1.5 MI SW OF DANUBE
S002-241	MINNESOTA R AT CSAH-37 BRG, .25 MI S OF ORTONVILLE
S002-242	GETCHELL CK AT CR-153, 2.5 MI SW OF ST. FRANCIS
S002-243	HAWK CK ON UNN ROAD, JUST S OF CSAH-13, 1.5 MI W OF RAYMOND
S002-244	UNNAMED TRIB 8 MI W OF NORTHFIELD, MN
S002-245	UNN STR TO GRINDSTONE LK, 6.5 MI W OF SANDSTONE, MN
S002-246	HAWK CR, 4.75 MI SE OF GRANITE FALLS, MN
S002-248	JACK CR, 2 MI NE OF OKABENA, MN
S002-249	SUNRISE R DOWNSTREAM OF POOL 3 DAM, 4.5 MI N OF CHISAGO, MN
S002-250	SILVER CR ON 134TH ST, 2.15 MI NE OF SILVER CR., MN
S002-274	STRAIGHT R, .1 MI UPST OF MUD CR, 4 MI SW OF FARIBAULT, MN
S002-275	CARIBOU CR ON CSAH 4, 4.5 MI N OF LUTSEN, MN
S002-276	MISTLETOE CR AT CSAH 4, 5 MI N OF LUTSEN, MN
S002-293	CROW R, MF AT CSAH 2, 7 MI E NE OF SPICER, MN

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Station ID	Station Name
S002-297	CD 26 ABOVE LK CALHOUN, 6.4 MI NE OF SPICER, MN
S002-355	CROW R, N FK AT BRG ON MN-55/4, 4.5 MI SE OF PAYNESVILLE, MN
S002-359	JOE R AT CSAH-16, 5 MI NE OF ST. VINCENT
S002-365	TWO RIVERS, S BR AT US-59 AT LAKE BRONSON
S002-368	TWO RIVERS, N BR AT CSAH-6, JUST W OF LANCASTER
S002-369	TWO RIVERS, N BR, 1.5 MI E OF CSAH-4, 8 MI NE OF LANCASTER
S002-370	TWO RIVERS, N BR, AT US-75 AT NORTHCOTE
S002-398	PLEASANT VALLEY CR E OF CSAH-17, 3.5 MI S OF WINONA, MN
S002-404	ELK R, AT DOCK AT 7290 107TH LANE, 3.1 MI NE OF CLEAR LAKE
S002-405	WATAB R, 0.5 MI UPST OF MISSISSIPPI R, AT SARTELL
S002-406	WHITEWATER R, S FK, AT CSAH 37, 1.75 MI SE OF ELBA, MN
S002-407	UNN TRIB TO ELK LK AT CR-55, 2.4 MI NE OF CLEAR LK, MN
S002-408	CAT R AT CSAH 26, 0.67 MI S OF NIMROD, MN
S002-409	BATTLE CK AT BATTLE CK PARK IN ST. PAUL, MN
S002-410	UNN OUTLT FRM BRIGGS LK AT CSAH 16, 3.5 MI NE OF CLEAR LK, MN
S002-411	RICE CK AT 42ND ST, 4.8 MI NE OF CLEAR LK, MN
S002-412	PINE CK 200 YD. UPST OF CSAH 17, 1.8 MI NE OF CANNON FALLS
S002-413	CANNON R AT CSAH 13 .25 MI N OF WARSAW, MN
S002-414	POMME DE TERRE R AT TOWNSHIP RD 179, 4 MI SW OF HOFFMAN, MN
S002-415	UNN TRIB TO ANN LK AT CSAH 30, 2.9 MI S OF HOWARD LK, MN
S002-416	UNN TRIB TO LK EMMA AT CSAH 30, 3.6 MI SE OF HOWARD LK, MN
S002-419	VERMILLION R AT CSAH-62, 0.2 MI W VERMILLION, MN
S002-423	VERMILLION R AT DONNELLY AVE, 0.2 MI N OF EMPIRE, MN
S002-426	VERMILLION R AT BISCAYNE AVE, 1.9 MI NE OF FARMINGTON, MN
S002-427	MAPLE R AT CSAH 35 5.2 MI S OF MANKATO, MN
S002-428	WILLOW CK AT UNN RD .3 MI S OF MN-30 1 MI SW OF WILLOW CK MN
S002-430	MAPLE R .2 MI SW OF TOWNSHIP RD 531 .9 MI SE OF GOOD THUNDER
S002-431	RICE CK AT CR-151 .9 MI SE OF STERLING CENTER, MN
S002-432	JD 49 AT TOWNSHIP RD 31 .1 MI SE OF STERLING CENTER, MN
S002-433	MAPLE R AT TOWNSHIP RD-367 1 MI E OF STERLING CENTER MN
S002-434	MAPLE R OFF OF TOWNSHIP RD-146 5 MI S OF MANKATO, MN
S002-435	MAPLE R AT TOWNSHIP RD-96, 2 MI NE OF GOOD THUNDER, MN
S002-436	MAPLE R .2 MI N OF CSAH-10, .5 MI E OF GOOD THUNDER, MN
S002-440	UNN DT AT CSAH-21 1 MI SW OF MINNESOTA LAKE, MN
S002-441	CROW R, N FK, AT MN-55, AT PAYNESVILLE, MN
S002-442	MINNEWAWA CK AT MN-65, 5 MI N OF MCGREGOR, MN
S002-443	CNTY DT 42 AT MN-210, 1.3 MI E OF MCGREGOR, MN
S002-444	SAVANNA R AT CSAH-14, 7 MI NE OF SHESHABEE, MN

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Station ID	Station Name
S002-445	PRAIRIE R AT 140TH AVENUE 7 MI NE OF SHESHABEE, MN
S002-446	PRAIRIE R AT 145TH AVENUE 6.5 MI NE OF SHESHABEE, MN
S002-447	ZULEGER CR AT CSAH-2. 2.5 MI E OF RICE, MN
S002-448	STONY BK .5 MI N OF MN-95. 5.3 MI SW OF FOLEY, MN
S002-449	MILLER CK AT CR-66. 1 MI SW OF LAKE CITY, MN
S002-450	SPUNK CK AT CR-9. 2 MI SW OF AVON, MN
S002-451	UNN DT AT UPPER SPUNK LK RD, 1.1 MI S OF AVON, MN
S002-452	MN R 75 FT UPST BLACK DOG LK OTL .25 MI E I35W BURNSVILLE MN
S002-453	SALEM CK AT 210 AVENUE, 4.7 MI N OF HAYFIELD, MN
S002-454	SALEM CK AT CR-1. 4.3 MI N OF HAYFIELD, MN
S002-455	SALEM CK AT UNN RD 4.3 MI N OF HAYFIELD, MN
S002-456	MACKENZIE CK W OF DODGE COURT, 1.9 MI NE OF WARSAW, MN
S002-457	BLUEBERRY R 2 BLOCKS W OF US-71 IN MENAUGA, MN
S002-458	LAC QUI PARLE R, W BR, AT END OF 11TH ST IN DAWSON, MN
S002-459	UNN TRIB TO LAC QUI PARLE R, 4.4 MI SW OF DAWSON, MN
S002-460	WING R AT CR-111. 1 MI NW OF VERNDALE, MN
S002-461	REDEYE R AT US-71 IN SEBEKA, MN
S002-462	ZUMBRO R, MID FK, S BR, OXBOW PARK DRIVE, 2.5 MI N OF BYRON
S002-463	UNN TRIB TO PELICAN LK AT CR-154. 4.7 MI NE OF ALBANY, MN
S002-464	CO DT 24 AT TIMBER LANE, 5.5 MI NW OF MANKATO, MN
S002-465	CANNON R AT CSAH-12, 3.2 MI NW OF WATERVILLE, MN
S002-466	7 MI CK AT 7 MI CK PARK, 5.3 MI SW OF SAINT PETER, MN
S002-467	SPUNK CK AT CSAH-9, 1 MI N OF AVON, MN
S002-468	SAINT FRANCIS R AT CSAH-6, 3.9 MI SE OF FOLEY, MN
S002-469	MINNEOPA CK .4 MI N OF CSAH-6. .8 MI NW OF LAKE CRYSTAL, MN
S002-470	BLUE EARTH R, E BR, AT N E STREET IN BLUE EARTH, MN
S002-471	BLUE EARTH R AT CSAH-16. .6 MI W OF BLUE EARTH, MN
S002-472	COBB R AT 250TH STREET, 6.8 MI E OF MN LK, MN
S002-473	JD DT 9, 300 FEET UPST OF CSAH 46. 5.5 MI S OF MAPLETON, MN
S002-475	CANNON R AT COLLISCHAN RD BRG, 5 MI NW OF RED WING
S002-476	ELM CK ON UNKNOWN RD (1 MI NO CSAH-10), 2 MI SW OF WINNEBAGO
S002-477	E BR BLUE EARTH R @ CSAH-16 BRG #22592, 4 MI NW WALTERS, MN
S002-478	BLUE EARTH R, 1 MI. W OF US-169, 5 MI. NO. OF WINNEBAGO
S002-479	SNAKE R AT THE CONFLUENCE OF BASS CK, 6 MI E OF PINE CITY
S002-480	TISCHER CK JUST DWNST FROM BRG CROSSING ON 4TH ST IN DULUTH
S002-481	CHESTER CK UPSTM OF BRG CROSSING, E OF KENWOOD AVE IN DULUTH
S002-482	ROOT R, N BR AT BRG ON UNN ROAD, 2 MI NE OF

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Station ID	Station Name
	STEWARTVILLE
S002-483	ST. FRANCIS R, E OF CSAH-3 AND CSAH-5, 6.5 MI E OF SANTIAGO
S002-484	ST. FRANCIS R AT CSAH-5 JUST W OF BRG, 4 MI SE OF SANTIAGO
S002-485	ST. FRANCIS R AT CSAH-11, JUST NW OF BRG, JUST N OF SANTIAGO
S002-509	BEVENS CK AT CSAH-53, 1.2 MI S OF COLOGNE, MN
S002-521	FRENCH CK AT OLIVER AVENUE. 0.6 MI NE OF FRENCH LK, MN
S002-522	UNN TRIB TO FRENCH LK AT CSAH 37. 1.3 MI E OF FRENCH LK, MN
S002-523	CO DTCH 16 AT 45TH STREET NW. 1.9 MI NE OF FRENCH LK, MN
S002-524	UNN TRIB TO FRENCH LK 1.7 MI NE OF FRENCH LK, MN
S002-525	JEWETT CK AT CSAH 1. 0.3 MI W OF LITCHFIELD, MN
S002-526	SPUNK CK UPST OF MID SPUNK LK AT I-94. 1 MI SW OF AVON, MN
S002-527	UNN TRIB TO CANNON R AT TELEMAR RD. 1.5 MI S OF DUNDAS, MN
S002-528	BELLE CK AT 352 ST. 1.3 MI S OF WHITE ROCK, MN
S002-529	BELLE CK AT WHITE ROCK TRAIL, 7.5 MI E OF CANNON FALLS, MN
S002-530	PINE CK AT 280 ST. 2.5 MI N OF CANNON FALLS, MN
S002-531	LITTLE CANNON R AT MN PARK IN CANNON FALLS, MN
S002-532	BELLE CK AT ALL TERRAIN VEHICLE BRG 6.3 MI SW OF RED WING MN
S002-533	CHUB CK AT CR-83. 0.2 MI S OF RANDOLPH, MN
S002-534	SPRING CK AT INDUSTRIAL ROAD IN RED WING, MN
S002-535	SPRING CK UPST OF LYMAN LK AT CARLETON COLLEGE IN NORTHFIELD
S002-536	TROUT BK W BR AT MIESVILLE TRAIL 5 MI NE OF CANNON FALLS, MN
S002-537	TROUT BK E BR AT MIESVILLE TRAIL 5 MI NE OF CANNON FALLS, MN
S002-538	CANNON R .25 MI DWNST OF BYLLESBY DAM 1 MI W OF CANNON FALLS
S002-543	UNN TRIB TO HOWARD LK AT IMHOFF AVE. 1 MI NE OF HOWARD LK
S002-544	UNN TRIB TO HOWARD LK AT CSAH-6. 1.5 MI NW OF HOWARD LK, MN
S002-547	MAPLE R OFF TOWNSHIP RD 365. 1.25 MI NE OF GOOD THUNDER, MN
S002-550	SHAKOPEE CK AT US-12. 1 MI SE OF KERKHOVEN, MN
S002-582	POKEGAMA CK AT CSAH-11 NR POKEGAMA LK 4.75 MI NW OF PINE CTY
S002-661	CLEARWATER R CHANNEL FROM CLEARWATER LK TO GRASS LK
S002-670	WILLOW CK. AT KIMBALL
S002-671	THREE MILE CK. AT INLET TO OTTER L.
S002-674	FAIRHAVEN CK. AT CR-44, NEAR FAIRHAVEN

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Station ID	Station Name
S002-675	KNIFE R AT CSAH8 6 MILES NORTH OF MORA
S002-678	UNN STR TRIB TO KNIFE R AT CSAH-15, 6 MI W OF WARMAN
S002-708	BUFFALO R AT CR 94, 5.5 MI W OF AVERILL
S002-711	STONY CK AT CR68, 2 MILES SE OF SABIN
S002-746	OVERLAND DITCH 1 INLET BIG KANDI T118NR34WS28
S002-832	UNN STR OUTLET LK HARRIET AT 50TH ST, MPLS
S002-875	UNNAMED STR 1.8 MI W OF WAHKON ON MN-HWY 27
S002-906	LONG PRAIRIE R ON BR AT CR 90, 2.25 MI SE OF BROWERVILLE, MN
S002-935	RUSH R AT 401ST AVENUE, 8.1 MI SE OF GAYLORD, MN
S002-936	CTY DTCH 46A DWST OF CSAH-13, 6 MI SW OF ST. PETER
S002-937	SEVENMILE CK IN SEVENMILE CK CTY PK, 5.5 MI SW OF ST. PETER
S002-938	CO DTCH-55 0.5 MI W OF CSAH-13, 3.4 MI NE OF GAYLORD, MN
S002-939	MID BR RUSH R AT CSAH-25, 2 MI SW OF WINTHROP, MN
S002-940	CO DTCH 13A AT 290TH ST IN GIBBON, MN
S002-941	MID BR RUSH R AT CSAH-23, 4 MI SW OF GAYLORD, MN
S002-942	MID BR RUSH R AT CSAH-4, 3.4 MI SE OF WINTHROP, MN
S002-943	JD-1A AT CR-3, 11 MI NW OF ST PETER, MN
S002-944	S BR RUSH R AT CSAH-18, 6.8 MI SW OF HENDERSON, MN
S002-945	MID BR RUSH R AT CSAH-9, 7.5 MI SE OF GAYLORD, MN
S002-956	NOKASSIPPI R AT CSAH 2, 3 MI NE OF FORT RIPLEY, MN
S002-963	RED LK R AT 2ND AVE NE (MURRAY BRIDGE) IN EAST GRAND FORKS
S002-964	MN R W OF PETES POINT RD, 2.6 MI SE OF GRANITE FALLS, MN
S002-965	TIMMS CK E OF CSAH 15. 13 MI SW OF OLIVIA, MN
S002-967	JD-16 AT 240TH AVENUE SW. 3 MI S OF ROSELAND, MN
S002-968	BATTLE R (SO BR) AT INDIAN SERVICES 19/HWY 18 10 MI NE REDBY
S002-969	BLACK DUCK R AT CSAH-23, 8.8 MI E OF REDBY
S002-970	PIKE CREEK, DNR GAUGING STATION (SO SIDE OF CSAH-1) RED LAKE
S002-971	RED LAKE R AT US-75 BRG (TRUCK BYPASS) ON W SIDE CROOKSTON
S002-972	BURNHAM CK AT POLK CR-216, 2.3 MI SE OF FISHER
S002-973	RED LAKE R AT BROADWAY AVE IN CROOKSTON
S002-974	CD #126 AT KEYWEST ON CSAH-20, 10 MI NE OF FISHER
S002-975	RED LAKE R AT OLD RAILROAD CROSSING IN RED LAKE FALLS
S002-976	RED LAKE R AT CSAH-3, 8 MI W OF RED LAKE FALLS
S002-977	MUD R AT CSAH-54 IN GRYGLA
S002-978	UNN TRIB (MUD R) MOOSE R IMP OLT FOR JD11, 10.5 MI NE GRYGLA
S002-979	CD #20 AT CSAH-54, 5 MI SOUTH OF GRYGLA
S002-980	MOOSE R AT MOOSE R FOREST ROAD, 12 MI NE OF GRYGLA
S002-981	CLEARWATER R AT CSAH-5, 6 MI N OF OKLEE
S002-982	HILL R AT TWP RD .25 MI SO JUNC MN-92/CSAH-8 4.5 MI SO

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Station ID	Station Name
	OKLEE
S002-983	GRAND MARAIS CK AT 130TH AVE SW, 2.5 MI NW OF FISHER
S002-984	GRAND MARAIS CK AT CSAH-19, 5 MI E OF E GRAND FORKS
S002-986	SNAKE R AT 5TH STREET IN WARREN
S002-987	MIDDLE R AT CSAH-28 ON WEST EDGE OF NEWFOLDEN
S002-988	MIDDLE R AT CSAH-30, 5 MI NW OF NEWFOLDEN
S002-989	MIDDLE R AT CSAH-39, 11 MI W OF NEWFOLDEN
S002-990	TAMARAC R AT CSAH-10, 6.3 MI NW OF STEPHEN
S002-991	TAMARAC R AT 390TH AVE NW ON W SIDE OF STEPHEN
S002-992	TAMARAC R AT CSAH-34, 12 MI SE OF STEPHEN
S002-994	SNAKE R AT 210TH ST NW IN BOXVILLE TWP, 2.5 MI SW OF WARREN
S003-003	TIBBITS BROOK AT CR-35
S003-006	SNAKE R AT 185TH AVE
S003-008	ELK R AT CR-62
S003-016	TURTLE CK AT CSAH-45 3 MI S OF OWATONNA
S003-042	CLEARWATER CK S OF CR-14 (MAIN ST) IN CENTERVILLE
S003-051	HARDWOOD CK AT W 170TH ST N OF HUGO
S003-059	RICE CK AT LEXINGTON AVE IN SHOREVIEW
S003-065	DOBBINS CK AT THE NATURE CENTER IN AUSTIN
S003-086	W BR LAC QUI PARLE R AT US HWY 212 12.5 MI SW OF MADISON, MN
S003-088	FLORIDA CK AT US HWY 212 11 MI SW OF MADISON, MN
S003-092	TWO RIVERS N BR AT TWP HWY T-215, 2 MI E OF NORTHCOTE
S003-093	ROSEAU R SO FK AT CR-126, 7 MI SO OF ROSEAU
S003-094	ROSEAU R AT CENTER STREET IN ROSEAU
S003-095	ROSEAU R AT OLD RR BRIDGE AT MALUNG TOWN HALL IN MALUNG
S003-096	ROSEAU R AT MN-310, 5.2 MI NO OF ROSEAU
S003-097	SPRAGUE CREEK AT MN-310, 6.4 MI NO OF ROSEAU
S003-099	TWO RIVERS S BR AT TOWNSHIP RD, 1.5 MI SE OF HALLOCK
S003-100	TWO RIVERS M BR AT TOWNSHIP ROAD, 3 MI SE OF HALLOCK
S003-101	SNAKE R AT CSAH-34, 3 MI NE OF WARREN
S003-102	TWO RIVERS AT TOWNSHIP ROAD, 6.5 MI W OF HALLOCK
S003-103	TWO RIVERS M BR AT TOWNSHIP ROAD, 4 MI N OF LAKE BRONSON
S003-104	MUSTINKA R AT CSAH-13, 6 MI NE OF HERMAN
S003-105	MUSTINKA R AT CSAH-8, 8 MI NE OF HERMAN
S003-106	CD #8 ON MN-27, 3.4 MI W OF HERMAN
S003-112	TWELVE MILE CREEK E BR AT CSAH-18, 9 MI SE OF DUMONT
S003-113	TWELVE MILE CREEK W FK AT CR-62, 5 MI SE OF DUMONT
S003-114	TWELVE MILE CREEK E BR ON CSAH-6, 3.4 MI E OF DUMONT
S003-115	UNN TRIB (E BR 12 MILE CK TO W BR) AT CR-62, 3 MI SE DUMONT
S003-116	TWELVE MILE CREEK W BR AT CR-62, 2 MI SE OF DUMONT

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Station ID	Station Name
S003-118	FIVE MILE CK ON MN-27, 5.7 MI W OF HERMAN
S003-120	UNN TRIB TO THE RABBIT R AT MN-9, 1.5 MI NO. OF CAMPBELL
S003-121	STINER CK AT CSAH-34 CROSSING, .6 MI E OF ULEN
S003-122	MUSTINKA R AT MUSTINKA DAM (PINE RIDGE PARK), 5 MI NE HERMAN
S003-123	TWELVE MILE CK W BR ON CSAH-6, .25 MI E OF DUMONT
S003-124	TWELVE MILE CK ON CSAH-14, 7.5 MI NE OF WHEATON
S003-125	BUFFALO R S BR AT CSAH-10 (1/3 MI W US-52), 1.6 MI SE SABIN
S003-126	POPLAR R AT 240TH AVE SE, 2.5 MI NW OF MCINTOSH
S003-127	POPLAR R AT CSAH-30, 1.5 MI N OF FOSSTON
S003-128	UNNAMED OUTLET FROM OAK LAKE, 3 MI E OF ERSKINE
S003-129	CTY DT #39 AT CSAH-26, 7 MI SO OF FELTON
S003-130	SANDHILL R AT MN-9, .5 MI SO OF BELTRAMI
S003-131	CD #16 AT CSAH-31, 5 MI SE OF MCINTOSH
S003-134	SAND HILL R AT MN-220, .5 MI W OF CLIMAX
S003-135	SAND HILL R AT CSAH-1, 1 MI E OF FERTILE
S003-136	SAND HILL R AT 350TH AVE SW, 4 MI SW OF FERTILE
S003-138	SAND HILL R AT 200TH ST SE, 6 MI SW OF FOSSTON
S003-139	SAND HILL R AT 345TH AVE SE, 4.5 MI SW OF FOSSTON
S003-140	SAND HILL R AT CSAH-1, 5.2 MI E OF FERTILE
S003-141	SAND HILL R AT CSAH-10, 9 MI SE OF FERTILE
S003-142	RED R AT CSAH-7, 2.2 MI W OF CLIMAX
S003-143	SAND HILL R AT 185TH ST SE, 5.5 MI SE OF MCINTOSH
S003-144	SAND HILL R AT 120TH ST SE, 2.8 MI SW OF WINGER
S003-145	BUFFALO R SB AT CSAH-11, 9 MI SW OF BARNESVILLE
S003-146	BUFFALO R ON MN-9, 3 1/2 MI E OF GLYNDON
S003-147	CD #14 LAWDALE SPRING AT CR-167, 8 MI S OF BARNESVILLE
S003-148	BUFFALO R SB ON TWP RD 14, 9 MI SW OF BARNESVILLE
S003-149	BUFFALO R, .3 MI N OF US-10 ON E EDGE OF HAWLEY
S003-150	DEER HORN CK AT CSAH-52, 6.5 MI SE OF BARNESVILLE
S003-151	DEER HORN CK AT CR-211, 8 MI SW OF BARNESVILLE
S003-152	BUFFALO R AT CSAH-31, 1.4 MI S OF US-10, 1.7 MI S OF HAWLEY
S003-155	BUFFALO R ON TOWNSHIP ROAD, 5 MI NE HAWLEY
S003-156	BUFFALO R ON CSAH-23, 5 MI SW OF HAWLEY
S003-161	SPRING CK AT CSAH-40, 8 MI SW OF MAHNOMEN
S003-162	WHITE EARTH R AT CR-25, 2.3 MI SE OF MAHNOMEN
S003-163	WILD RICE R ON MN-200, 1.2 MI NE OF MAHNOMEN
S003-164	WILD RICE R SB AT CR-193, 7.75 MI SW OF ADA
S003-168	CD #19 (AKA FELTON CK) ON CSAH-33, 4 MI SW OF ULEN
S003-169	UNN TRIB TO BEAVER CK N OF CSAH 2. 1 MI NW OF BEAVER FALLS
S003-170	UNN DTCH OFF CHETOMBA CK W OF 75TH ST. 2 MI NE OF PRINSBURG
S003-272	NORTH LATERAL ONE OF JD #12 AT CR-41, 9.8 MI SE OF TINTAH
S003-273	LATERAL THREE OF JD #2 AT CR-42, 9.1 MI ESE OF TINTAH

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Station ID	Station Name
S003-274	JD #2 ON MN-55, 2 MI E OF NASHUA
S003-275	JD #12 AT 2ND STREET BRIDGE ON EAST EDGE OF TINTAH
S003-276	UNNAMED CREEK AT 260TH AVE NW, 2 MI NE OF EUCLID
S003-277	BRANCH C OF CD #66 AT 270TH AVE SW, .5 MI NE OF EUCLID
S003-279	CD # 13-LATERAL, 1/2 MI W OF CR-176, 13.1 MI SSW BARNSEVILLE
S003-280	CD #13 ON MN-9, 12.4 MI SSW OF BARNSEVILLE
S003-283	COUNTY DITCH NO. 8 AT CSAH-2, 4.4 MI SE OF GRACEVILLE
S003-307	WILD RICE R S BR AT UNNAMED ROAD, 4.1 MI NW OF ULEN
S003-308	WILD RICE R S BR AT UNN GRAVEL RD, 1.25 MI ENE OF ULEN
S003-309	WILD RICE R S BR AT CSAH-27, 8.4 MI WNW OF ULEN
S003-311	STONY CK AT CSAH-25, 3.5 MI NE OF BARNSEVILLE
S003-312	STONY CK AT UNN GRAVEL RD, 6.25 MI NW OF BARNSEVILLE
S003-313	HAY CREEK AT UNN GRAVEL RD, 8 MI NNW OF BARNSEVILLE
S003-314	HAY CK AT UNNAMED GRAVEL ROAD, 10.3 MI NNE OF BARNSEVILLE
S003-315	SPRING CK AT UNN GRAVEL RD CROSSING, 6 MI NO. BARNSEVILLE
S003-316	HAY CK AT UNN GRAVEL RD CROSSING, 7 MI NW OF BARNSEVILLE
S003-317	UNN OUTLT FROM BEE LK AT CAMERON LAKE RD SE 1.6 MI W ERSKINE
S003-318	JD #73, AT 75TH STREET SE, 4.4 MI W OF ERSKINE
S003-321	OUTLET TO GRAND LK AT HUBBERT LN, 1.8 MI S OF ROCKVILLE, MN
S003-348	UNN TRIB (SF OF N CK) AT FLAGSTAFF AVE, S OF APPLE VALLEY
S003-355	SCHMIDT CK AT US-61. 3 MI NE OF DULUTH, MN
S003-356	UNN TRIB TO LITTLE TOAD LK, 13 MI E OF DETROIT LAKES, MN
S003-357	UNN TRIB TO CROSS LK, 1.7 MI NE OF PINE CITY, MN
S003-358	UNN STR TO CROSS LK AT CR-125. 4.7 MI NE OF PINE CITY, MN
S003-359	UNN TRIB TO CROSS LK, 3.2 MI NE OF PINE CITY, MN
S003-360	UNN TRIB TO UPPER S LONG LK, 8.6 MI SE OF BRAINERD, MN
S003-361	MISSISSIPPI R S OF CARLSON ISLAND AT RED WING, MN
S003-362	WATAB R, 0.2 MI UPSTREAM OF MISSISSIPPI AT SARTELL, MN
S003-363	CO DT 13 AT 2 1/2 STREET IN SARTELL, MN
S003-364	WATAB R AT 19TH AVENUE IN SARTELL, MN
S003-365	NEENAH CK AT CR-136. 4.6 MI S OF ST CLOUD, MN
S003-366	TRIB 0.5 MI UPST OF JOHNSON CK AT CR-136 7 MI E OF ROCKVILLE
S003-367	JOHNSON CK AT CR-7. 7.5 MI SE OF ROCKVILLE, MN
S003-368	UNN TRIB TO LK MARIE, 1.5 MI SW OF FAIRHAVEN, MN
S003-369	PLUM CK AT CR-75. 1.5 MI NW OF CLEARWATER, MN
S003-370	JOHNSON CK BTWN CR-75 AND I-94. 5 MI S OF ST CLOUD, MN
S003-371	RUSH R AT 312 STREET. 2.7 MI SW OF HENDERSON, MN
S003-372	MUD CK AT CSAH-33, 10.2 MI NE OF DEGRAFF, MN

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Station ID	Station Name
S003-373	SPRING CK AT UNN ST 10 MI NE OF DEGRAFF, MN
S003-374	SAND R N OF CR-153. 3.5 MI E OF BRUNO, MN
S003-375	RUSH R, MID BR AT 571ST AVENUE, 2.5 MI SW OF WINTHROP, MN
S003-376	TENMILE CK AT 220TH ST, 9.5 MI NE OF DAWSON, MN
S003-377	JD 1 AT MN-109, 0.5 MI S OF DELAVAN, MN
S003-378	BLUE EARTH R AT W 14TH ST, 0.2 MI SW OF BLUE EARTH, MN
S003-400	WILLOW CK AT CSAH 12 BRG, 1 MI SW OF PRESTON
S003-440	ELM CK UPST OF DAM W OF ANNAPOLIS LANE N IN MAPLE GROVE, MN
S003-441	ELM CK DNST OF DAM OFF ANNAPOLIS LANE N IN MAPLE GROVE, MN
S003-442	SHELL R AT CSAH-24, 7.5 MI NE OF MENAHGA, MN
S003-443	WATONWAN R 1200 YARDS DNST OF JD-7. 1.5 MI SE OF MADELIA
S003-444	WATONWAN R 400 YARDS DNST OF JD-7. 1.2 MI SE OF MADELIA, MN
S003-445	JD-13 E OF MN-254, 5.5 MI S OF FROST, MN
S003-446	COBB R AT CSAH-16, 4.4 MI NE OF GOOD THUNDER, MN
S003-447	LE SUEUR R AT CSAH-90, 3 MI SE OF MANKATO, MN
S003-448	LE SUEUR R AT CSAH 28 IN SAINT CLAIR, MN
S003-449	LE SUEUR R AT SCHALOW ST CULVERT IN SAINT CLAIR, MN
S003-450	SAND CK AT RICE ST IN JORDAN, MN
S003-451	SNAKE R 0.2 MI E OF FLETCHER RD, 3 MI SE OF MCGRATH, MN
S003-452	CD #13 AT UNNAMED STREET (EAST OF MN-11) 2.5 MI NE OF BADGER
S003-454	SNAKE CK AT US-61, 4 MI S OF KELLOGG, MN
S003-455	BLACK DOG LK OUTLET, 0.25 MI E OF I-35W IN BURNSVILLE, MN
S003-456	DEER CK N OF 225TH ST, 1.8 MI SW OF GRAND MEADOW, MN
S003-457	WATAB R AT 57TH AVENUE, 0.3 MI W OF SARTELL, MN
S003-458	UNN TRIB TO SW END OF SMITH LK, 5.5 MI SW OF OSAKIS, MN
S003-459	SALEM CK AT 260TH AVENUE, 4.8 MI S OF KASSON, MN
S003-462	HAY CK 0.15 MI UPST OF LOUDEN AVENUE, 5 MI NE OF N BRANCH
S003-463	CO DT-3 0.15 MI UPST OF LOUDEN AVENUE, 5 MI NE OF N BRANCH
S003-464	RUSH CK AT CSAH 30 IN RUSH CITY, MN
S003-465	UNN TRIB TO VIBO LK AT ORIOLE AVE, 4.3 MI N OF CENTER CITY
S003-466	SUNRISE R AT HEMMINGWAY AVENUE, 1.3 MI E OF STACY, MN
S003-467	UNN TRIB TO N BR SUNRISE R, 1.8 MI S OF N BRANCH, MN
S003-468	RUSH CK AT BLUEBERRY TRAIL, 2.7 MI E OF RUSH CITY, MN
S003-469	DRY CK AT REED AVENUE, N OF CSAH 16, 1.6 MI NE OF ALMELUND
S003-470	CO DT-3 AT KEYSTONE AVENUE, 4.2 MI NE OF N BR, MN
S003-471	DRY CK AT REED AVENUE, 1.5 MI E OF ALMELUND, MN
S003-472	SUNRISE R, N BR, AT TRULSON RD, 5 MI E OF N BR, MN
S003-473	SUNRISE R, S BR, AT US-61 IN WYOMING, MN

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Station ID	Station Name
S003-474	UNN TRIB TO SUNRISE R AT POOR FARM RD, 7 MI E OF N BR, MN
S003-475	GOOSE CK AT 450TH ST, 1.3 MI NW OF HARRIS, MN
S003-476	GOOSE CK OFF END OF GOLDEN AVENUE IN HARRIS, MINNESOTA.
S003-477	RUSH CK AT EVERGREEN AVENUE, 2 MI W OF RUSH CITY, MN
S003-478	UNN OUTLET FROM JONASON LK AT CSAH 10, 5 MI NE OF CAMBRIDGE
S003-479	GOOSE CK AT CEDARCREST TRAIL, 5.4 MI SW OF RUSH CITY, MN
S003-480	LAWRENCE CK AT TERN AVENUE, 2.6 MI SW OF TAYLORS FALLS, MN
S003-481	SUNRISE R, S BR, AT KETTLE R RD, IN WYOMING, MN
S003-482	SUNRISE R, W BR, AT SUNRISE DRIVE, 0.5 MI W OF STACY, MN
S003-483	ELM CK AT DOCK S OF CSAH-30 IN MAPLE GROVE, MN
S003-485	CD-42 (AKA CD-5) AT CR-8, 0.8 M S OF MCGREGOR, MINNESOTA
S003-486	CD-42 (AKA CD-5) AT MN-65, 1 M SE OF MCGREGOR, MINNESOTA
S003-496	DIAMOND LK OUTLET AT CR-137, 4.5 MI N OF ATWATER
S003-497	POPLAR R AT CSAH-8, 2.1 MI N OF MCINTOSH, MN
S003-498	HILL R AT CSAH-35, 4.3 MI NE OF MCINTOSH, MN
S003-499	SAND HILL R AT CSAH-1, 4.3 MI E OF WINGER, MN
S003-500	LOST R AT TOWNSHIP RD .1 MI N OF CSAH-33, 3.7 MI E OF OKLEE
S003-501	BLUEBERRY R AT 384TH ST, 3.1 MI NW OF MENAHGA, MN
S003-502	KETTLE R AT CR-156, 3.5 MI NW OF MENAHGA, MN
S003-503	SHELL R AT US-71, 3.5 MI N OF MENAHGA, MN
S003-504	KENNE CK E OF OKERSTROM RD, 2.5 MI NW OF DULUTH, MN
S003-505	MN R AT END OF LYNDAL AVE, IN BLOOMINGTON, MN
S003-506	TRIB TO LK IRENE, .1 MI W OF CR-64, 1.1 MI NW OF MILTONA, MN
S003-514	UNN TRIB TO KETTLE R N OF MN-123, 1.5 MI E OF SANDSTONE, MN
S003-515	CO DT 46A AT 411TH AVENUE, 5 MI E OF NICOLLET, MN
S003-516	CO DT 8 W OF 15TH ST SW, 2.4 MI NW OF BLOMKEST, MN
S003-519	MISSISSIPPI R AT BOAT LANDING 1 MILE NORTH OF JACOBSON, MN
S003-526	CO DT 40A 0.3 MI S OF CR-61, 6 MI SE OF LAFAYETTE, MN
S003-528	KNIFE R AT CR-77, 3 MI N OF MORA, MINNESOTA
S003-542	SAUK R AT UNN ST, 5 MI SW OF LITTLE SAUK, MINNESOTA
S003-543	UNN TRIB TO LITTLE BIRCH LK, 2.7 MI SW OF GREY EAGLE, MN
S003-544	ADLEY CK AT LITTLE BIRCH LK OUTLET, 5.2 MI SW OF GREY EAGLE
S003-545	UNN TRIB TO CEDAR ISLAND LK, 2.5 MI SE OF RICHMOND, MN
S003-546	SILVER CK OFF 143RD ST NW, 4.3 MI SW OF BECKER, MN
S003-552	CANNON R AT WATER ST S IN NORTHFIELD, MN
S003-553	CROW R, S FK, AT CSAH 8 IN LAKE LILLIAN, MN
S003-554	SPRING CK S OF WOODLEY ST E IN NORTHFIELD, MN
S003-555	SPRING CK W OF SPRING CK RD IN NORTHFIELD, MN

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Station ID	Station Name
S003-556	STRAIGHT R AT TONKA PARK ENTRANCE RD IN FARIBAULT, MN
S003-557	STRAIGHT R AT 227 ST E, 2.8 MI SE OF FARIBAULT, MN
S003-562	BEAVER CK OFF WHITEWATER TOWNSHIP RD 1, 7.5 MI NW OF ALTURA
S003-563	TRIB TO TWO R LK, 0.4 MI E OF 205TH AVE, 4 MI NE OF ALBANY
S003-564	TRIB TO TWO R LK, 0.5 MI E OF 205TH AVE, 4.3 MI NE OF ALBANY
S003-565	TRIB TO TWO R LK 3.8 MI SW OF HOLDINGFORD, MN
S003-566	TRIB TO TWO R LK, 3 MI SW OF HOLDINGFORD, MN
S003-567	TWO R LK OUTLET 2.5 MILES SW OF HOLDINGFORD, MN
S003-568	TRIB TO TWO R LK, 2.8 MILES SW OF HOLDINGFORD, MN
S003-569	SUNRISE R AT 260TH ST, 1.7 MI ESE OF WYOMING, MN
S003-570	HILL R AT 240TH AVE SE, 3.6 MI NE OF MCINTOSH
S003-571	RED LAKE R AT SPORTSMAN PARK NEAR PUB ACCESS IN RED LK FALLS
S003-609	CRANE CK (JD-1) AT CSAH-18, 2.6 MI NW OF MERIDEN, MINNESOTA
S003-615	UNN TRIB TO ZUMBRO R, S FK. 1 MI N OF ROCHESTER, MN
S003-616	UNN TRIB TO WAVERLY LK ON ELDER AVE, 0.8 MI NW OF WAVERLY
S003-617	TRIB TO WAVERLY LK, E OF CR-8. 0.8 MILES NW OF WAVERLY, MN
S003-618	UNN TRIB TO WAVERLY LK AT N SHORE DRIVE. .8 MI N OF WAVERLY
S003-619	UNN TRIB TO WAVERLY LK AT ELDER AVE, 0.8 MI N OF WAVERLY, MN
S003-620	UNN TRIB TO WAVERLY LK W OF LAKEVIEW DRIVE IN WAVERLY, MN
S003-621	UNN TRIB TO WAVERLY LK, N OF LAKE AVENUE IN WAVERLY, MN
S003-623	MONEY CK UPST OF B.DAM AT CSAH 17, 4.5 MI SW OF WITOKA, MN
S003-628	TURTLE CK NEAR MOUTH, E OF I-35, 4 MI S OF OWATONNA
S003-629	CROW R, S FK, AT CO RD33, 4.3 MI SE OF LESTER PRAIRIE, MN
S003-630	CROW R, N FK, N OF 305TH ST, 2.5 MI WSW OF KINGSTON, MN
S003-632	RASMUSSEN CK AT RASMUSSEN WOODS RD, 1.3 MI S OF MANKATO, MN
S003-643	SHINGLE CK DWNSTRM OF I-94/694 BRIDGE IN BROOKLYN CENTER
S003-691	MIDDLE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S003-692	SNAKE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S003-694	STONY CK AT CSAH-21, 7 MI NW OF BARNESVILLE
S003-740	MINNEHAHA CK AT UPTON AVE S, IN MINNEAPOLIS, MINNESOTA
S003-757	DUSCHEE CK AT 220TH ST 2.8 MI S OF LANESBORO, MN
S003-758	YELLOW MEDICINE R AT CSAH-10 7 MI NE OF MINNEOTA, MN
S003-759	MN R 0.6 MI E OF RIVER RD, 2.5 MI N OF REDWOOD FALLS, MN
S003-760	HAWK CK AT 822ND AVENUE 4.8 MI SE OF GRANITE FALLS, MN
S003-761	BEAVER CK, W FK (CD-17A) AT 270TH ST/CR-59 2 MI NW OF DANUBE

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Station ID	Station Name
S003-762	MISS R AT BIKE PATH, LK BEMIDJI OUTLET, 2 MI NE OF BEMIDJI
S003-763	TRIB TO WABASHA CK, .3 MI W OF CSAH-2, 4.2 MI N OF MORGAN
S003-764	TRIB TO SCHWINGHAMER LK, 1.6 MI E OF ALBANY, MN
S003-765	ST AUGUSTA CK AT FRANKLIN RD, 1.1 MI E OF ST AUGUSTA, MN
S003-766	JOHNSON CK (AKA ST AUGUSTA CK) AT CR-7, 1 MI S OF ST AUGUSTA
S003-767	WILLOW CK .1 MI E OF MN-15, .2 MI S OF KIMBALL, MN
S003-768	LK EMILY OUTLET AT 375TH AVE, 4.7 MI E OF HANCOCK, MN
S003-769	TISCHER CK AT HARTLEY RD, 1.5 MI N OF DULUTH, MN
S003-772	ZUMBRO R OFF CR-68 IN HAMMOND, MN
S003-773	MINNEHAHA CK 0.4 MI UPST OF MISS R IN MINNEAPOLIS, MN
S003-774	SAND CK AT CR-32, 4.7 MI E OF ASKOV, MN
S003-775	SNAKE R AT BOAT LAUNCH IN PINE CITY, MN
S003-776	RICE CK W OF CENTRAL AVE AND 69TH AVE IN FRIDLEY, MN
S003-777	ELK R AT CR-84 (115TH ST) 1.8 MILES W OF GILMAN, MN
S003-778	MN R 0.1 MI UPST OF CSAH-9, 1.5 MI N OF JORDAN, MN
S003-779	FISH HOOK R 0.4 MI W OF MN-87, 1 MI NW OF HUBBARD, MN
S003-780	MIDWAY R 0.13 MI DNST OF CSAH-13, 2 MI S OF ADOLPH, MN
S003-781	LE SUEUR CK, .1 MI E OF TWP RD 71, 3.8 MI W OF LE CENTER, MN
S003-782	ANN R AT CR-14, 3 MI SW OF MORA, MN
S003-783	UNN TRIB TO MISS R AT JEFFERSON ST IN BLAINE, MN
S003-784	GARVIN BK UPST OF US-61 IN MN CITY, MN
S003-785	NINEMILE CK AT PEDESTRIAN BR S OF W 90TH ST IN BLOOMINGTON
S003-786	KETTLE R .2 MI UPST OF CSAH-52, 1.5 MI SW OF STURGEON LK, MN
S003-787	BUFFALO CK DNST OF BUSINESS MN-371, 1.5 MI SW OF BRAINERD
S003-788	COTTONWOOD R AT COTTONWOOD ST IN NEW ULM, MN
S003-789	UNN TRIB TO PELL CK AT 210TH ST, 4.4 MI SE OF WALNUT GROVE
S003-790	DURFEE CK AT SUPERIOR HIKING TRAIL 5 MI NE OF GRAND MARAIS
S003-791	GILMORE CK AT VILA AVENUE IN WINONA, MN
S003-792	PLEASANT VALLEY CK AT CLINTON DR N, 2 MI S OF WINONA, MN
S003-793	PLEASANT VALLEY CK AT HOLLER HILL RD IN WINONA, MN
S003-794	CROOKED CK, N FK, OFF MN-249, 5 MI SE OF CALEDONIA, MN
S003-795	ROOT R, S FK, AT CR-4, 8 MI SW OF HOUSTON, MN
S003-796	CROOKED CK, S FK, NEAR MN-249, 5 MI SE OF CALEDONIA, MN
S003-797	ZUMBRO R, S FK, AT 7TH ST IN ROCHESTER, MN
S003-798	JD-9 AT ASPEN AVE, 6 MI NW OF WALNUT GROVE, MN
S003-799	TAMARACK R AT CR-126, 2.4 MI NW OF WRIGHT, MN
S003-800	E BURNS VALLEY CK OFF E BURNS VALLEY RD IN WINONA, MN
S003-801	UNN TRIB AT NORTHERN VALLEY DRIVE IN ROCHESTER, MN
S003-802	ZUMBRO R, S FK, AT 90TH ST BRG, 4 MI SE OF ORONOCO, MN

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Station ID	Station Name
S003-803	CANNON R AT MALTBY NATURE PRESERVE, 1.3 MI SW OF RANDOLPH
S003-804	UNN TRIB TO SHINGOBEE R, UPST OF CR-83, 1.6 MI E OF AKELEY
S003-805	SHINGOBEE R UPST OF CR-83, 1.6 MI E OF AKELEY, MN.
S003-806	E BURNS VALLEY CK AT CSAH 105 IN WINONA, MN
S003-807	CROW R AT 22ND CIRCLE, 1.5 MI S OF ST. MICHAEL, MN
S003-808	UNN TRIB TO LK LOUISA OFF ASHVIEW RD, 2 MI E OF KIMBALL, MN.
S003-809	PLATTE R AT CENTRE ST IN ROYALTON, MN
S003-810	LE SUEUR R W OF TWP HWY 169, 4 MI SE OF MANKATO, MN
S003-811	W INDIAN CK 0.2 MI E OF CSAH-4, 5 MI NE OF PLAINVIEW, MN
S003-812	UNN TRIB TO LK MARIE OFF 58TH AVE, 1.5 MI SW OF FAIRHAVEN
S003-813	GLENWOOD CK OFF MONKS AVE IN MANKATO, MN
S003-814	CLEARWATER R DNST OF MN-55, 2 MI SE OF KIMBALL, MN
S003-815	TRIB TO HIGH ISLAND CK AT LEAF AVE, 2.7 MI SW OF NEW AUBURN
S003-816	CANNON R DNST OF RR TRESTLE 1 MI NE OF FARIBAULT
S003-817	UNN TRIB TO LK JULIA AT 42ND ST, 6 MI NE OF CLEAR LAKE, MN
S003-818	CANNON R IN RIVERSIDE PARK IN CANNON FALLS, MN
S003-819	ZUMBRO R, N FK, AT RR TRESTLE 0.4 MI N OF ZUMBROTA, MN
S003-820	AMITY CK OFF TIOGA ST IN LESTER PARK IN DULUTH, MN
S003-821	CHESTER CK 0.1 MI E OF KENWOOD AVE IN CHESTER PARK IN DULUTH
S003-822	MISS R OFF 6TH AVE IN LITTLE FALLS, MN
S003-823	LE SUEUR CK AT TOWNSHIP HWY 44, 1.3 MI E OF LE SUEUR, MN
S003-824	SPRING VALLEY CK AT BROADWAY ST IN SPRING VALLEY, MN
S003-825	SALEM CK 800 FT DNST OF CSAH-15, 5 MI W OF SALEM CORNERS, MN
S003-826	MIDWAY R AT SAINT LOUIS R RD, 1 MI S OF ADOLPH, MN
S003-827	ROOT R, N BR, AT CR-19, 8.5 MI SE OF ROCHESTER, MN
S003-828	LAC QUI PARLE R AT US-212, 1 MI E OF DAWSON, MN
S003-829	RUSH R AT MN R CONFLUENCE, 1.6 MI N OF LE SUEUR, MN
S003-830	CO DT-45 AT CSAH-17. 4 MI S OF RENVILLE, MN
S003-831	SOUTH CK AT 10TH ST, 10 MI S OF FAIRMONT, MN
S003-832	WATONWAN R 0.2 MI S OF CSAH-3, IN MADELIA, MN
S003-833	SHELL R AT CR-13, 6 MI SE OF HUBBARD, MN
S003-834	CROW WING R AT OLD CSAH-18, 7 MI SE OF HUBBARD, MN
S003-835	CROW WING R AT CR-9 AT OYLEN, MN
S003-836	LAZARUS CK AT 180TH ST, 2 MI NW OF CANBY, MN
S003-837	FOREST PRAIRIE CK, 1.5 MI W OF CSAH-11, 6 MI NE OF LE SUEUR
S003-838	LITTLE KNIFE R 0.4 MI E OF HOMESTEAD RD, NW OF KNIFE R, MN
S003-839	LESTER R AT LESTER PARK BR, .25 MI UPST OF MOUTH IN DULUTH
S003-840	SHAGAWA R 0.1 MI E OF CSAH-88, 1.1 MI NE OF ELY, MN

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Station ID	Station Name
S003-841	EAGLE CK UPST OF W 125TH STREET IN SAVAGE, MN
S003-842	MILLIKEN CK 0.2 MI SE OF 550TH ST, 5.5 MI N OF MANTORVILLE
S003-843	ZUMBRO R, M FK, AT 237TH AVE, 6.6 MI N OF MANTORVILLE, MN
S003-844	ZUMBRO R, M FK, N BR, AT 227TH AVE, 6.7 MI NE OF CONCORD, MN
S003-845	HENSLIN CK 100 YARDS DNST OF CR-10, 2 MI SW OF DODGE CENTER
S003-846	TRIB TO SALEM CK, 0.1 MI DNST OF CR-8, 3.4 MI SE OF KASSON
S003-847	HENSLIN CK DNST OF 180TH AVENUE, 2.1 MI SW OF DODGE CENTER
S003-848	DODGE CENTER CR OFF 185TH AVE, .5 MI NW OF DODGE CENTER
S003-849	ZUMBRO R, M FK, N BR AT 518TH ST, 5.3 MI NE OF W CONCORD, MN
S003-850	ZUMBRO R, M FK, 0.1 MI W OF CSAH-24, 0.2 MI NW OF CONCORD
S003-851	KETTLE R (BLUEBERRY R) AT US-71 IN MENAHGA, MN
S003-852	KETTLE (BLUEBERRY) R AT INLET TO BLUEBERRY LK, N OF MENAHGA
S003-853	SHELL R AT INLET TO BLUEBERRY LK, 1.9 MI N OF MENAHGA
S003-854	SHELL R AT BLUEBERRY BR RD, 2.8 MI NE OF MENAHGA, MN
S003-855	JD-5 AT 120TH ST, 6.7 MILES W OF HANSKA, MN
S003-856	RUM R AT TWILIGHT RD, 0.2 MI S OF VINELAND, MN
S003-857	LITTLE ELK R, NW OF CSAH 13 AND 180TH ST, N OF LITTLE FALLS
S003-858	NINEMILE CK, S FK, AT ROWLAND RD IN EDEN PRAIRIE, MN
S003-859	LE SUEUR R AT CSAH-16, 5 MI S OF MANKATO, MN
S003-860	LE SUEUR R AT CSAH-8, 5.1 MI SSE OF MANKATO, MN
S003-861	HELWIG CK .13 MI E OF US-53, 21 MI NW OF DULUTH
S003-862	FOREST PRAIRIE (LE SUEUR) CK AT CR-117 IN LE SUEUR, MN
S003-863	CLOQUET R AT US-53, 21 MI NW OF DULUTH, MN
S003-864	UNN TRIB TO LK IRENE OFF IRENE LANE, 1.7 MI NW OF MILTONA
S003-865	SUGARLOAF CK .15 MI DNST OF US-61, 6 MI SW OF SCHROEDER, MN
S003-868	ELK R AT 75TH AVENUE SE, 2.8 MI N OF CLEAR LAKE, MN
S003-870	ASHLEY CK AT 470TH AVE, 4.0 MI NE OF WESTPORT, MN
S003-871	ASHLEY CK AT TR-130, 0.76 MI NW OF WESTPORT, MN
S003-874	HOBOKEN CK AT CR-184, 1.4 MI W OF SAUK CENTRE, MN
S003-875	HOBOKEN CK AT MN-28, 2.9 MI SW OF SAUK CENTRE, MN
S003-876	UNN TRIB TO HOBOKEN CK AT CR-183, 5.2 MI SW SAUK CENTRE, MN
S003-877	HOBOKEN CK AT CSAH-18, 5.1 MI SW OF SAUK CENTRE, MN
S003-880	UNN TRIB TO MILL CK AT 230TH ST, 1.0 MI S OF ROCKVILLE, MN
S003-882	MILL CK AT 230TH ST, 1.2 MI SSE OF ROCKVILLE, MN
S003-883	INLET TO LONG L AT BROWNS L RD, 3.5 MI SW OF RICHMOND, MN
S003-884	UNN TRIB TO SILVER CK AT CR-182, 2 MI SE OF WEST UNION, MN

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S003-885	UNN TRIB TO SILVER CK AT CR-189, 2.6 MI S OF WEST UNION, MN
S003-888	SAUK R AT UNN ST, 1.1 MI S OF LITTLE SAUK, MN
S003-890	SAUK R AT CSAH-11, 2.7 MI W OF LITTLE SAUK, MN
S003-891	SAUK R AT UNN ST, 2.6 MI NE OF WEST UNION, MN
S003-892	SAUK R AT CSAH-4, 3.3 MI E OF OSAKIS, MN
S003-896	KNIFE R AT 30TH AVE, 5.5. MI SO. OF ISLE
S003-897	MISS R 1.1 MI UPST OF CONFLUENCE, 1.3 MI NE OF HASTINGS, MN
S003-898	BUCKINGHAM CK AT OBSERVATION RD IN DULUTH, MN
S003-899	STOCKING CK AT STOCKING LK OUTLET, 2 MI NE OF MENAHGA, MN
S003-900	LE SUEUR R AT 128TH ST 3.6 MI N OF NEW RICHLAND, MN
S003-901	BASSETT CK AT WESTBROOK RD IN GOLDEN VALLEY, MN
S003-902	JD-18 (RUSH R) 100 YDS UPST OF CSAH-26, 3.8 MI NW OF GAYLORD
S003-903	FLUTE REED CK AT US-61 IN HOVLAND, MN
S003-904	BRULE R AT US-61, 4.5 MI SW OF HOVLAND, MN
S003-905	ZUMBRO R, S FK OFF W R RD, 1 MI N OF ROCHESTER, MN
S003-906	MN R 1.3 MI S OF US-14, 3 MI SE OF NEW ULM, MN
S003-925	LEAF R AT CR-23, 6.7 MI NW OF WADENA, MN
S003-926	LE SUEUR CK 0.3 MI W OF CR-115, 2.6 MI SE OF LE SUEUR, MN
S003-934	LILY CK N OF 140TH STREET, 3.7 MI NW OF FAIRMONT, MN
S003-938	OTTERTAIL R AT MN-34 BRG, 7 MI E OF DETROIT LAKES
S003-939	OTTERTAIL R AT US-10 BRG, 1 MI SO OF FRAZEE
S003-941	SAINT FRANCIS R 0.4 MI N OF 65TH ST, 1.4 MI E OF FOLEY, MN
S003-965	UNN (KNOWLES) CK AT 80TH ST W, 7 MI W OF NORTHFIELD, MN
S003-966	CROW R, N FK OFF HAINES AVENUE IN PAYNESVILLE, MN
S003-967	HEATH CK AT ABERDEEN TRAIL, 6 MI W OF NORTHFIELD, MN
S003-968	CLOQUET R AT CSAH 7, 4.5 MI SW OF INDEPENDENCE, MN
S003-994	COON CR AT CROSSTOWN BLVD (ANDOVER HS) IN ANDOVER
S003-995	UNN CR (PLEASURE CK) CORNER 86TH AVE/MISS BLVD COON RAPIDS
S004-027	UNN TRIB TO HOWARD LK AT IMHOFF AVE 1.1 MI NE OF HOWARD LK
S004-028	UNN TRIB TO HOWARD LK AT CR-6. 0.2 MI N OF HOWARD LK, MN
S004-029	UNN TRIB TO HOWARD LK AT 10TH AVENUE IN HOWARD LAKE, MN
S004-030	PLEASANT LAKE OUTLET AT CR-6, 3.4 MI NE OF ROCKVILLE, MN
S004-031	UNN TRIB TO HOWARD LK AT IMHOFF AVE, 1 MI NE OF HOWARD LK
S004-035	UNN TRIB TO STOCKING LK AT CSAH 17, 1.8 MI ENE OF MENAHGA
S004-036	UNN TRIB TO STOCKING LK, N OF CSAH 17, 0.8 MI E OF MENAHGA
S004-037	PARTRIDGE R AT 231ST AVE (CR-114) 3 MI NE OF ALDRICH, MN

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Station ID	Station Name
S004-038	REDEYE RIVER AT MN-227, 4 MI E OF SEBEKA, MN
S004-061	LITTLE ROCK CR AT CSAH 12, 1 MI NE OF RICE, MN
S004-062	LITTLE ROCK CR AT CR 40, 3.5 MI NE OF RICE, MN.
S004-065	FARNHAM CK AT CR-30, 9 MI N OF STAPLES, MN
S004-080	ELM CR AT CSAH-27, 4.5 MI W OF TRIMONT
S004-090	CD 26 AT 545TH AVENUE, 3 MILES SOUTH OF GROVE CITY, MN.
S004-101	MAPLE R AT CSAH-18, 2 MILES NORTH OF STERLING CENTER
S004-105	BUFFALO R MAINSTEM AT CSAH-14, 2.5 MI NE OF CALLAWAY
S004-106	MIDDLE R ON CSAH-28, .5 MI E OF NEWFOLDEN
S004-131	CD #2 AT CR-62, 7 MI NE OF EAST GRAND FORKS
S004-132	UNNAMED CK ON US-75, 2 MI NW OF EUCLID
S004-133	UNNAMED CK ON CSAH-21, 2.5 MI NE OF EUCLID
S004-134	JD #63 AT CR-125, 6 MI SW OF WANNASKA
S004-142	SNAKE R AT MN-1 CROSSING IN ALVARADO
S004-145	BUFFALO R MAINSTEM AT CSAH-9, 4.5 MI NE OF LAKE PARK
S004-146	BUFFALO R MAINSTEM AT CSAH-12, 3 MI NW OF LAKE PARK
S004-147	BUFFALO R S BR AT CR-63, 1 MI SE OF SABIN
S004-148	BUFFALO R S BR AT CR-79, 1.5 MI SW OF GLYNDON
S004-152	SNAKE R AT CSAH-14, 5 MI NW OF VIKING
S004-153	JD #30 AT CSAH-27, 1 MI W OF SLEEPY EYE
S004-159	UNN TRIB TO STRAIGHT R AT EATON & 260TH, 2.5 MI NE MEDFORD
S004-160	MN R AT BOAT LANDING, UPSTR MEMORIES PARK SO SHORE, MANKATO
S004-161	CHANNEL BETWEEN LK OF ISLES AND LK CALHOUN IN MPLS
S004-162	MUD CK AT CSAH-28, 8 MI NW OF SUNBURG
S004-164	MILL CK (PEARK L OUTLET) AT CR-146, 7 MI SE OF COLD SPRING
S004-172	WILD RICE R S BR AT 250TH ST NO., 2.2 MI NW OF ULEN
S004-173	WILD RICE R S BR AT 290TH AVE ON CTY LN, 4.5 MI ENE OF ULEN
S004-174	FELTON CK (CD-19) AT CSAH-27, 9.8 MI SW OF ULEN
S004-175	UNN TRIB AT 180TH AVE NO., 3.8 MI NW OF ULEN
S004-176	RABBIT R AT CR-152, 3.1 MI SE OF CAMPBELL
S004-177	CD-9 AT UNN RD, 3 MI NE OF CAMPBELL
S004-178	CD-43 ALONG NO. SIDE OF CSAH-30, 1.5 MI W OF LAWNSDALE
S004-179	CD-43 ALONG NO. SIDE OF CSAH-30, 3 MI W OF LAWNSDALE
S004-182	CD-46 AT 240TH ST SW CROSSING, 3 MI SE OF CLIMAX
S004-183	CD-6 AT 240TH STREET SW CROSSING, 2 MI E OF N EDGE OF CLIMAX
S004-185	CD-73 AT 240TH ST SW CROSSING, 4.8 MI SE OF CLIMAX
S004-186	SAND HILL R AT 240TH ST SW CROSSING, 7.5 MI SE OF CLIMAX
S004-187	KITTLESON CK AT 330TH AVE SW CROSSING, 5.6 MI W OF FERTILE
S004-188	SAND HILL R AT 340TH AVE SW, 5.6 MI ESE OF BELTRAMI
S004-189	TWELVE MILE CK E FK ON CR-62/CSAH-8, 8.2 MI SE OF DUMONT

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Station ID	Station Name
S004-191	HAY CK AT CSAH-37, 6.1 MI ENE OF HAWLEY
S004-195	TWELVE MILE CK W BR ON CR-72, 6.8 MI ESE OF WHEATON
S004-197	TWELVE MILE CK AT MN-27, 5.8 MI E OF WHEATON
S004-198	SAND HILL R AT 150TH ST SE CROSSING, 2 MI ESE OF WINGER
S004-199	SAND HILL R AT CSAH-7 CROSSING, 7.6 MI SW OF WINGER
S004-200	WILD RICE R AT CSAH-20, 4.6 MI SW OF ADA
S004-201	WILD RICE R AT CSAH-24, 4.4 MI E OF ADA
S004-202	CLEARWATER R AT 336TH ST IN HEADWTR AREA 6.5 MI SW OF BAGLEY
S004-203	CLEARWATER R NEAR HEADWTR AREA AT T-277 5 1/4 MI W OF BAGLEY
S004-204	CLEARWATER R AT SCHILLING RD, DNST STORM S OUTLET IN BAGLEY
S004-205	UN CK (NESSET CK) TO LOST R, NESSET CK DR, 6 3/4 SW CLEARBRK
S004-206	LOST R ON CSAH-20 NEAR HEADWATERS, 6 MI SW OF CLEARBROOK
S004-207	UNN CK AT N RAILROAD STREET IN CLEARBROOK
S004-208	HILL R AT CROSS LAKE INLET, 280TH AVE SE, 6 MI NE OF FOSSTON
S004-209	HILL R AT CROSS LAKE OUTLET AT 265TH AVE SE, 7 MI NE FOSSTON
S004-215	MIDDLE R AT CSAH-34 BRG XING, 6 MI E OF ARGYLE
S004-220	ELM CK AT CARTWAY RD BRG IN CHAMPLIN
S004-221	ELM CK AT WALKING BRG, N OF HAYDEN LAKE RD W IN CHAMPLIN
S004-222	ELM CK AT ELM CK BRG, 1 MILE SW OF DAYTON
S004-223	SWAN R AT CR-219, .25 MI N OF SWANVILLE
S004-224	HAY CK AT 305TH ST, T112/R15W/S13, 4 MI SW OF RED WING
S004-234	CHIPPEWA R, 200 YDS S OF MN-28, .1 MI E OF CYRUS
S004-235	FLUTE REED R AT CAMP 20 RD, 2.5 MI NW OF HOVLAND
S004-236	L MINNIE BELLE OUTLET TO SUCKER CK, 4 MI S OF LITCHFIELD
S004-237	SPRING VALLEY CK AT CSAH-1 IN SPRING VALLEY
S004-238	SPRUNK CK AT QUEENS RD, 2.5 MI NE OF AVON
S004-239	CEDAR CK, .5 MI W OF CSAH-9, 5.5 MI SW OF EAST BETHEL
S004-240	BIG TROUT CK (PICKWICK CK) E OF CSAH-7, 1.3 MI S OF PICKWICK
S004-243	BIG TROUT CK (PICKWICK CK) 130 FT DWNSTRM OF CSAH-7 BRG
S004-244	BIG TROUT CK(PICKWICK CK) UPSTM OF US-61 2 MI NE OF PICKWICK
S004-245	CEDAR VALLEY CK, UPSTM OF SOUTH-BOUND US-61 LANE
S004-246	UNN STM TO PLEASANT VALLEY CK AT CSAH-17, 2.5 MI S OF WINONA
S004-247	BIG TROUT CK (PICKWICK CK), 0.16 MI SW OF PICKWICK MILL
S004-248	BIG TROUT CK (PICKWICK CK) AT CSAH-7 BRG AT PICKWICK MILL
S004-259	BATTLE BK @ OTLT OF LITTLE ELK LAKE, 6 3/4 MI S PRINCETON

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S004-260	ST FRANCIS R, .65 MI SE OF RICE LK OTLT 7 3/4 MI S PRINCETON
S004-261	ST. FRANCIS R AT CSAH-4, 3.9 MI E OF ORROCK
S004-262	SPENCER BK AT CSAH-5, 6 1/4 MI SE OF PRINCETON
S004-263	RUM R, 1/3 MI NO. OF CSAH-5, 5 MI SE OF PRINCETON
S004-264	RUM R AT CSAH-7, 7 3/4 MI SE OF PRINCETON
S004-274	SHINGLE CK JUST NO. OF 75TH AVE IN BROOKLYN PARK
S004-275	MONEY CK OFF CSAH-19, 3 1/2 MI SW OF WITOKA
S004-277	FLUTE REED R AT CAMP 20 RD, 4 3/4 MI NW OF HOVLAND
S004-278	FLUTE REED R, NEAR SUP HIKE TRAIL, 4.5 MI NW HOVLAND
S004-279	MAYHEW CK AT 35TH AVE NE BRG, 4 MI E OF SAUK RAPIDS
S004-280	LAQ QUI PARLE R, W BR, NEAR 6TH ST IN DAWSON, MN
S004-281	MORGAN CK AT MN-68, .5 MI NW OF CAMBRIA, MN
S004-282	CNTY DTCH NO 23A AT 45TH AVE SW, 4 MI SE OF WILLMAR, MN
S004-283	FLUTE REED R AT CR-88 IN HOVLAND, MN
S004-284	EMILY CK, 4 MI SW OF MILAN, MN
S004-285	THREEMILE CK AT 230TH AVE, 3 MI NE OF GHENT, MN
S004-287	COREY CK JUST OFF CSAH-17, 6.5 MI NE OF RUSHFORD
S004-288	ROSEAU R AT CSAH-4 BRG (BY HAYES LK SP), 16 MI SE OF ROSEAU
S004-294	SO FK ROSEAU R ON CR-128, 1 1/3 MI NE OF WANNASKA
S004-299	REDWOOD R AT CSAH-10, 1/2 MI SE OF VESTA
S004-300	COBB R (AKA BIG COBB R) AT CSAH-3 BRG 5 MI NE MINNESOTA LAKE
S004-301	LITTLE ELK R AT 125TH AVE BRG, 2 MI NW OF LITTLE FALLS
S004-302	SERPENT CK NEAR 4TH ST SW/4TH AVE SW IN CROSBY
S004-303	ROOT R AT MAIN ST BRG (WHALAN BRG) IN WHALAN
S004-304	MAPLE R AT CSAH-10 BRG, .5 MI E OF GOOD THUNDER
S004-305	RICE CK NEAR CR-H/69TH AVE & SILVER LK RD, JUST E OF FRIDLEY
S004-306	TROTT BK AT VEROLITE ST NW IN RAMSEY
S004-307	VERMILLION R @ HAMBURG AVE, 4 MI SW OF FARMINGTON
S004-308	MISSISSIPPI R, 25 FT SW FROM RIVER SHORE, 1 MI NW MONTICELLO
S004-309	UNN STR (AKA BEAR CK) AT CSAH-23, 4.75 MI W OF EYOTA
S004-310	SO FK CROW R (JD#1) BRG BY CTY PARK #2, 8 MI NW LAKE LILLIAN
S004-311	SCHOOLCRAFT R AT CSAH-9 BRG, 6 MI S OF BEMIDJI
S004-312	VERMILLION R BTWN GENERAL SIEBEN DR & PLEASANT DR, HASTINGS
S004-313	UNN TRIB (SOUTH CK), AT FLAGSTAFF AVE 2.5 MI SE OF LAKEVILLE
S004-314	PORTER CK AT CSAH-56 (100 YD E OF CSAH-23) 9 MI S PRIOR LAKE
S004-315	JACK CK AT US-59 BRG, 9.5 MI N OF WORTHINGTON
S004-316	HAY CK, 250 YDS NO. OF CSAH-32, 25 MI E OF SANDSTONE
S004-317	SNAKE R, BTWN RIVER DR & W WILDLIFE DR, 12 MI NE OF MORA

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Station ID	Station Name
S004-318	LAMBERT CK AT POND VIEW LN, WHITE BEAR LAKE
S004-319	CAREY CK AT 16TH ST BRG, 1 MI SW OF STEWARTVILLE
S004-320	MISSISSIPPI R OFF PINE PT RD, 4 MI N OF SARTELL
S004-321	ARTICHOKE R AT CSAH-8, W OF CULVER
S004-322	UNN STR (BEAR CK) 25 FEET NO OF US-14, 1 3/4 MI E OF CHESTER
S004-323	BEAR CK, CHESTER WOODS BELOW DAM, 5 MI W OF EYOTA
S004-324	BEAR CK, CHESTER WOODS ABOVE LAKE, 3 1/2 MI W OF EYOTA
S004-325	ROUND CK AT CSAH-21, 9 MI SO. OF BRAINERD
S004-326	DAGGETT BK AT NOKASIPPI RIVER ROAD SE, 9 MI SE OF BRAINERD
S004-327	GRAVE LAKE OUTLET (UPPER HAY CK) AT CSAH-8, 10 MI E BRAINERD
S004-328	NOKASIPPI R ON CSAH-23, 8 MI SE OF BRAINERD
S004-329	NOKASIPPI R @ CSAH-9, 9 MI SE OF BRAINERD
S004-330	LITTLE NOKASIPPI R AT TOWN LINE ROAD, 10 MI NE OF RANDALL
S004-331	NOKASIPPI R AT CSAH-21 BRG, 7 MI NE OF FORT RIPLEY
S004-332	NOKASIPPI R AT MN-371, 3/4 MI N OF FORT RIPLEY
S004-333	NOKASIPPI R NEAR TWIN LAKES OUTLET, 4 MI NE OF FORT RIPLEY
S004-334	LITTLE NOKASIPPI R AT 123RD ST, 1 1/2 MI NE OF FORT RIPLEY
S004-338	UNNAMED STR, HOLLEQUE LK OUTLET, 6 MI SW OF BRANDON, MN
S004-339	UNNAMED STR, QUAM LK OUTLET, 6.3 MI SW OF BRANDON, MN
S004-340	RUM R AT CSAH-26, 4.5 MI NW OF ONAMIA, MN
S004-341	LITTLE ROCK CR AT NATURE RD, 4.5 MI E OF ROYALTON, MN
S004-342	BUFFALO R AT 90TH AVE N, 8 MI NE OF MOORHEAD, MN
S004-343	MAPLE R AT CONF. WITH LE SUEUR R, 5.5 MI S OF MANKATO, MN
S004-344	ZUMBRO R, MID FK, 3 MI SE OF ORONOCO, MN
S004-345	BOILING SPRING CK AT TWNSHP RD 9, 4.5 MI N OF BELVIEW, MN
S004-346	UNNAMED STR AT CR-124, 6 MI NW OF STAPLES, MN
S004-347	ZUMBRO R, MID FK, N BR AT DOUGLAS TR BRG IN PINE ISLAND, MN
S004-348	EIGHTMILE CR AT CSAH-5, 8 MI NW OF NEW ULM, MN
S004-349	LITTLE NOKASIPPI R AT CR-122, 9.5 MI NW OF HARDING, MN
S004-350	ROOT R AT MN-16, .3 MI S OF RUSHFORD, MN
S004-351	TROUT RUN CK AT MN-30, 8 MI E OF CHATFIELD
S004-352	KNIFE R AT CSAH-3, 10.80 MI NW OF MORA
S004-353	UNN STR TO HOWARD LK AT CSAH-7, 1.1 MI NE OF HOWARD LK, MN
S004-354	UNN STR AT CSAH-15, 4 MI NE OF WENDELL, MN
S004-355	MUSTINKA R AT CSAH-26, 5.3 MI NE OF WENDELL, MN
S004-356	MUSTINKA R AT CR-42, 3.8 MI SE OF WENDELL, MN
S004-357	MUSTINKA R AT TWP HWY 89, 1.3 MI NE OF NORCROSS, MN
S004-360	MUSTINKA R AT CR-67 BRG (340TH AVE), 3.4 MI WNW OF

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	NORCROSS
S004-363	TISCHER CK, DS FRM HARTLEY PND "HARTLEY", DULUTH
S004-364	TISCHER CK AT WALLACE AVE "MT. ROYAL", DULUTH
S004-365	TISCHER CK, UPSTREAM OF LONDON RD "GLENSHEEN", DULUTH
S004-366	MAPLE CK NEAR MINERAL SPRINGS RD IN OWATONNA
S004-379	N BR GRINDSTONE R AT W GRINDSTONE RD, 7 MI SW OF SANDSTONE
S004-380	UNN STRM (INLET TO HAY CK) AT UNN RD 2 MI NE OF PEQUOT LAKES
S004-381	HAY CK AT CR-145, 2 MI NE OF PEQUOT LAKES
S004-386	REDWOOD R, PUBLIC BOAT DOCK, NEAR REDWOOD FALLS
S004-387	RAMSEY CK AT CSAH-17, 1.5 MI WNW OF REDWOOD FALLS
S004-389	HEATH CK JUST E OF EDGEBROOK DR, W OF NORTHFIELD
S004-457	UNN STR (BROWN'S CK) AT MCKUSICK RD IN STILLWATER
S004-460	UNN STR (CARNELIAN CK) AT MAY AVE
S004-461	UNN STR (CARNELIAN CK) AT OZARK TRAIL
S004-467	SILVER CK AT MN-95, 1 MI N OF STILLWATER
S004-475	UNN STR (TRIB TO MCKUSICK LK) AT THE BROWN'S CK DIVERSION
S004-492	BIRCH COULEE CK, 1/4 MI W OF 360TH ST, 2.8 MI NE OF MORTON
S004-509	EIGHTMILE CR AT 366TH ST, 2.5 MI NW OF ST. GEORGE, MN
S004-510	POMME DE TERRE R AT CSAH-37, 4.5 MI SW OF DALTON, MN
S004-524	SAND CK 173RD ST W (B4 LOUISVILLE SWAMP), 2 1/2 MI N JORDAN
S004-550	LAC QUI PARLE R AT CR-63, 3 1/2 MI SW OF DAWSON
S004-558	COLLINWOOD CK AT 258TH ST, 3 MI NE OF DASSEL, MN
S004-559	WASHINGTON CR ON US-12, 2.5 MI WNW OF DASSEL, MN
S004-576	POMME DE TERRE R AT US-12 BRIDGE, 3 MI NE OF HOLLOWAY
S004-587	CREDIT R AT HIDDEN VALLEY PK IN SAVAGE, MN
S004-588	PORTER CK, 5 MI SE OF JORDAN, MN
S004-589	PORTER CK AT CR-64/NEWPORT AVE, 7 MI NE OF NEW PRAGUE, MN
S004-590	PORTER CK AT ZACHARY AVE, 3.5 MI SW OF NEW MARKET, MN
S004-591	CREDIT R AT FLAG TR, 4.5 MI SE OF PRIOR LK, MN
S004-602	REDWOOD R 1 MI NW OF REDWOOD FALLS, MN
S004-603	REDWOOD R NEAR OLD MILL IN REDWOOD FALLS, MN
S004-604	RAMSEY CK AT CSAH-31 IN REDWOOD FALLS, MN
S004-605	REDWOOD R AT CSAH-31 IN REDWOOD FALLS, MN
S004-606	RAMSEY CK ABV RAMSEY FALLS IN REDWOOD FALLS, MN
S004-607	COTTONWOOD R AT CR-76, 1.75 MI E OF LAMBERTON, MN
S004-608	HIGHWATER CR, 1.7 MI SE OF LAMBERTON, MN
S004-609	LITTLE COTTONWOOD R AT APPLE RD, 1.6 MI S OF COURTLAND, MN
S004-615	UNN STR AT CSAH 25, 5.5 MI SSE OF GARRISON, MN

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S004-616	LITTLE COTTONWOOD R AT CSAH 13, 5.5 MI SSW OF NEW ULM, MN
S004-642	UNN STR TO MFK CROW R ON 120TH AVE NE, 7 MI N OF ATWATER, MN
S004-643	MF CROW R AT CSAH 10, 7.4 MI N OF ATWATER, MN
S004-645	UNN STR INLET TO LONG LK, 4.45 MI SSE OF GROVE CITY, MN
S004-647	UNN STR INLET ON CR137, 3.5 MI NW OF ATWATER, MN
S004-648	SAND HILL R AT 110TH ST SW (CR-213), 3 MI SE OF BELTRAMI
S004-650	NOKASIPPI R ON CSAH 25, 7.9 MI SE OF BRAINERD, MN
S004-651	NOKASIPPI R AT CSAH 24, 8.5 MI SE OF BRAINERD, MN
S004-658	RUSH CK AT TOWNSHIP ROAD 163, 3.25 MI S OF LEWISTON
S004-659	UNN STR (COOLRIDGE CK) AT CSAH-2, 8 MI S OF LEWISTON
S004-660	MILLER VALLEY CK, UPSTRM SO BOUND LANE US-61, 5 MI NW DAKOTA
S004-661	MINNEHAHA CK, BEHIND MTKA CITY HALL/CIVIC CTR IN MINNETONKA
S004-662	ZUMBRO R, N FK, DWNSTRM OF TRIB IN ZUMBROTA
S004-663	W BR RUM RIVER, 1/3 MI E OF 160TH AVE, 2 MI NW OF FORESTON
S004-664	UNN STRM TO SPELTZ CK, 1.5 MI NW OF ROLLINGSTONE
S004-665	PELICAN R, .5 MI S OF CSAH 23, 3 MI E OF ORR
S004-666	CROOKED CK AT FREEBURG RIDGE RD, 1 MI SW OF FREEBURG
S004-667	MILLER CK E OF LINCOLN PK DR, NR LINCOLN SCHOOL IN DULUTH
S004-701	ZUMBRO R, S FK AT CR-126, 9.2 MI SW OF ROCHESTER, MN
S004-702	UNN STR INLET TO GRINDSTONE LK, 7 MI W OF SANDSTONE, MN
S004-703	SNAKE R AT CSAH 19, 5.6 MI NE OF MORA, MN
S004-704	BATTLE BR AT CSAH 9, 4 MI NW OF ZIMMERMAN, MN
S004-707	ZUMBRO R, MF S BR AT CR-105, 3 MI N OF BYRON
S004-708	WHITEWATER R, NF AT CARLEY STATE PK, 2.75 MI S OF PLAINVIEW
S004-709	WATSON CK AT ROOT R TR BRDG, 3 MI NE OF PRESTON
S004-710	WILLOW CK AT 40TH ST SW BRG IN ROCHESTER
S004-711	STRAIGHT R AT NORTH ST BRG IN OWATONNA
S004-712	MISSISSIPPI R, 2.5 MI UPSTRM FROM CONF W/ ELK R 3 MI W ELK R
S004-713	UNNAMED STR (AKA SAND CK) AT 118TH AVE NE IN BLAINE
S004-714	CHESTER CK, E BR AT TOLEDO ST W IN DULUTH, MN
S004-715	MORRISON BK AT US-169, .5 MI SW OF HILL CITY, MN
S004-716	UNN DT (CD-4) 6 MI NE OF DAWSON, MN
S004-717	KANARANZI CK AT MN/IA BORDER, 5.25 MI NW OF ELLSWORTH, MN
S004-718	VERMILLION R AT HOGAN AVE, 5.2 MI SW OF HASTINGS, MN
S004-719	BROWNS CK AT MN-95 CULVERT, N OF STILLWATER
S004-720	AMITY CK OFF JEAN DULUTH RD IN DULUTH
S004-721	UNN STRM (CULLEN BRK) AT L CULLEN RD, 1 MI N OF NISSWA

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Station ID	Station Name
S004-722	UNN STR (MAYO OR RICE CK), 2 MI NW OF NISSWA
S004-723	THIEF R (DTCH 83) AT CSAH-2, 6.5 MI N OF THIEF RIVER FALLS
S004-724	UNN STR (KAPOSIA CK) E OF US-52 IN SOUTH ST. PAUL
S004-725	BEAR (LOST) CK, E OF CR-101, 4.5 MI SW OF CHATFIELD
S004-726	BROWNS CK, E OF LANSING AVE N, 4.5 MI NW OF STILLWATER
S004-727	STONEY BK AT DIANA DR, 3.5 MI W OF NISSWA
S004-728	HOME BK AT CR-107, 6 MI SW OF NISSWA
S004-729	ZUMBRO R MF S BR AT CSAH-14 IN GENOA
S004-730	UNN STR (VALENTINE LK OUTLET) IN ARDEN HILLS
S004-731	LESTER R 1/2 MI SO OF STRAND RD IN DULUTH
S004-732	SHAKOPEE CR AT CSAH 1, 6 MI NNW OF PENNOCK, MN
S004-733	SILVER CK AT SILVER CK RD NE, 3 MI NE OF ROCHESTER, MN
S004-734	UNN STR AT DODD BLVD, 4 MI NNE OF LAKEVILLE, MN
S004-735	OTTERTAIL R INLET TO L PINE LK, 2.25 MI N OF PERHAM, MN
S004-736	TODD R INLET TO B PINE LK, 4.5 MI NE OF PERHAM, MN
S004-737	DRY RUN CK AT 150TH AVE, 4.3 MI SW OF ZUMBROTA, MN
S004-738	SHAKOPEE CR AT 120TH ST NW, 3.35 MI NW OF PENNOCK, MN
S004-739	MUSTINKA R, 1/8 MI S OF CSAH-12, 5.5 MI SW OF ELBOW LAKE
S004-740	MUSTINKA R AT CSAH-12, 5.5 MI SW OF ELBOW LAKE
S004-741	MUSTINKA R AT CR-44, 4.5 MI SW OF ELBOW LAKE
S004-742	MUSTINKA R AT CSAH-1, 4 MI SW OF ELBOW LAKE
S004-743	SOUTH CK AT 330RD AVE, 4.5 MI SW OF WINNEBAGO
S004-744	UNN STR (CD-23A) AT US-12 IN WILLMAR
S004-745	CD-23A AT US-71 IN WILLMAR
S004-746	UNN STR (PEACH CK) AT US-71, CSAH-23 BYPASS IN WILLMAR
S004-747	UNN STR (CD-23A) AT WILLMAR AVE SE IN WILLMAR
S004-748	UNN DTCH AT 60TH ST SE, 3 MI SE OF WILLMAR
S004-749	CROW R SF (L KANDIYOH I LK OTLT) AT CSAH-8 7 MI SE OF WILLMAR
S004-750	ST DTCH NO. 1 AT CSAH-8, 1.5 MI NW OF LK LILLIAN
S004-751	UNN STR (JD-1) AT CSAH-4, 1 MI NE OF LK LILLIAN
S004-752	CROW R, SF AT MN-7, 1.5 MI SE OF LK LILLIAN
S004-753	CROW R, SF AT CSAH-2, 4 MI SW OF COSMOS
S004-754	ZUMBRO R SF, JUST NO OF 710TH ST, 3 MI NE OF HAYFIELD
S004-755	ELK R @ CONFLUENCE MISSISSIPPI R 1/2 MI W US-10 IN ELK RIVER
S004-756	VERMILLION R JUST NO OF VERMILLION R TR 1.5 MI NE FARMINGTON
S004-757	CHELSEY BK AT 270TH AVE, 8 MI SE OF MCGRATH
S004-758	COWAN'S BK AT 180TH AVE, 6 MI SE OF MCGRATH
S004-759	FISHHOOK R AT 3RD ST E IN PARK RAPIDS
S004-760	HAY CK AT US-71, 8.5 MI N OF PARK RAPIDS
S004-761	UNN STR (PORTAGE R) AT INLET TO FISHHOOK LK AT CSAH-18
S004-762	JD-16 AT CSAH-1, 3 MI S OF PRINSBURG
S004-763	CHE TOMBA CK (JD-17) AT CR-619, 3.5 MI SW OF PRINSBURG

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Station ID	Station Name
S004-764	CHETOMBA CK (CD-7) AT CR-80, 2.7 MI NE OF PRINSBURG
S004-765	CD-8 AT CR-116, 3 MI NE OF PRINSBURG
S004-766	CD-31 AT CR-116, 3.4 MI NE OF PRINSBURG
S004-767	HAWK CK AT 60TH ST SW, .5 MI W OF PRIAM
S004-768	HAWK CK AT US-12 IN WILLMAR
S004-769	ZUMBRO R, S FK, 5.5 MI E NE OF HAYFIELD, MN
S004-770	UNN STR AT CSAH-3, 7.25 MI W OF PALISADE, MN
S004-771	HARKCOM CK, 5 MI NE OF MANTORVILLE, MN
S004-772	ZUMBRO R, S FK, 6 MI E NE OF HAYFIELD, MN
S004-773	UNN STR (LONG LK OUTLET) AT MN-87 IN HUBBARD
S004-774	FISHHOOK R AT MN-87, 2 MI NW OF HUBBARD
S004-775	EGG R AT EGG LK TRAIL CULVERT, 19.5 MI NE OF DETROIT LAKES
S004-776	OTTER TAIL R AT CSAH-35 BRG, 20 MI NE OF DETROIT LAKES
S004-777	EGG R TO OTTER TAIL R AT BRUCE BLVD, 15 MI NE DETROIT LAKES
S004-778	EGG R AT FLAT LAKE CONTROL SITE 2, 15.5 MI NE DETROIT LAKES
S004-779	OTTER TAIL R AT CHIPPEWA LK, 15.8 MI NE OF DETROIT LKS, MN
S004-780	OTTER TAIL R AT TRAIL, 14.5 MI NE OF DETROIT LKS, MN
S004-781	OTTER TAIL R AT CR-126, 14.4 MI NE OF DETROIT LKS, MN
S004-782	BUFFALO R AT DUFFNEY RD, 9.8 MI NE OF DETROIT LKS, MN
S004-783	UNN STR TO CROW R, S FK, 2.6 MI NE OF LK LILLIAN, MN
S004-784	CROW R, S FK, AT CSAH-4, 2.6 MI NE OF LK LILLIAN, MN
S004-785	UNN STR TO HAY CK AT CSAH-15, 3.5 MI NW OF PEQUOT LKS, MN
S004-786	HAY CK AT CSAH-15, 3.6 MI NW OF PEQUOT LKS, MN
S004-791	UNN STR TO HAY CK AT MN-371 "SOUTH FORK", 0.4 MI NW JENKINS
S004-792	HAY CK AT MN-371 "NORTH FORK", 1 MI NW OF JENKINS
S004-793	STRAIGHT R AT CR-123, 9 MI W OF PARK RAPIDS
S004-794	SHELL R ATCSAH-47, 10 MI WSW OF PARK RAPIDS
S004-795	SAND CK JUST S OF CSAH-8, 5 MI SE OF JORDAN
S004-796	CROW R AT NEW CSAH-116 BRG, 2 MI E OF ST. MICHAEL
S004-797	RUM R, 1/4 MI E OF CSAH-36, .5 MI S OF MILACA
S004-798	CASCADE CK NR US-14/US-52 CLOVERLEAF IN ROCHESTER
S004-800	SILVER CK AT CSAH-11, 5.2 MI ENE OF ROCHESTER, MN
S004-801	SPELTZ CK AT CSAH-25, 1.25 MI NW OF ROLLINGSTONE
S004-802	SPELTZ CK AT TWP RD 22, .5 MI NW OF ROLLINGSTONE
S004-803	LONG PRAIRIE R, 1/2 MI N OF CARLOS, T129/R37W/S12
S004-809	OREGON CK DWNSTRM OF 20TH AVE E & JEFFERSON ST, DULUTH
S004-810	ROBINSON CK, JUST NO. OF CSAH-6, 4 MI SW OF STEWARTVILLE
S004-818	CYR CK AT CR-110, 4 MI SW OF RED LAKE FALLS

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Station ID	Station Name
S004-831	BLACKDUCK R AT THE DEER TRAIL RD XING, 7 MI NW OF BLACKDUCK
S004-832	DARRIGAN'S CK AT CSAH-23 XING, 9 1/3 MI NW OF BLACKDUCK
S004-833	O'BRIENS CK AT THE HARVEST RD NE XING, 8 1/2 MI NW BLACKDUCK
S004-834	CORMORANT R AT CSAH-37 XING, 8 MI NO OF BLACKDUCK
S004-835	KRIPPLE CK AT 80TH ST SW XING, NEAR TOWN OF GENTILLY
S004-837	LOWER BADGER CK AT CR-114 XING, 3 MI SE OF RED LK FALLS
S004-853	FLUTE REED R NEAR CR-69, 1.5 MI WNW OF HOVLAND, MN
S004-864	WILD RICE R AT MN-9, 4 1/2 MI SW OF ADA
S004-875	JD #16 AT COUNTY STATE AID HIGHWAY 23, 6.5 MI SW OF KENNEDY
S004-876	UNN STR (TRIB TO RED RIVER) AT UNN RD, 1.5 MI SW OF MATTSON
S004-889	PINE R AT MOUTH TO PINE LAKE, 8.7 MI SW OF FINLAYSON, MN
S004-893	UNN STR AT CSAH-23, 6.9 MI W OF FINLAYSON, MN
S004-911	SAND CK AT CSAH-28 CROSSING, 3 1/2 MI NO. OF MONTGOMERY
S004-967	UNN STR (CD-9) AT CSAH-2, 7.5 MI N OF ATWATER, MN
S004-998	WHISKY CK AT MN-34 IN BARNESVILLE
S004-999	WHISKY CK 50 FT W OF MN-9 IN BARNESVILLE
S005-000	UNN STR AT MN-9, .5 MI W OF BARNESVILLE
S005-001	UNN STR AT 180TH ST S/3RD ST SW, 1 MI S OF BARNESVILLE
S005-002	CD #41 (WILKIN COUNTY) AT 230TH AVE, 6 MI SW OF BARNESVILLE
S005-011	MILLER CK AT CSAH-9 IN LAKE CITY
S005-060	SD #14 (LAWNDALE CK) ON 140TH ST (E MN-9) 5 MI NW LAWNDALE
S005-061	SD #14 (LAWNDALE CK) @ CSAH-30, .5 MI E MN-9 5 MI W LAWNDALE
S005-062	SD #14 (LAWNDALE CK), 25 YDS NO OF LCAPD, ABOVE ATHERTON WMA
S005-063	UNN STR (LAWNDALE CK) , 1 MI W CSAH-52, 1 MI SO OF LAWNDALE
S005-064	UNN STR (LAWNDALE CK), AT BEAVER DAM OUTLET, 1 MI S LAWNDALE
S005-071	SAUK R AT CR-57, 2.8 MI N OF WEST UNION, MN
S005-130	WILD RICE R ON TWP RD 62 (210TH ST), 4 MI E OF BEAULIEU
S005-131	WILD RICE R AT CR-103, 1.25 MI NW OF ZERKEL
S005-132	UNN STR TO HAY CK ON 140TH AVE, 1 MI SW OF LAKE PARK
S005-133	HAY CK ON CR-1 (130TH AVE), 2 MI NW OF LAKE PARK
S005-134	BUFFALO R ON CR-27, 9 MI SE OF CALLAWAY
S005-135	UNN DTCH (TRIB TO BUFFALO R) AT 170TH AVE 5 MI NNE LAKE PARK
S005-136	WOLVERTON CK ON CR-151 (140TH AVE), 2.5 MI NE OF WOLVERTON
S005-137	TOAD R ON CR-122, 9 MI NE OF FRAZEE
S005-138	UNN INLET TO DEAD LK (TOAD R) ON CSAH-33, 6.5 MI E OF

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Station ID	Station Name
	FRAZEE
S005-139	TOAD R ON CSAH-8, 4.5 MI NE OF PERHAM
S005-140	PELICAN R ON CSAH-88, 3 MI S OF ELIZABETH
S005-141	OTTER TAIL R ON CSAH-45, 3 MI W OF OTTER TAIL LAKE
S005-142	OTTER TAIL R ON CSAH-10, 5.6 MI E OF ELIZABETH
S005-143	EIGHTEEN MILE CK ON CSAH-7, 1.5 MI SW OF WHEATON
S005-144	UNN STR (DORAN SLOUGH) AT 190TH AVE 2.6 MI S OF BRECKENRIDGE
S005-145	UNN STR (DORAN SLOUGH) ON US-75, 1 MI SW OF DORA
S005-146	MUSTINKA R AT 300TH ST, 1 MI NE OF WENDELL
S005-265	UNN STR (SAND CK) AT 117TH AVE NW IN BLAINE
S005-266	PARTRIDGE CK AT CSAH-32, 3 MI E OF ASKOV
S005-267	PARTRIDGE CK AT UNN RD (PARTRIDGE CK RD), 3 MI SE OF ASKOV
S005-268	CHIPPEWA R AT LK JENNIE RD, 5 MI S OF EVANSVILLE
S005-283	LOST R CULVERT XING ON 109TH AVE (CSAH-12) 7.4 MI SW GONVICK
S005-305	MAPLE R AT MN-30, 7 MI S OF GOOD THUNDER, MN
S005-320	POPLAR R AT CSAH-35, 4.5 MI NE OF ERKSINE
S005-321	UNN STR TO CEDAR CK, JUST S OF CR-55, 3.5 MI E OF ISANTI
S005-323	CEDAR CK AT 210TH ST, 3.5 MI NW OF TRIMONT
S005-388	RICE R, GENE LARSON RD, 3.5 MI SO OF BIGFORK
S005-389	BLUE EARTH R UNDERNEATH MN-60 (US-169) BRG AT MANKATO
S005-390	EAST INDIAN CK 100 YDS SW OF US-61 AND CR-84 6 MI SE KELLOGG
S005-391	RICEFORD CK AT CSAH-28 BRG, SOUTH OF MABEL
S005-392	BEAR CK AT NATURE RD, 6 MI NE OF SPRING VALLEY
S005-393	KETTLE R AT CSAH-46, 3 MI WNW OF STURGEON LK
S005-394	LITTLE KNIFE R AT SHILHON RD, 12 MI NE OF DULUTH
S005-396	BUFFALO CK, 750 FT UPSTM OF CSAH-2, JUST S OF GLENCOE
S005-397	LITTLE ROCK CK AT 15TH AVE NW, 2 MI NE OF RICE
S005-398	COON CK AT BRG UPSTM OF CONFLUENCE WITH THE MISSISSIPPI R
S005-399	LITTLE ROCK CK, E OF 230TH AVE & S OF 73RD ST
S005-400	AMITH CK AT VERMILLION RD IN DULUTH
S005-401	WING R AT TODD LINE RD, 3 MI SW OF VERNDALE
S005-402	RICE R AT CSAH-4, 8 MI S OF MCGREGOR
S005-418	UNN STR AT CSAH-11, 3.5 MI NW OF FARIBAULT, MN
S005-419	UNN STR TO CANNON R AT CSAH-11, 2.3 MI WNW OF FARIBAULT, MN
S005-420	MORRISON BR AT CR-241, 6 MI NW OF HILL CITY, MN
S005-421	CASCADE CK AT CSAH-3 BRG, 2.9 MI SE OF BYRON, MN
S005-422	SALEM CK AT CSAH-3 BRG, 4 MI SE OF BYRON, MN
S005-423	BLUE EARTH R, MID BR, AT 40TH ST BRG, 2.7 MI N OF ELMORE, MN
S005-424	KOLLING CK (BECKER LK) NEAR MN-23, 1.7 MI WSW OF

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Station ID	Station Name
	RICHMOND, MN
S005-425	DAGGETT BK, .5 MI W OF CSAH-3, 5 MI N OF CROSS LAKE
S005-426	YELLOW BANK R, SF AT CR-56, 5 MI NE OF NASSAU
S005-427	UNN DTCH (JD5) AT 80TH AVE SE AND 70TH ST SE INTERSECTION
S005-428	GILBERT CK JUST S OF CSAH-5 IN LAKE CITY
S005-429	ROOT R, 1 MI W OF CSAH-11, 5.5 MI SE OF CHATFIELD
S005-430	FRITSCHER CK AT CSAH-21, 2.4 MI N OF NEW ULM, MN
S005-431	OTTER TAIL R, W OF OTTER TAIL RD, 5.5 MI NE OF FERGUS FALLS
S005-432	LITTLE ROCK CK AT CSAH-21, 8.5 MI NW OF SLEEPY EYE, MN
S005-433	SHAKOPEE CK AT KANDI SWIFT RD, 3.8 MI SE OF KERKHOVEN, MN
S005-434	UNN STR AT CR-65 AND US-12, 4.25 MI SE OF KERKHOVEN, MN
S005-435	PINE R JUST DWNSTM OF MN-18, 5.5 MI NW OF FINLAYSON
S005-436	LITTLE IOWA R AT 787TH AVE., 1.5 MI NW OF LEROY
S005-437	BEAR CK AT CSAH-19, 5.8 MI W OF EYOTA
S005-443	BEAR CK AT BEAR LANE (TWP RD 752), 4 MI E OF SANDSTONE
S005-456	BIG SWAMP CK AT BUNNY HILL RD, 6 MI NE OF NIMROD
S005-457	CEDAR BROOK AT CSAH-10, 3 MI E OF DEERWOOD
S005-458	UNN STR (CASEY BROOK) AT CR-111, 3 MI E OF DEERWOOD
S005-459	BRULE R AT BEND RIGHT AFTER SUP NAT'L FOREST, 8.5 MI NW HOVLAND
S005-460	BLUE EARTH R AT HAWTHORN RD, 1 MI S OF MANKATO
S005-461	MINNESOTA R AT CSAH-69 BOAT RAMP IN SHAKOPEE
S005-462	BANGS BK AT CR-173, 24 MI E OF HINCKLEY
S005-463	PLUM CK AT CSAH-20, 1 MI W OF WALNUT GROVE
S005-464	COTTONWOOD R AT CSAH-5, 7 MI N OF WALNUT GROVE
S005-465	CASCADE CK AT 10TH ST SW, 1.5 MI S OF BYRON
S005-466	RICE CK AT CSAH-1 (555TH AVE), 7 MI SW OF MAPLETON
S005-467	MISSISSIPPI R ON STEPS IN FRONT OF PAVILLION AT HARRIET ISLE
S005-468	TALMADGE R, 100 YDS BELOW MN-61, 6 MI NE OF DULUTH
S005-469	AMITY CK, EB, 50 FT DWNSTR OF JEAN DULUTH RD IN DULUTH
S005-470	STONY BK, JUST S OF MN-95, 6 MI SW OF FOLEY
S005-471	MIDWAY R AT MORRIS THOMAS RD, 2.5 MI NW OF PROCTOR
S005-472	UNN STR (U HAY LK INLET), S OF CR-145, 3 MI N OF PEQUOT LKS
S005-473	LITTLE KNIFE R, 250 FT DWNSTR OF HOMESTEAD RD
S005-474	UNN STR (CD NO. 28) TO AMBER LK, 3 MI S OF FAIRMONT
S005-475	PELICAN R AT CR-116, 4.5 MI NW OF FERGUS FALLS
S005-476	DARK R AT SHERWOOD ANDERSON RD, 7.5 MI N OF BUHL
S005-477	ST. LOUIS R AT NORWAY RIDGE RD, 2.5 MI NW OF ZIM
S005-478	UNN STR (U HAY LK OTLT), E OF CSAH-16, 2 MI SE OF JENKINS
S005-479	UNN STR TO PURGATORY CK AT FOOT BRG 130 YD W STODOLA RD MTKA
S005-480	KNOWLES CK, .7 MI W OF I-35, MN-19 TURNS NW, 6 MI E

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MNPCA1 Minnesota Pollution Control Agency

Station ID
LONSDALE

Station Name
LONSDALE

Project CSMP+ Citizen Stream-Monitoring Plus Program

Start Date 08/01/2005 **Planned Duration** on-going

Purpose This project may submit the same data to the MPCA through CSMP.

Assigned Stations

Station ID	Station Name
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S001-741	BEAVER CR AT HWY 74, 4.6 MI N OF ELBA, MN
S001-742	WHITEWATER R AT CSAH 30, 4.5 MI N OF ELBA, MN
S001-743	S FK WHITEWATER R AT CSAH 26, 1 MI E OF ELBA, MN
S001-744	N FK WHITEWATER R AT CSAH 26, .4 MI NE OF ELBA, MN
S001-745	N FK WHITEWATER R AT HWY 74 AT ELBA, MN
S001-769	WHITEWATER R, MID FK AT STATE PARK RD 5 MI N OF ST. CHARLES
S001-824	S FK WHITEWTR R, 500 FT N OF US-14, 1/2 MI W OF ST. CHARLES
S001-825	MIDDLE FK WHITEWATER R, AT BRG AT MN-74, AT ELBA
S001-826	S FK WHTWTR R, ST. CHARLS TNSHP RD 17, 1/2 MI N ST. CHARLES
S001-832	MID FK WHTWTR R, 1/2 MI N OF CR-152, 5 MI N OF ST. CHARLES
S001-833	N BR WHITEWATER R, 1/3 MI S OF CSAH-4, 5 MI SE OF PLAINVIEW
S001-879	N FK WHITEWATER R W OF CSAH 4, 2.75 MI S OF PLAINVIEW, MN
S002-074	MID FK WHITEWATER R AT CSAH-10 BRG, 3.5 MI N OF DOVER
S003-562	BEAVER CK OFF WHITEWATER TOWNSHIP RD 1, 7.5 MI NW OF ALTURA

Project CSMP+WW Whitewater River Citizen Monitoring Program Plus

Start Date 08/01/2005 **Planned Duration** 3 years

Document/Graphic Citizen Stream Monitoring-PLUS Plan draft-Final Draft3 [Document/Graphic](#)

Purpose Determine turbidity and TSS values in trout streams of the Whitewater River watershed and how these values relate to transparency measurements taken in the Citizen Stream Monitoring Program.

This project is related to: CITIZEN SEDIMENT MONITORING COORDINATOR TO SUPPORT TMDLs, and Whitewater Watershed Project Continuation.

This project may submit the same data to the MPCA through CSMP.

Project Design Grab samples taken with bucket either while wading or from a bridge.

Field measurements are: transparency with transparency-tube, temperature with thermometer, and stage with tape measure.

Turbidity and TSS samples are analyzed by Winona State University Water Resources Center.

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Obtain Plan

Assigned Stations

Station ID	Station Name
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S001-741	BEAVER CR AT HWY 74, 4.6 MI N OF ELBA, MN
S001-742	WHITEWATER R AT CSAH 30, 4.5 MI N OF ELBA, MN
S001-743	S FK WHITEWATER R AT CSAH 26, 1 MI E OF ELBA, MN
S001-744	N FK WHITEWATER R AT CSAH 26, .4 MI NE OF ELBA, MN
S001-745	N FK WHITEWATER R AT HWY 74 AT ELBA, MN
S001-769	WHITEWATER R, MID FK AT STATE PARK RD 5 MI N OF ST. CHARLES
S001-824	S FK WHITEWTR R, 500 FT N OF US-14, 1/2 MI W OF ST. CHARLES
S001-825	MIDDLE FK WHITEWATER R, AT BRG AT MN-74, AT ELBA
S001-826	S FK WHTWTR R, ST. CHARLS TNSHP RD 17, 1/2 MI N ST. CHARLES
S001-832	MID FK WHTWTR R, 1/2 MI N OF CR-152, 5 MI N OF ST. CHARLES
S001-833	N BR WHITEWATER R, 1/3 MI S OF CSAH-4, 5 MI SE OF PLAINVIEW
S001-879	N FK WHITEWATER R W OF CSAH 4, 2.75 MI S OF PLAINVIEW, MN
S002-074	MID FK WHITEWATER R AT CSAH-10 BRG, 3.5 MI N OF DOVER
S003-562	BEAVER CK OFF WHITEWATER TOWNSHIP RD 1, 7.5 MI NW OF ALTURA

Project CULLENLK Cullen Lakes Association

Start Date 01/01/1991 **Planned Duration** Current

Purpose Condition monitoring.

Study Area Cullen Lakes

Project Design Laboratory: A&W Research Lab

Field Procedure Information:

Sample Collection Method and Gear - Integrated sampler.

Obtain Plan Ann Beaver
Cullen Lakes Association
26834 Pine Acres Rd.
Nisswa, MN 55468
beaver@uslink.net

Assigned Stations

Station ID	Station Name
18-0376	UPPER CULLEN
18-0377	MIDDLE CULLEN
18-0403	LOWER CULLEN

Project CWDO-L Clearwater River Evaluation of Dissolved Oxygen Impairment

Project Summary

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Minnesota Pollution Control Agency

Start Date 05/01/2008 **Planned Duration** 1.25 years
Purpose Evaluation of conditions leading to dissolved oxygen impairment during summer months.

Study Area FIRST LK PUBLIC ACCESS 15-0139, Site 202
CLWR-WBagley S001-458
CLWR-US2 S001-906
CLWR-CR91 S001-907
CLWR-SOof25 S001-910
WALKER BK-19 S002-122
CLWR-211th S004-984
CLWR-WestCSAH-25 S004-985
CLWR-CSAH28 S004-986
SITE6C S004-987
SITE6E S004-988
FIRSTLKSWAMP S004-989
STRMWTR POND OTLT S004-990
SO FLOWING DRAIN DT S004-991
CLWR-SEC15 S004-992
PEAT SOIL WTR#1 S004-993
PEAT SOIL WTR#2 S004-994

Project Design Lab: ERA Laboratories, Inc., Duluth

Sample Collection Method(s) and Gear(s): Stream and lake samples; wading or collection pole; soil

Field Measurements - Methods and Instrumentation: temperature, pH, ORP, DO, specific conductivity with YSI Model 556 multiprobe; water levels in piezometers with Slope Indicator Co., water level indicator; stream discharge determination with Price-type mini current meter; stream stage with staff gage.

Turbidimeter Make and Model: Hach 2100N
Probe Make and Model: YSI Model 556 multiprobe

Obtain Plan Tim Kroeger
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714 Lake Ave., Suite 220
Detroit Lakes, MN 56501
(218) 846-0749
tim.james@pca.state.mn.us

Assigned Stations

Station ID	Station Name
15-0139	FIRST
S001-458	CLEARWATER RIVER 1 1/2 MI W OF BAGLEY, MN
S001-906	CLEARWATER RIVER AT BRIDGE ON US-2, 1 MI E OF BAGLEY
S001-907	CLEARWATER RIVER, CULVERT AT CR-91, 3.5 MI NE OF BAGLEY
S001-910	CLEARWATER R JUST S OF CSAH 25 AT BAGLEY
S002-122	WALKER BK AT CSAH19 IN BAGLEY MN

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Station ID	Station Name
S004-984	CLEARWATER R, E OF 211TH AVE CULVERT, 3.5 MI NE OF BAGLEY
S004-985	CLEARWATER R, W OF CSAH-25 CULVERT, 1.7 MI WSW OF BAGLEY
S004-986	CLEARWATER R, CULVERT AT CSAH-28, 3/4 MI SO OF BAGLEY
S004-987	FIRST LK SWAMP 120 YDS NO OF FIRST LK DR, 2.2 MI WSW BAGLEY
S004-988	FIRST LK SWAMP 190 YDS NO FIRST LK DRIVE, 2.2 MI WSW BAGLEY
S004-989	CLEARWATER R, E OF FIRST LK OUTLET, 2.2 MI WSW OF BAGLEY
S004-990	STORMWATER RETENTION POND OUTLET, MERSCHMAN DR SW, IN BAGLEY
S004-991	UNN DTCH DRAINING PEATLAND (SOUTHWARD FLOW) 3.4 MI NE BAGLEY
S004-992	CLEARWATER R, SEC. 15, COPLEY TWP, CA. 3.2 MI NE OF BAGLEY
S004-993	CLEARWATER R PEATLAND #1 SEC. 15 COPLEY TWP 3.2 MI NE BAGLEY
S004-994	CLEARWATER R PEATLAND #2 SEC. 15 COPLEY TWP 3.2 MI NE BAGLEY

Project CWDOFC-L Clearwater R Dissolved Oxygen and Fecal Coliform TMDL (CWLA)

Start Date 05/01/2007 **Planned Duration** 2 years

Purpose This project will assess the impairment, define sources of pollution and where the impairment is verified, define current loads of pollutants, estimate total daily maximum load of pollutants and propose strategies to achieve the desired load.

Some of the sites monitored for this project are also monitored by other monitoring programs. Data will be submitted separately. The other monitoring programs include Red Lake Watershed District (CWPREDLK), Multi-County River Monitoring (MULTI-CO) and the Red River Basin River Watch Project (REDRWATCH).

Contract #A96788 is funded with '07 and '08 CWLA funds. A96788 is sponsored by Red Lake Watershed District.

Study Area Statewide.

Project Design Sample Collection Method(s) and Gear(s): Grab samples by hand dipping or with a Van Dorn sampling device (dependent upon stream flow conditions).

Field Measurements - Methods and Instrumentation: pH, DO, temp, SpCond, and turbidity with a multiprobe. Turbidity with a portable turbidimeter. Transparency with a transparency tube.

Turbidimeter Make and Model: HACH 2100P.
Lab: RMB Environmental

Gage Type: Wire weight, tape down, survey rod down, staff gauge (site specific).
Probe Make and Model: Eureka Manta
Other: Continuous dissolved oxygen and temperature monitoring with Eureka Midges, continuous DO, temp, pH, SpCond, and water level measurement with In-Situ TROLL 9000 sondes, and continuous stage measurement with Onset HOBO water level loggers.

Sampling and field measurement methods are documented in the "Standard Operating

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Project Design Procedures for Water Quality Monitoring in the Red River Watershed."

Obtain Plan Corey Hanson, Water Quality Coordinator
Red Lake Watershed District
102 Main Avenue North, PO Box 803
Thief River Falls, MN
218-681-5800
coreyh@wiktel.com

MPCA Project Manager:
Jim Courneya
MPCA Detroit Lakes Regional Office
714 Lake Ave., Suite 220
Detroit Lakes, MN 56501
(218) 846-0735
jim.courneya@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-477	POPLAR R AT CSAH-6 1 MILE NE OF FOSSTON
S000-712	SILVER CK AT RD BTN S25/30 1 MI W OF CLEARBROOK
S000-713	SILVER CK AT CR-74 1 MI W OF CLEARBROOK
S001-131	LOST R AT CSAH-5 AT OKLEE
S001-462	CLEARWATER R, 7 3/4 MI NE OF GONVICK, MN
S002-079	THIEF R, 1 MI E CSAH-32, HILLYER BRG, 4 MI N THIEF R FALLS
S002-082	SILVER CK ON CR-111 BRG, 2 MI E CSAH-7, 2 MI NE OF GONVICK
S002-084	THIEF R ON CSAH-49 BRG, 10 MI NE OF MIDDLE RIVER
S002-091	POPLAR R, 2 3/4 MI E US-59, ON TWNSHP RD BRG 6 MI NE ERSKINE
S002-121	CLEARWATER R AT CR96 7 MI E OF ROLAND
S002-124	CLEARWATER R AT RD IN T151R42S45W 1 MI N PLUMMER
S002-730	CD57 TO CLEARWATER R AT CR126, 2 MI NE OF PLUMMER
S002-752	CLEARWATER R AT CSAH11 9MI NE OF CLEARBROOK
S002-914	CLEARWATER R AT CSAH12 1MI N TERREBONNE
S002-916	CLEARWATER R AT CR127, 8 MI E OF PLUMMER
S002-917	CLEARWATER R AT CSAH20 3 MI SW OF PLUMMER
S002-981	CLEARWATER R AT CSAH-5, 6 MI N OF OKLEE
S003-098	CLEARWATER R AT CSAH-1, 1 1/4 MI W OF US-59, 1 MI SW PLUMMER
S003-126	POPLAR R AT 240TH AVE SE, 2.5 MI NW OF MCINTOSH
S003-127	POPLAR R AT CSAH-30, 1.5 MI N OF FOSSTON
S003-174	CLEARWATER R AT ROLAND BRIDGE/CSAH-10, 0.1 MI W OF ROLAND,MN
S003-497	POPLAR R AT CSAH-8, 2.1 MI N OF MCINTOSH, MN
S004-044	UNNAMED CR AT MN-92 CROSSING, W SIDE OF CLEARBROOK
S004-055	THIEF RIVER, NORTH END THIEF RIVER RD, 9 MI E MIDDLE RIVER
S004-500	LOST R AT CSAH-7 CROSSING, 3 MI N OF GONVICK
S004-501	POPLAR R AT 200TH AVE SE (AKA 220TH AVE SE) 5 MI N ERSKINE
S004-502	POPLAR R AT CSAH-4 (OUTLET OF SPRING LK) NEAR LENGBY

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Project CWMISS-L Clearwater River betw Clearwater Lk and Miss R TMDL

Start Date 04/01/2007 **Planned Duration** 2 years

Purpose TMDL Study of Clearwater River between Clearwater Lake and Mississippi River. Problem Investigation (DO, Bacteria, Nutrients, Phosphorus, Suspended Solids)

Study Area Statewide

Project Design Sample Collection Method and Gear: Grab with bucket, grab with Van Dorn bottle.
Field Measurement - Temp, DO, Cond, pH with YSI. Gauged flow with digital velocity meter.

Obtain Plan Clearwater River and Lake Louisa TMDL Phase II Workplan
Rebecca Kluckhohn, CRWD, 2005.

Assigned Stations

Station ID	Station Name
S001-929	CLEARWATER R AT CSAH 46 BRG, 2.5 MI S OF CLEARWATER
S002-661	CLEARWATER R CHANNEL FROM CLEARWATER LK TO GRASS LK
S003-582	CLEARWATER R AT GRASS L OUTLT, 5 MI ENE FAIRHAVEN, MN
S004-504	CLEARWATER R AT CSAH-75 IN CLEARWATER, MN
S004-505	CLEARWATER R UPST OF CSAH-40, 3 MI S OF CLEARWATER, MN
S004-506	UNN STR TO CLEARWATER R, 2.75 MI SW OF CLEARWATER, MN
S004-507	CLEARWATER R AT 140TH ST NW, 4.75 MI SW OF CLEARWATER, MN
S004-508	CLEARWATER R AT CR-145, .8 MI SW OF CLEARWATER, MN

Project CWPCROWR Crow R CWP Diagnostic Study - N Fork Crow R TMDL Phase II

Start Date 02/09/2001 **Planned Duration** 02-09-2004

Purpose Conduct a basinwide diagnostic study of the Crow River Watershed. Objectives: identify water, nutrient and sediment loss rates along the Crow River Basin, determine the magnitudes of point and nonpoint sources of pollution by river segment and set numerical, measurable, achievable water quality goals, identify river water quality patterns.

2008: This project has been updated to include the North Fork Crow River TMDL Phase II, B12135.
Part of the CROWS STORET Program.

Study Area Crow River

2008: North Fork Crow River Basin: Meeker, Wright, Hennepin.

Project Design Laboratory: MDH

Field Procedure Information:
Sample Collection Method and Gear - Weighted Van Dorn Horizontal Sampler
Turbidimeter Make and Model - YSI 650 MDS Sonde

Obtain Plan Local Project Manager:
Diane Sander
Crow
311 Brighton Avenue Suite C
Buffalo, MN 55313

Assigned Stations

Station ID	Station Name
61-0023	GROVE

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Station ID	Station Name
73-0144	PIRZ
73-0196	RICE
73-0200-01	KORONIS (MUD)
73-0200-02	KORONIS (MAIN BASIN)
S000-016	RUM RIVER AT BRIDGE ON PLEASANT STREET IN ANOKA
S000-050	S FK CROW RIVER SH-55 AT ROCKFORD
S000-165	S FK CROW RIVER SH-7 1 MI. N OF MAYER
S000-353	S FK CROW R AT MN-15 IN HUTCHINSON
S000-395	S FK CROW R AT E/W ROAD IN S31 2 MI SE OF BISCAVY
S000-460	BUFFALO CK AT N/S RD IN S28 0.5 MI E OF BROWNTON
S000-582	BUFFALO CK AT CSAH-1 2 MI E OF GLENCOE
S000-847	GROVE CK AT CSAH-3 7.5 MI NE OF GROVE CITY
S001-253	CROW R AT BR AT CSAH 19 IN HANOVER, MN
S001-255	SF CROW R, BR AT BRIDGE AVE IN DELANO
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-443	SOUTH FORK CROW R .5 MI SE OF LESTER PRAIRIE, MN
S001-499	UN TRB TO N FK CR R AT ARMITAGE AV SE BRG 2 MI S OF MONTROSE
S001-502	JEWETT CK NEAR 300TH ST BRG, 4 MI N OF LITCHFIELD
S001-508	N FK CROW R NEAR CSAH-20 BRG, 6 MI SSE OF PAYNESVILLE
S001-510	N FK CROW R NEAR 263RD AVE BRG, 3 MI ESE OF PAYNESVILLE
S001-517	N FK CROW R AT CSAH-4 BRG, 1.5 MI W OF ALBRIGHT
S001-522	ELK R AT CSAH-16 BRG, 2.5 MI N OF CLEAR LAKE
S001-942	CO DT 4 AT 390TH ST CULVERT, 4.5 MI S OF PAYNESVILLE
S001-943	CO DT 5 ON W SIDE OF LAKE ST CULVERT IN PAYNESVILLE
S001-944	N FK CROW R AT CTY RD 20 BRG, 6 MI S OF PAYNESVILLE
S001-972	TWELVEMILE CR AT CSAH 7, 2 MI NW OF WAVERLY, MN
S002-014	S FK CROW R ON CR-59, 1 MI W OF OTTER LK, 3 MI W HUTCHINSON
S002-015	S FK CROW R ON MN-7, 1/2 MI E OF COSMOS
S002-016	JD #15, 2 MI W OF CSAH-20, 3 1/2 MI NE OF BUFFALO LAKE
S002-017	BUFFALO CK ON CSAH-24 (NO. OF CR-56) 4 MI NE OF BUFFALO LAKE
S002-018	MILL CK ON CSAH-12, 3 1/2 MI SW OF BUFFALO
S002-019	N FK CROW R ON CSAH-9, 2 1/2 MI N OF WAVERLY
S002-020	CO. DT 31 ON MN-25, JUST NO OF US-12, 4 MI NW OF DELANO
S002-021	UNN OUTLET FROM COKATO LAKE ON CSAH-4, 3.5 MI NE OF COKATO
S002-022	UNN OUTLET FROM BIG SWAN LK ON CSAH-21, 5.5 MI N OF DASSEL
S002-023	WASHINGTON CK ON MN-15, 3 1/4 MILES NW OF DASSEL
S002-024	N FK CROW R ON CSAH-19 AT KINGSTON
S002-025	N FK CROW R ON CSAH-2 AT FOREST CITY
S002-026	N FK CROW R AT CSAH-22, 3 1/2 MI E OF MANANNAH
S002-027	N FK CROW R ON CSAH-19, 5 MI E OF BELGRADE

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Station ID	Station Name
S002-028	MID FK CROW R ON CSAH-3, 1/2 MI S OF MANANNAH
S002-029	N FK CROW R, BRG ON GRVL RD, W MN-4, 5 1/2 MI S PAYNESVILLE
S002-030	UNN TRIB TO CROW R ON CSAH-19 AT ST. MICHAEL
S002-031	CNTY DT 36 ON CSAH-21, 2 1/2 MI SW OF KINGSTON
S002-354	CROW R, N FK, AT BRG ON CSAH 6, 3.2 MI W OF PAYNESVILLE, MN
S002-355	CROW R, N FK AT BRG ON MN-55/4, 4.5 MI SE OF PAYNESVILLE, MN
S002-357	CROW R, N FK AT BRG ON CSAH 34, 3.5 MI SE OF PAYNESVILLE, MN
S002-381	CROW R, N FK, AT CD 32 ON CSAH 27, 5.5 MI NE OF BROOTEN, MN
S002-382	CD32 ON 295TH ST, 4.8 MI NE OF BROOTEN, MN
S002-383	CROW R, N FK, AT CSAH 27, 4.5 MI NE OF BROOTEN, MN
S002-384	SEDAN BRK AN IRONSIDE RD, 3.5 MI NE OF BROOTEN, MN
S002-385	SKUNK R AT BRG ON I-71, 3 MI NE OF BELGRADE, MN
S002-386	CD7 AT 275TH ST, 4.8 MI N OF BELGRADE, MN
S002-387	CROW R, N FK, AT CSAH 30 BRG, E SIDE OF MANANNAH, MN
S002-388	CD7 AT CSAH 13, 4.4 MI N OF BELGRADE, MN
S002-389	JD1 AT CSAH 33, 3.5 MI NE OF SEDAN, MN
S002-390	JD1 AT 208TH ST, INLET TO GROVE LK, 3.5 MI NE OF SEDAN, MN
S002-391	JD1 NEAR DAM AT S GROVE LK ST, 4 MI NE OF SEDAN, MN
S002-392	JD 1 AT CSAH 22 NR LINCOLN CK OUTLT, 3.75 MI NE OF SEDAN, MN
S002-393	JD 1 NEAR CSAH 18 AT 47OTH AVE, 7 MI NE OF BROOTAN, MN
S003-935	CD-9 AT CSAH-21, 2.1 MI S OF KINGSTON, MN
S004-796	CROW R AT NEW CSAH-116 BRG, 2 MI E OF ST. MICHAEL

Project CWPFISCH Fish Lake/Schwanz Lake Phase II CWP

Start Date 01/01/1991 **Planned Duration** Nine years

Purpose Assess water quality condition for Fish and Schwanz Lakes

Study Area Fish and Schwanz Lakes in City of Eagan

Assigned Stations

Station ID	Station Name
19-0057	FISH
19-0063	UNNAMED (SCHWANZ)

Project CWPFRCH French Lake Clean Water Partnership

Start Date 01/01/1999 **Planned Duration** One year

Purpose To monitor French Lake in Rice County.

Continued from "LEGFRL."

Study Area Rice County

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Assigned Stations

Station ID	Station Name
66-0038	FRENCH

Project CWPGR0VE Grove Lake Restoration Project CWP Phase II

Start Date 01/01/1967 **Planned Duration** Six years

Purpose Effectiveness for BMP's implemented for the CWP Project.

Continued from "LEGGRO."

Part of the CROWS STORET Program.

Study Area Statewide

Assigned Stations

Station ID	Station Name
61-0023	GROVE
S002-389	JD1 AT CSAH 33, 3.5 MI NE OF SEDAN, MN
S002-390	JD1 AT 208TH ST, INLET TO GROVE LK, 3.5 MI NE OF SEDAN, MN
S002-391	JD1 NEAR DAM AT S GROVE LK ST, 4 MI NE OF SEDAN, MN
S002-392	JD 1 AT CSAH 22 NR LINCOLN CK OUTLT, 3.75 MI NE OF SEDAN, MN
S002-393	JD 1 NEAR CSAH 18 AT 47OTH AVE, 7 MI NE OF BROOTAN, MN
S002-720	HUERKAMP DRNG DT AT TWP HWY T-74 ALONG S SHORE OF GROVE LK
S002-723	INL TO GROVE L FROM MCCLOUD L AT CSAH 33
S002-724	JD1 AT CSAH33, 2 MI NO OF GROVE LAKE
S002-727	N FK CROW R, OUTLET OF GROVE L, AT CSAH39
S002-792	UNN DITCH AT TWSP RD ON N SIDE GROVE LAKE

Project CWPB0WK Hawk Creek Watershed Project

Start Date 06/22/1999 **Planned Duration** Long-term

Purpose Clean Water Partnership

Study Area Hawk Creek watershed

Project Design Sample Collection Method: Grab sample in thalweg of channel with a plastic bucket.
3-14-2007 Field measurements include: specific conductivity, cond., temperature and dissolved oxygen with a YSI meter, and transparency with a t-tube.
3-14-2007 Turbidimeter Make and Model: HACH sensor model 2100 AN (ERA has this equipment)
2005 the field measurements were pH with a pH meter, and specific conductivity, conductivity, temperature and dissolved oxygen with a YSI meter, and transparency with a t-tube.

Obtain Plan Darrell Schindler
Hawk Creek Watershed Project
500 E. DePue Avenue
Olivia, MN 56277
(320) 523-3672
hawkcreekdarrell@redred.com

Mark Hanson
Minnesota Pollution Control Agency

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Obtain Plan MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
507.537.6000
mark.hanson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-404	E FK BEAVER CK AT CSAH-4 6.5 MI S OF OLIVIA
S000-405	W FK BEAVER CK AT CSAH-4 6.5 MI S OF OLIVIA
S000-485	E FK BEAVER CK AT CR-53 1 MI SW OF OLIVIA
S000-666	BEAVER CK AT CSAH-2 2.5 MI NE OF NORTH REDWOOD
S001-341	SACRED HEART CK AT CSAH-15 BR, 5 MI NW OF DELHI, MN
S002-012	HAWK CK AT CR 52 BR, 6.5 MI SE OF GRANITE FALLS
S002-135	DITCH 69A, ON PRVT DR, 3/4 MI E US-212, 2.3 MI SE MONTEVIDEO
S002-136	PALMER CK AT 15TH AVE SE, 2 MI NW OF GRANITE FALLS
S002-137	HAWK CK, OTLT EAGLE LK, FRONTAGE R OFF US-71, 5 MI N WILLMAR
S002-138	HAWK CK, WILLMAR LK INLT, AT 26TH AVE NE IN WILLMAR
S002-139	HAWK CK, FOOT LK OTLT, AT GORTON AVE IN WILLMAR
S002-140	HAWK CK, AT CR-116, 1.25 MI S OF MN-40, 4.2 MI SW OF WILLMAR
S002-141	HAWK CK, TOWNSHIP ROAD 8, 1.1 MI NE OF RAYMOND
S002-142	HAWK CK, AT 160TH AVE SE, 1.5 MI W RAYMOND
S002-143	UNN OTLT FROM LONG LAKE, AT 15TH ST NW, 5 MI N OF WILLMAR
S002-144	UNN OTLT FROM ST JOHN'S LK, AT CR-116, 1.5 MI E OF PENNOCK
S002-145	LATERAL E OF JD # 7, AT 140TH AVE NE, 5.6 MI NW RAYMOND
S002-146	HAWK CK, AT CSAH-4 (AT CITY PARK), SOUTH SIDE OF MAYNARD
S002-147	HAWK CK, AT CSAH-17, .2 MI W OF MAYNARD
S002-148	HAWK CK, AT MN-23, 2.2 MI SW OF MAYNARD
S002-149	CHETOMBA CK, AT MN-7, .7 MI W OF PRINSBURG
S002-150	CHETOMBA CK, AT 120TH ST SW, 1 MI SW OF PRINSBURG
S002-151	JD #1, AT CSAH-17, 4.3 MI W OF MAYNARD
S002-152	CHETOMBA CK, AT UNNAMED TWP RD, 5 MI SE OF MAYNARD
S002-153	COUNTY DITCH 45, AT CR-53, 2 MI S OF RENVILLE
S002-154	WEST FORK BEAVER CK, AT CR-70, 2.6 MI NW OF DANUBE
S002-155	WEST FORK BEAVER CK, AT UNK GRAVEL RD, 3.1 MI SE OF DANUBE
S002-156	WEST FORK BEAVER CK, AT CR-62, 6.3 MI NE OF BECHYN
S002-157	E FK BEAVER CK, AT US-71, 4.9 MI NE OF BECHYN
S002-239	SACRED HEART CK AT UNN ROAD, 6.5 MI SW OF RENVILLE
S003-761	BEAVER CK, W FK (CD-17A) AT 270TH ST/CR-59 2 MI NW OF DANUBE
S003-866	CD-119 AT CSAH-15, 5.6 MI S OF SACRED HEART, MINNESOTA
S003-867	TIMMS CK AT CSAH-15, 2.8 MI NNE OF DELHI, MINNESOTA

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Station ID	Station Name
S004-668	CHETOMBA CK ON KANDIYOHI/RENVILLE CTY LINE, 7 MI NO RENVILLE
S004-669	BRAFEES CK OUTLET AT CSAH-15 SW, 5 MI NW OF GRANITE FALLS
S004-670	CHETOMBA CK ON 870TH AVE BRG CROSSING, 6 MI NW OF RENVILLE
S004-671	UNN STR (CHETOMBA CK) ON CSAH-3 BRG XING, 6 MI E OF RAYMOND
S004-672	CHETOMBA CK ON CR-9 BRG CROSSING, 5.5 MI N OF SACRED HEART
S004-673	CD #17A ON CR-59, 6 MI NE OF RENVILLE
S004-674	CD #59 AT CR-59 (AKA 270TH ST) CULVERT XING 4 MI NE RENVILLE
S004-675	BEAVER CK WF (CD31) ON CR-59 (AKA 270TH ST) 6 MI NE RENVILLE
S004-676	CD #36A ON CR-15 (AKA MN RIVER RD), 6 MI NW OF GRANITE FALLS
S004-677	CD #36A ON CSAH-16 CULVERT XING, 7 MI NW OF GRANITE FALLS
S004-678	CD #37 ON 260TH AVE CULVERT XING, 2 MI NE OF RENVILLE
S004-679	CD #37 ON CSAH-21 CULVERT XING, 1.5 MI N OF RENVILLE
S004-680	CD #45 ON CR-62 (AKA 770TH AVE), 6.25 MI S OF RENVILLE
S004-681	CD #45 ON US-212, 1/4 MI OUTSIDE CITY OF RENVILLE
S004-682	CD #104 ON 810TH AVE (AKA CR-52), 3 MI SW OF SACRED HEART
S004-683	CD #104 ON CR-81 CULVERT CROSSING, 7 MI SW OF SACRED HEART
S004-684	CD #104 ON US-212, 1/4 MI FROM SACRED HEART
S004-685	CD #119 ON 810TH AVE, 2 MI SE OF SACRED HEART
S004-686	CD #119 ON US-212, 1.5 MI FROM SACRED HEART
S004-687	BEAVER CK EF ON 340TH ST, 1 MI NO OF OLIVIA
S004-688	HAWK CK ON MN-7 BRG XING IN CLARA CITY
S004-689	HAWK CK ON CSAH-7 AT RAYMOND GOLF COURSE, CITY OF RAYMOND
S004-690	HAWK CK AT MN FALLS ELEVATOR ON GRVL RD 2 MI SW SACRED HEART
S004-691	MIDDLE CK ON CSAH-15, 3 MI NE OF DELHI
S004-692	PALMER CK ON CSAH-16 CULVERT XING, 9 MI N OF GRANITE FALLS
S004-693	SACRED HEART CK ON US-212, 2 MI W OF RENVILLE
S004-694	SMITH CK (CD-125A) ON CSAH-15, 4 1/2 MI N REDWOOD FALLS
S004-695	SPRING CK ON CR-60, TRIB TO CHETOMBA CK, 6 MI SE OF MAYNARD
S004-696	TIMMS CK (CD-35A) ON 760TH AVE CULVERT XING 9 MI SE RENVILLE
S004-697	BEAVER CK WF ON US-212, 3 MI E OF RENVILLE
S004-698	BEAVER CK WF ON CR-53 BRG XING, 2 MI SW OF DANUBE
S004-699	BEAVER CK WF ON CSAH-1, 3 MI S OF DANUBE
S004-700	CD-37 (TRIB TO BEAVER CK WF) AT CR-53, 2 1/4 MI SE OF DANUBE

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Project CWPHIGH High Island Creek Watershed Assessment Project

Start Date 05/02/2000 **Planned Duration** 2.5 years

Purpose Diagnostic study to assess nutrient and sediment loads from six samplesheds in High Island Watershed.

Fall 2007: Project Manager changed from Tim Larson to Scott MacLean.

Study Area High Island Watershed

Assigned Stations

Station ID	Station Name
S000-437	HIGH ISLAND CK AT RD IN S14 1 MI E OF ARLINGTON
S000-438	HIGH ISLAND CK AT CR-66 AT ARLINGTON
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON
S001-626	HIGH ISLAND CK AT CSAH-13 BRG, 4 MI W OF NEW AUBURN
S001-629	HIGH ISLAND CK AT CSAH-7 BRG, 4 MI SE OF STEWART
S001-807	BUFFALO CK, AT 270TH ST, 1.5 MI NW OF HENDERSON
S001-809	SIBLEY CO. DT NO. 2, AT 401 AVENUE, 1/2 MI N OF ARLINGTON
S001-891	HIGH ISLAND CK AT CSAH 9, 1 MI NW OF ARLINGTON
S002-277	HIGH ISLAND CK AT CSAH-8, 6 MI SW OF STEWART
S002-303	JD 5 JUST W OF MN-22 IN NEW AUBURN
S002-304	UNN DTCH TO HIGH ISLAND LK AT 202 ST, 3 MI SE OF NEW AUBURN
S002-305	JD 19 AT MN-22, .5 MI N OF NEW AUBURN
S002-306	BUFFALO CK ON CSAH 17, 3.5 MI SE OF ARLINGTON
S002-307	HIGH ISLAND LK OUTLET, JUST W OF MN-22, 2 MI S OF NEW AUBURN
S002-308	HIGH ISLAND LK INLET IN NEW AUBURN
S002-309	HIGH ISLAND LK INLET, 1.5 MI E OF NEW AUBURN

Project CWPJEFF Jefferson-German Clean Water Partnership

Start Date 01/01/1999 **Planned Duration** 9/30/2008

Purpose To monitor Jefferson-German Lakes in LeSueur County. Monitor water quality during implementaiton

Study Area LeSueur County

Project Design Sample Collection Method and Gear: Grab samples, pole

Field Measurements: Oakton 300 Series, Temp, DO, transparency tube

Obtain Plan Citation for Plan:

Bill Thompson
MPCA - Rochester Office
18 Wood Lake Drive SE
Rochester, MN 55904
507/281-7764
bill.thompson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
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Station ID	Station Name
40-0063	GERMAN
40-0092-01	JEFFERSON (E JEFF.)
40-0092-02	JEFFERSON (W JEFF.)
40-0092-03	JEFFERSON (SWEDE'S BAY)
40-0092-04	JEFFERSON (MIDDLE JEFF.)
S004-154	CD 9 (GERMAN LK OUTLET) AT CSAH-13, 5.5 MI NW OF ELYSIAN
S004-155	JD 15 (SWEDES BAY OTLT) ON THE SW SIDE OF BAY, OFF 480TH ST
S004-156	UNN STRM (SWEDES BAY OUTLT) N OF 480TH ST, T109N/R24W/S7
S004-157	UNN STRM (L JEFFERSON INLET) N OF CSAH-18, T109N/R25W/S35
S004-158	DRAIN TILE SITE AT LAKE JEFFERSON, T109N/R25W/S3

Project CWPLCOTT Little Cottonwood River CWP

Start Date 01/01/1997 **Planned Duration** May go to 2009

Purpose Assess water quality in Little Cottonwood River and pollutant loading to Minnesota River; diagnose key non-point pollutant sources.

Part of the Brown-Nicollet-Cottonwood WQ Board Program in STORET.

2007: Project Manager changed from Lee Ganske to Scott MacLean

Assigned Stations

Station ID	Station Name
S001-377	LITTLE COTTONWOOD RIVER 2 MI NW OF CAMBRIA, MN
S001-913	PLUM CREEK AT CSAH 10 BR, 4.75 MI NE OF WALNUT GROVE, MN
S001-919	SLEEPY EYE CR AT CSAH 8 BR, 2.2 MI N OF LEAVENWORTH, MN
S001-920	COTTONWOOD R AT CSAH 8 BR, 0.4 MI N OF LEAVENWORTH, MN
S002-247	COTTONWOOD R AT US-14 BRG, 1 MI NE OF LAMBERTON
S002-399	L COTTONWOOD R AT MN-71, 4 MI E OF JEFFERS, MN
S002-400	L COTTONWOOD R AT CSAH-22, 6 MI NW OF HANSKA, MN
S002-401	L COTTONWOOD R AT CSAH-10, 7 MI W OF COMFREY, MN
S002-402	L COTTONWOOD R AT MN-30, 3 MI E OF JEFFERS, MN

Project CWPLKHER Heron Lake CWP Watershed Restoration/Continuation Project

Start Date 03/01/1991 **Planned Duration** Long-term

Purpose Restore the biologic integrity of the Heron Lake system.
To gather information to assess long-term trends in the Heron Lake watershed.
To evaluate the effectiveness of BMPs.

Study Area Heron Lake watershed

Project Design Sample Collection Method(s) and Gear(s): Grab sample with bucket or telescoping rod with bottle attached to it. - 8-7-06; 6-1-07; 6-3-08

Field Measurements - Methods and Instrumentation: Visual observations, transparency with t-tube, DO, temperature, pH. - 8-7-06; 6-1-07; 6-3-08

Project Summary

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Obtain Plan Jan Voit
Heron Lake Watershed District
1008 Third Avenue
PO Box 345
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(507) 793-2462
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MPCA Project Manager:
Kelli Daberkow
MPCA Southwest Regional Office
1420 East College Drive
Marshall, MN 56258
507-537-6497
kelli.daberkow@pca.state.mn.us

Assigned Stations

Station ID	Station Name
32-0053	TEAL
32-0057-02	HERON (DUCK)
32-0057-05	HERON (NORTH HERON)
32-0057-07	HERON (SOUTH HERON)
32-0058	TIMBER
51-0020	SECOND FULDA
51-0021	FIRST FULDA
51-0054	CORABELLE
53-0020	EAST GRAHAM
53-0021	WEST GRAHAM
S000-232	ELK CK AT CSAH-1 1.5 MI SE OF BREWSTER
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-246	OKABENA CK AT MN-60 1 MI NE OF WORTHINGTON
S000-561	RED R OF N NEAR CSAH-64 4 MI N OF E GRAND FORKS
S000-785	JD 76 TO OKABENA CK AT CR-63 2.5 MI W OF OKABENA
S001-557	JACK CK, 1 MI E OF SH60, 1 MI SSW OF HERON LK
S001-560	JACK CK, 1 MI W OF MILOMA
S001-561	JACK CK, 1 MI E OF HWY 59
S001-562	UNNAMED TRIB TO JACK CK, 1 MI E OF HWY 59
S001-563	UNN STR AT CSAH-18, 4.5 MI SE OF FULDA
S001-564	TRIB TO JACK CK, 3/4 MI N OF CO RD 63
S001-565	UNN INLET STR AT MN-86, 1/2 MI NW OF LAKEFIELD
S001-566	JD-3 AT CSAH-20, 2 MI NW OF LAKEFIELD
S001-568	OKABENA CK, 1/2 MI NO. OF CSAH-20, 1 MI W OF OKABENA
S001-569	JD #26, ON CSAH-18, 5 MILES SE OF FULDA
S001-570	JD #26, ON CTY RD 55, 6 MI. SE OF FULDA
S001-591	UNN TRIB TO FULDA SECOND LK AT LAFAYETTE AVE, IN FULDA
S001-654	UNN CK, AT CO. RD. 78, 7.5 MI NW OF LAKEFIELD
S001-655	UNN STR, AT CO. RD. 78, 7.0 MI NW OF LAKEFIELD
S001-656	GRAHAM LK OUTLET STR, AT CO RT 1, 7.5 MI SE OF FULDA
S001-657	UNN STR, 4 MI NW OF LAKEFIELD
S001-658	UNN STR AT CO RT 24, 4.5 MI NW OF LAKEFIELD

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Station ID	Station Name
S001-659	UNN STR, INLT STRM TO 1ST & 2ND FULDA LKS, .5 MI S OF FULDA
S001-660	UNN STR, AT CO RT 14, 1.5 MI W OF LAKEFIELD
S001-661	UNN CK, AT CO RD 53, 4.5 MI NE OF WORTHINGTON
S001-662	OKABENA CK, AT STATE HWY 266, 1.5 MI NW OF WORTHINGTON
S001-664	OKABENA CK, AT HWY 3, 2 MI NE OF WORTHINGTON
S001-665	OUTLET STR FULDA FIRST, AT HWY 59, 1 MI S-SE OF FULDA
S001-672	JD #31 & PUMPING STATION, AT CO RD 71, 2 MI NW OF LAKEFIELD
S001-673	JD #17, 4.5 MI W-NW OF LAKEFIELD
S002-009	HERON LK OLT, 1/2 MI FROM CSAH-24 BRG, 2.25 MI E HERON LK
S002-233	ELK CK ON 220TH ST (3/4 MI E OF US-59), 2.5 MI N WORTHINGTON
S003-714	INLT TO FULDA POND 0.7 MI W LAFAYETTE RD, 0.6 MI SW OF FULDA
S003-715	INLET TO DESILTATION BASIN 0.27 MI W PALM AVE, 5 MI SW FULDA
S003-716	OUTLT TO DESILTATION BASIN 0.16 MI W PALM AVE, 5 MI SW FULDA
S003-717	UN TRIB TO JACK CK AT 140TH ST, 6.5 MI SW OF FULDA MINNESOTA
S003-718	OUTLT OF GOEDTKE/KRAMER BASIN 0.28MI S 140TH 6.7MI SW FULDA

Project CWPLKSHE Lake Shetek Area CWP Watershed Improvement Project

Start Date 03/01/1994 **Planned Duration** Long-term

Purpose Restore the biologic integrity of the Lake Shetek system.

Study Area Lake Shetek watershed

Project Design Storm Events:
 Storm event sampling was conducted by means of automated Sigma samplers or manual grab samples. Sites I1, I2, B1 and O1 had automated sampling equipment as well as continuous stage height recorders and electronic data logging devices. The automated samplers were triggered for sampling by a signal from the stage height devices. The signal to begin sampling was sent whenever an increase of stage height of 0.2 was found, indicating a runoff event in progress. The sampler, once triggered, would collect samples at 4-hour intervals, up to the maximum of 24 samples. Sites without automated equipment were sampled manually during events at a frequency approximately equal to the automated sites. In both cases, samples were selected for analysis by the observed hydrograph for the particular runoff event. The samples were selected from representative samples from the rising limb, peak and falling limb of the runoff event. Along with water quality parameters listed in Table T-4, samples for bacterial analysis were collected in sterile bottles and transported on ice with the others. Temperature and conductivity measurements were made with field stage height observations and were recorded on field data forms. (Lake Shetek Area Watershed Improvement Project: Six Year Implementation Work Plan 1997-2002. Prepared 4-1998 by Murray County Environmental Services.)

Obtain Plan MPCA Project Manager:
 Kelli Daberkow
 MPCA Marshall Office
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Project Summary

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Obtain Plan kelli.daberkow@pca.state.mn.us

Assigned Stations

Station ID	Station Name
42-0047	YANKTON
51-0027	SMITH
51-0039	FREMONT
51-0040	BLOODY
51-0046	SHETEK
51-0063	SARAH
51-0082	CURRANT
S001-544	CTY DITCH #20 (BEAVER CK) AT CSAH-28 2.5 MI E OF LAKE WILSON
S001-545	CD 20 UPSTRM OF THE CONFLUENCE WITH BEAVER CK, E OF CSAH-28
S001-546	LK SHETEK INLET AT US-59, 3 MI S-SE OF GARVIN
S001-547	LK SARAH OUTLET STR AT CR-89, 4.5 MI NW OF CURRIE
S001-548	UNN STR, 1/2 MI E OF US-59, 4.5 MI NW OF CURRIE
S001-549	UNN STR, 1 MI E OF US-59, 3 MI W OF CURRIE
S001-550	BLOODY LK CHANNEL, 1/3 MI S OF CSAH-15, 3 MI N OF CURRIE
S001-551	LK SARAH OUTLET STR AT CSAH-16, 5 MI S OF GARVIN
S001-552	DES MOINES R, 1 MI S OF US-14, 1.5 MI E OF BALATON
S001-553	UNN STR (LK BALATON OUTLET) E OF CR-63 IN BALATON
S002-005	BEAVER CK AT MN-30 BRG, 1.75 MI W OF CURRIE
S002-006	LAKE SHETEK OUTLET, .75 MI W OF CSAH-38, 1 MI NW OF CURRIE

Project CWPLONGP Long Prairie River Management Project CWP Phase I & II

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Phase I was conducted to locate and determine the extent of any water quality problems, with an emphases on phosphorus and dissolved oxygen levels. Phase II has continued to monitor while promoting the installation of BMP's and determining the effectiveness of those BMP's to improve and protect water quality.

Part of the Long Prairie River - Todd SWCD STORET Program.

Study Area Statewide

Assigned Stations

Station ID	Station Name
01-0031	ANDERSON
S000-283	LONG PRAIRIE R.W OF LONG PRAIRIE
S002-283	MISSISSIPPI R AT FOREST ROUTE 2171, 9 MI NE OF CASS LAKE
S002-899	LONG PRAIRIE R ON BR AT CR 69, 10 MI NW OF LONG PRAIRIE, MN
S002-900	LONG PRAIRIE R ON BR AT CR 65, .25 MI N OF PHILBROOK, MN
S002-901	TURTLE CK ON BR AT OAK RIDGE RD, 8 MI NE OF BROWERVILLE, MN
S002-902	EAGLE CR ON BRG AT CSAH 21, .5 MI N OF BROWERVILLE, MN
S002-903	MORAN CR ON BR AT 255TH AVE, 8 MI SW OF STAPLES, MN

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Station ID	Station Name
S002-904	LONG PRAIRIE R ON BR AT RIVERSIDE DR, NW LONG PRAIRIE, MN
S002-905	LONG PR R ON BR AT MILTONA CARLOS RD, 4.5 MI S OF MILTONA
S002-906	LONG PRAIRIE R ON BR AT CR 90, 2.25 MI SE OF BROWERVILLE, MN
S002-907	SPRUCE CR AT SPRUCE HILL PK RD, 3 MI NNW OF BELL RIVER, MN
S002-908	DISMAL CR AT CULVERT ON CSAH 38, 9.5 MI SE OF MILTONA, MN
S002-909	LONG PRAIRIE R ON BR AT CR 65, 2.5 MI SE OF MILTONA, MN
S002-910	LONG PRAIRIE R ON BR AT CSAH 14, .5 MI E OF BROWERVILLE, MN
S002-911	LONG PRAIRIE R ON BR AT OAK RIDGE RD, 8.25 MI NE OF CLARISSA
S003-922	LONG PRAIRIE R ON CSAH 27, 3 MI N OF LONG PRAIRIE, MN
S003-923	LONG PRAIRIE R AT 2ND ST AND 3RD AVE IN N LONG PRAIRIE, MN
S003-924	LONG PRAIRIE R ON CSAH 38, 1.4 MI W OF LONG PRAIRIE, MN

Project CWPMFCRG Green Lake Middle Fork Crow River CWP

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Monitoring seasons 2000-02: Problem identification for severe hydrogen sulfide ambient air concentration downtown New London, MN, and associated human health concerns as well as perceived degradation of Green and Calhoun Lakes.

Monitoring seasons 2003-06: Continuous monitoring

Part of the CROWS STORET Program.

Study Area Statewide

Assigned Stations

Station ID	Station Name
34-0062	CALHOUN
34-0079	GREEN
34-0154	NEST
34-0158-04	CROW RIVER MILL POND (MID)
S002-028	MID FK CROW R ON CSAH-3, 1/2 MI S OF MANANNAH
S002-292	ALVIG SLOUGH TO GREEN LK, .5 MI SE OF SPICER, MN
S002-293	CROW R, MF AT CSAH 2, 7 MI E NE OF SPICER, MN
S002-294	CROW R MF INLET TO GREEN LK, 2 MI NE OF SPICER, MN
S002-295	CROW R MF INLET TO NEST LAKE, 3 MI N NW OF SPICER, MN
S002-296	CROW R MF AT DAM IN NEW LONDON, MN
S002-297	CD 26 ABOVE LK CALHOUN, 6.4 MI NE OF SPICER, MN
S002-298	CD NO 37 AT 40TH ST NE, 5 MI NW OF NEW LONDON, MN
S002-299	CROW R MF AT CSAH 40, 1.5 MI W OF NEW LONDON, MN
S002-300	MID FK CROW R AT CSAH 35, 4 MI S OF BELGRADE
S002-301	CO DTCH B6 AT CSAH 35, 4 MI S OF BELGRADE

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Station ID	Station Name
S002-302	MID FK CROW R AT 275 AVE NE, 4.5 MI S OF BELGRADE
S003-495	DIAMOND LK INLET FROM HUBBARD LK, 3.5 MI NW OF ATWATER
S003-496	DIAMOND LK OUTLET AT CR-137, 4.5 MI N OF ATWATER
S004-090	CD 26 AT 545TH AVENUE, 3 MILES SOUTH OF GROVE CITY, MN.
S004-241	MID FK CROW R ON CSAH-9, 1 MI SW OF NEW LONDON, MN
S004-242	MID FK CROW R AT L CROW GOLF CRSE, 1 MI SE OF NEW LONDON, MN
S004-642	UNN STR TO MFK CROW R ON 120TH AVE NE, 7 MI N OF ATWATER, MN
S004-643	MF CROW R AT CSAH 10, 7.4 MI N OF ATWATER, MN
S004-644	UNN STR OUTLET FROM LONG LK, 3.3 MI NE OF NEW LONDON, MN
S004-645	UNN STR INLET TO LONG LK, 4.45 MI SSE OF GROVE CITY, MN
S004-646	MF CROW R INLET TO MUD LK, 3.1 MI N OF NEW LONDON, MN
S004-647	UNN STR INLET ON CR137, 3.5 MI NW OF ATWATER, MN

Project CWPMILLR Miller Creek CWP Project

Start Date 05/01/1996 **Planned Duration** Three years

Purpose Phase I CWP (Diagnostic Study) of Miller Creek evaluating pollution problems affecting the stream's brook trout fishery

Study Area Miller Creek watershed, located in cities of Duluth and Hermantown, MN

Assigned Stations

Station ID	Station Name
S001-169	MILLER CK AT CHAMBERSBURG RD T50N/R14W/S19
S003-070	MILLER CREEK, UPPER GAGE SITE AY HWY 53 IN DULUTH
S003-071	MILLER CREEK, LOWER SITE AT 26TH AVE W IN DULUTH

Project CWPOSAKI Osakis Lake Watershed Management Project

Start Date 07/01/2005 **Planned Duration** 3 years

Purpose The purpose of the Osakis Lake Watershed Management Project is to reduce the nutrient loading to Osakis Lake by implementing best management practices throughout the watershed. The water quality monitoring is conducted to determine the effectiveness of the BMPs and overall water quality status of the lake and its tributaries.

Osakis Lake Watershed Management Project has had several funding strings throughout its existence: 1. Osakis Lake Improvement Project, Clean Lakes Program 1994 (grant # CL 005081-20-0), 2. Osakis Lake Improvement Project CWP 1996 (grant # 1952), 3. Osakis Lake Improvement Continuation Project CWP 2000 (grant # 1953), 4. Osakis Lake Watershed Management Project Phase III CWP 2002 (grant # 1953-02), 5. Osakis Lake Watershed Management Project CWP Phase III Continuation 2004 (grant # 1953-03).

Lake Osakis Lake Association members submit CLMP secchi data to MPCA.

CWPOSAKI is continued from "LEGOSA," which was funded by the first grant listed above.

Associated with the SRWD Program in STORET.

Revised 2007: Osakis Lake Watershed Management Project CWP Phase III Continuation 2004 (grant #1953-03).

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Purpose Funding 2008 - data collection is funded with CWLA grant.

Study Area Sauk River Watershed District (SRWD), specifically Osakis Lake and its tributaries: Judicial Ditch 2 on CR-85, Osakis Lake outlet, Clifford Lake outlet, Faille Lake inlet, Boss Creek on CR-37, Osakis Lake sites 6201-03 and Faille Lake.

2007 update: Maple Lake

Project Design Samples are sent to Braun Intertec and RMB labs.
Revised 2007: Added Stearns DHIA Central Laboratories and Cloud Water Treatment Plant.

Parameters collected include total phosphorus, ortho-phosphorus, total suspended solids, dissolved oxygen, pH, and secchi. Chlorophyll-a is monitored in Osakis, Faille and Clifford Lakes

Streams samples are collected by grab samples, or Van Dorn Samplers in high flows. Lake samples are collected monthly during open water season by a foot profile or integrated sampler (6 ft).

Revised 2007: Grab samples in streams and used Van Doren Sampler. Used integrated sampler (6 feet) for Lake profiles along with YSI 6820 multiparameter probe. Continuous water elevation data is collected electronically for streams. SOPs and QAPP submitted as appendices in work plans for each grant.

Obtain Plan Citation for Plan:

Osakis Lake Watershed Management Project CWP Phase III Continuation Workplan (grant # 1953-03)

Author: Sauk River Watershed District

Publishing Organization: Sauk River Watershed District

Publication Year: 2006

Assigned Stations

Station ID	Station Name
21-0003	CLIFFORD (SWIMS)
77-0181	MAPLE
77-0195	FAILLE
77-0215	OSAKIS
S002-647	CROOKED LK DT CSAH-10 INL LK OSAKIS 5 MI N OSAKIS
S002-649	SAUK R AT CSAH 37 E SIDE LK OSAKIS NE OF OSAKIS
S002-650	LONG PRAIRIE R INLET TO L OSAKIS AT CSAH 10
S002-652	LK OSAKIS INLET FR LITTLE L OSAKIS AT CSAH-10
S002-653	FAILLE LK OUTLET TO LK OSAKIS AT SH-27 NR OSAKIS
S003-293	JD-2 AT CR-31, 4.9 MI SW OF OSAKIS, MINNESOTA
S003-294	FAIRFIELD CK AT CR-31, 4.5 M SW OF OSAKIS, MINNESOTA
S003-295	CLIFFORD LK OUTLET AT CSAH-127, 2 MI S OF OSAKIS, MINNESOTA
S003-296	FAILLE LK INLET AT CSAH-27, 0.6 MI E OF OSAKIS, MINNESOTA
S003-297	FAIRFIELD CK AT CSAH-27, 2 MI SE OF NELSON, MINNESOTA
S003-299	FAIRFIELD CK AT HOPE ROAD, 2 MI E OF NELSON, MINNESOTA
S003-300	CROOKED LK DTCH AT CR-73, 3.1 MI NE OF NELSON, MINNESOTA
S003-301	TRIB TO CROOKED LK DTCH AT CR-73 2.7 MI NE OF NELSON, MN
S003-302	BOSS CK AT CSAH-37, 5.6 MI NE OF OSAKIS, MINNESOTA
S003-303	CROOKED LK DTCH AT CR-73, 4.4 M N OF OSAKIS, MINNESOTA
S003-304	CALAMUS CK AT CR-74, 3.8 MI SE OF CARLOS, MINNESOTA

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Station ID	Station Name
S003-537	OSAKIS L INLT AT UNN RD, 2.9 MI N OF OSAKIS, MINNESOTA
S003-538	OSAKIS LAKE INLT AT CR-10, 1.9 MI N OF OSAKIS, MINNESOTA
S003-539	UNN TRIB TO OSAKIS L AT CR-10, 1.7 MI N OF OSAKIS, MINNESOTA
S003-540	UNN TRIB TO OSAKIS L AT CR-10, 1.4 MI N OF OSAKIS, MINNESOTA
S003-541	UNN TRIB TO OSAKIS L AT CR-3, 0.9 MI NW OF OSAKIS, MINNESOTA
S003-878	CROOKED L DTCH (JD2) 0.32 MI E OF CR-5, 4.3 MI N OSAKIS, MN
S003-879	CROOKED L DTCH (JD2) 0.39 MI E OF CR-5, 4.3 MI N OSAKIS, MN

Project CWPREDLK Red Lake Watershed District CWP Monitoring

Start Date 01/01/1984 **Planned Duration** Long-term

Document/Graphic CWPREDLK-Info Document/Graphic

Purpose This project includes all monitoring conducted by the Red Lake Watershed District, particularly the RLWD's long-term district monitoring program. The sites monitored by the RLWD since 1990 include, but are not limited to the list below. The sampling is being done for both baseline and diagnostic purposes, depending on the site. Long-term monitoring program samples were collected quarter annually around the dates of January 25th, April 25th, July 25th and October 25th through 2003. Beginning in 2004, samples have been collected every other month during the open water period of the year. Months will be alternated each year so that at least 5 samples are collected per open-water calendar month within a ten-year assessment period. Additional samples are collected during the winter (through ice) at select sites. A Quality Assurance Manual was created for the watershed district's monitoring program on April 15, 1991. In April of 1992, the MN Dept. of Health certified the laboratory at the U of M Crookston as a WQ Lab. Since 1998, samples have been sent to RMB Environmental Lab in Detroit Lakes. 4-15-2008

This project is associated with the Clearwater Lake Water Quality Model, Clearwater Lake Management Plan, Red Lake Watershed Farm to Stream Tile Drainage Study, Red River Basin Buffer Initiative, Clearwater River Stormwater Study, Red River Watershed Assessment Protocol, Clearwater Nonpoint Study, and the Conservation Practices (Buffer Strips) Project, in cooperation with the Beltrami Soil and Water Conservation District and the Minnesota Pollution Control Agency. 4-18-2006

This project includes Clearwater River CWP data migrated from Legacy STORET identified by the grant code (where P74036 =) 721.

Cooperating Organizations: Beltrami SWCD, MPCA, Marshall-Beltrami County SWCD, Red River Basin River Watch, Red River Basin Monitoring Network, Maple Lake District. 4-18-2006

Associated with the REDBUFF Program in STORET.

Study Area Entire Red Lake River Watershed

Streams:

RL-0.2 (S000-013)	RLR008 (S001-462)
3 Mile Road (S001-907)	131 (S001-911)
114 (S002-090)	Buzzle Lake Outlet (S002-092)
37 (S002-121)	PL30 (S002-133)
RLR019 (S002-722)	RLR016 (S002-728)
RLR022 (S002-729)	RLR009 (S002-730)
RLR006 (S002-752)	RLR020 (S002-912)
RLR018 (S002-914)	RLR023 (S002-915)
RLR012 (S002-916)	RLR013 (S002-917)
RLR003 (S002-929)	75 (S002-077)

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Study Area	128 (S001-458)	66 (S002-076)
	740 (S002-123)	790 (S002-080)
	O-6 (S001-906)	63 (S002-131)
	53-I (S002-075)	Bee Lake Inlet (S002-086)
	53-O (S002-130)	59 (S002-129)
	50-I (S002-087)	109 (S002-091)
	133/19 (S002-122)	50-O (S001-007)
	799 (S002-081)	797 (S002-120)
	81 (S002-082)	780 (S002-124)
	Murray Bridge (S002-963)	760 (S002-079)
	40 (S002-088)	757 (S002-078)
	15 (S002-089)	98 (S002-084)
	826 (S002-083)	62 (S002-117)
	782 (S001-131)	NEB-2 (S002-085)
	785 (S002-118)	131 (S001-460)
	52 (S002-119)	PL40 (S002-134)
	BL18 (S002-132)	Silver Creek 2 (S004-040)
	53-I2 (S004-041)	53-I3 (S004-042)
	53-I4 (S004-043)	CLBK1 (S004-044)
	CLBK2 (S004-045)	CLBK3 (S004-046)
	CoRd6 (S004-047)	Farmes Pool Outlet (S004-048)
	GON1 (S004-049)	GON2 (S004-050)
	JD73/SG145 (S004-051)	SG2 (S004-052)
	SG5 (S003-945)	SG7 (S004-053)
	SG8 (S004-054)	SG140 (S004-055)
	SG150 (S004-056)	SG155 (S004-057)
	SG86 (S004-058)	Beltrami Natural (S004-059)
	Cyr Ck (S004-818)	BC1 Blackduck R (S004-831)
	BC3 Darrigan's Ck (S004-832)	BC4 O'Brien's Ck (S004-833)
	BC9 Cormorant R (S004-834)	Kripple Ck (S004-835)
	112 (S004-837)	

Lakes: 04-0343 Clearwater; 60-0189 Cameron; 60-0305 Maple

Project Design Lab: RMB Environmental Lab, Detroit Lakes - 4-15-2008

Sample Collection Method(s) and Gear(s):
Kemmerer sampler, Van Dorn sampler or direct grab (dip) sample. - 4-15-2008

Field Measurements:

Hydrolab Datasonde 4: pH, temperature, dissolved oxygen, conductivity
YSI 600QS: pH, temperature, dissolved oxygen, conductivity
Eureka Manta: pH, temperature, dissolved oxygen, conductivity, turbidity (FNU)
In-Situ TROLL 9000: continuous pH, temperature, dissolved oxygen, conductivity
Turbidity (NTU/NTRU) with Hach 2100P turbidimeter
Transparency (cm) with 122 cm; 100 cm; and 60 cm transparency tubes
RMB Environmental Labs: Alkalinity (in the past), chemical oxygen demand (in the past), total dissolved solids, total suspended solids, fecal coliform bacteria, nitrogen (ammonia), total kjeldahl nitrogen, nitrate and nitrite nitrogen, ortho phosphorus, total phosphorus, e coli, turbidity (NTU) and biochemical oxygen demand (select sites and time periods). 4-15-2008

Clearwater River Watershed up to the Clearwater Lake outlet, sampled quarter annually at most sites. Some investigative sites have a lesser frequency and some sites used for special projects may have a more intensive monitoring frequency. 4-18-2006

Field Hydrolab for pH, temperature, dissolved oxygen and conductivity; Hach 2100P Turbidimeter for turbidity; 100cm and 60cm transparency tubes for transparency.

RMB Environmental Labs for alkalinity, chemical oxygen demand, total dissolved solids, total suspended solids, fecal coliform bacteria, ammonia-nitrogen, total Kjeldahl nitrogen, nitrate-nitrite nitrogen, ortho-phosphorus, total phosphorus and e coli. 4-18-2006

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Minnesota Pollution Control Agency

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MPCA Project Manager:
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Quality Assurance Other Information that can be submitted and stored:
Project Study Area - Entire Red Lake River Watershed

Design and Sampling Frequency - quarter annually at long-term monitoring sites. Some investigative sites have a lesser frequency and some sites used for special projects may have a more intensive monitoring frequency.

Contact information for complete information: See Project Manager and Data Manager contact information.

QA Plan Summary: The Red River Watershed Standard Operating Procedures for Water Quality Monitoring are the methods on record with the MPCA for this project. Also, an updated Quality Assurance Project Plan is being developed for the RLWD monitoring program but it is still in the draft stage.

Programs associated with this Project - Clearwater Lake Water Quality Model, Clearwater Lake Management Plan, Red Lake Watershed Farm to Stream Tile Drainage Study, Red River Basin Buffer Initiative, Clearwater River Stormwater Study, Red River Watershed Assessment Protocol, Clearwater Nonpoint Study, and the Conservation Practices (Buffer Strips) Project, Grand Marais Creek Flood Damage Reduction.

Cooperating Organizations - Beltrami SWCD, MPCA, Marshall-Beltrami County SWCD, Red River Basin River Watch, Red River Basin Monitoring Network, Maple Lake District, and the Red River Watershed Management Board. 4-15-2008

The Red River Watershed Standard Operating Procedures for Water Quality Monitoring are the methods on record with the MPCA for this project. Also, an updated Quality Assurance Project Plan is being developed for the RLWD monitoring program but it is still in the draft stage. 4-18-2006

Assigned Stations

Station ID	Station Name
04-0069	BLACKDUCK
04-0297	BUZZLE
04-0343	CLEARWATER
60-0189	CAMERON
60-0305	MAPLE
S000-013	RED LAKE R DNST OF MN-220 BR IN EAST GRAND FORKS
S000-477	POPLAR R AT CSAH-6 1 MILE NE OF FOSSTON
S001-007	LOST R AT E/W RD IN MID S21 1.5 MI S OF GONVICK
S001-131	LOST R AT CSAH-5 AT OKLEE
S001-458	CLEARWATER RIVER 1 1/2 MI W OF BAGLEY, MN
S001-460	CLEARWATER R, 4 3/4 MI NE OF LEONARD, MN

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Station ID	Station Name
S001-462	CLEARWATER R, 7 3/4 MI NE OF GONVICK, MN
S001-906	CLEARWATER RIVER AT BRIDGE ON US-2, 1 MI E OF BAGLEY
S001-907	CLEARWATER RIVER, CULVERT AT CR-91, 3.5 MI NE OF BAGLEY
S001-911	CLEARWATER R AT CSAH 24, 6 MI NE OF LEONARD
S002-075	MAPLE LK INLET @ CSAH-10 BRG, 2 MI SO OF MENTOR
S002-076	RED LK R ON FIRST ST BRG IN THIEF RIVER FALLS
S002-077	RED LK R ON CSAH-24 BRG, 7 MI SO OF GOODRIDGE
S002-078	MUD R, ON MN-89 BRIDGE, 6 MI NW OF GRYGLA
S002-079	THIEF R, 1 MI E CSAH-32, HILLYER BRG, 4 MI N THIEF R FALLS
S002-080	RED LK R, SAMPSON BRG, IN CROOKSTON
S002-081	BURNHAM CK, TOWNSHIP RD BRG, 3/4 MI SE US-75 2 MI SW CROOKSTON
S002-082	SILVER CK ON CR-111 BRG, 2 MI E CSAH-7, 2 MI NE OF GONVICK
S002-083	GRAND MARAIS CK ON CSAH-220 BRG, 3 MI N OF EAST GRAND FORKS
S002-084	THIEF R ON CSAH-49 BRG, 10 MI NE OF MIDDLE RIVER
S002-085	MUD R ON CSAH-1 BRIDGE IN REDBY
S002-086	UNN INLET TO BEE LAKE AT CSAH-37 BRG, 1 MI SW OF ERSKINE
S002-087	LOST R ON TOWNSHIP RD BRG TO PINE LK INLET 5 MI SW OF GONVICK
S002-088	THIEF R ON CSAH-7 BRG IN AGASSIZ NWR, 6 MI E OF HOLT
S002-089	MOOSE R ON MN-89 BRG, 16 MI NW OF GRYGLA
S002-090	SO OTLT MOOSE R IMPDMT TO MUD R, CSAH-44 BR, 10 MI NE GRYGLA
S002-091	POPLAR R, 2 3/4 MI E US-59, ON TOWNSHIP RD BRG 6 MI NE ERSKINE
S002-092	UNN OUTLET FROM BUZZLE LK, 1.2 MI W OF CSAH-5 NEAR PINWOOD
S002-117	POPLAR R AT SH92 2.5MI W OF BROOKS
S002-118	CLEARWATER R AT KLONDIKE BRIDGE/BOTTINEAU AVE RED LAKE FALLS
S002-119	CLEARWATER R AT CR4 AT OUTLET OF CLEARWATER LK
S002-120	RUFFY BK AT CR67 4MI NO OF CLEARBROOK
S002-121	CLEARWATER R AT CR96 7 MI E OF ROLAND
S002-122	WALKER BK AT CSAH19 IN BAGLEY MN
S002-123	RED LAKE R AT LOWER RED LAKE OUTLET DAM
S002-124	CLEARWATER R AT RD IN T151R42S45W 1 MI N PLUMMER
S002-129	BADGER LK INLET AT TWP RD CULV BY ACCESS, 1 1/3 MI N ERSKINE
S002-130	MAPLE LK OTLT, DITCH NO. 14 AT CSAH-10, 1.5 MI SO. OF MENTOR
S002-131	MITCHELL LK/BADGER LK CONNECT US-2 BRG, 1 MI NO. OF ERSKINE
S002-132	BLACK R ON CSAH-18 B/4 CONFLU W/RED LK, 6 MI W RED LK FALLS
S002-133	LOST R AT CR-119, 2 MI N OF BROOKS
S002-134	HILL R AT CR-119, .5 MI NO. OF CSAH-92, IN BROOKS

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Station ID	Station Name
S002-722	CLEARWATER R AT T151R44S26NE IN RED LAKE FALLS
S002-728	LOST R AT CR118 3MI NW OF BROOKS
S002-729	LOST R AT SH92 IN GONVICK
S002-730	CD57 TO CLEARWATER R AT CR126, 2 MI NE OF PLUMMER
S002-752	CLEARWATER R AT CSAH11 9MI NE OF CLEARBROOK
S002-912	CLEARWATER R AT BOTTINEAU AV IN RED LAKE FALLS
S002-914	CLEARWATER R AT CSAH12 1MI N TERREBONNE
S002-915	POPLAR R AT CSAH30 IN MCINTOSH MN
S002-916	CLEARWATER R AT CR127, 8 MI E OF PLUMMER
S002-917	CLEARWATER R AT CSAH20 3 MI SW OF PLUMMER
S002-929	CLEARWATER R AT CSAH22 1 MI W OF PINEWOOD
S002-963	RED LK R AT 2ND AVE NE (MURRAY BRIDGE) IN EAST GRAND FORKS
S003-128	UNNAMED OUTLET FROM OAK LAKE, 3 MI E OF ERSKINE
S003-497	POPLAR R AT CSAH-8, 2.1 MI N OF MCINTOSH, MN
S003-945	THIEF R AT GOLF COURSE BRG ON CSAH-31, 2 MI N THIEF R FALLS
S004-040	SILVER CR ON LEON L-12, 1.5 MI SW OF CLEARBROOK
S004-041	UNNAMED CR (MAPLE LK INLET) ON DEAD-END ROAD, 3 MI SO MENTOR
S004-042	UNNAMED CR (MAPLE LK INLET) E MAPLE BAY RD SE 4 MI SW MENTOR
S004-043	UNNAMED CR (MAPLE LK INLET), T INTER AT 120TH 5 MI SW MENTOR
S004-044	UNNAMED CR AT MN-92 CROSSING, W SIDE OF CLEARBROOK
S004-045	UNNAMED CR AT CSAH-49, 1/2 MI SO. OF CLEARBROOK
S004-046	UNNAMED CR AT CSAH-49, 3/4 MI SE OF CLEARBROOK
S004-047	THIEF R AT CSAH-6 CROSSING, 9.5 MI E OF MIDDLE RIVER
S004-048	FARMES POOL OTLT (CD #27) CR-120 IN AGASSIZ NWR 7 MI SE HOLT
S004-049	LOST R ON CSAH-7 IN GONVICK
S004-050	LOST R, NO. OF ASH ST IN GONVICK
S004-051	JD #73, BEND AT 80TH ST SE/240TH AVE SE, 2 3/4 MI SE MENTOR
S004-052	THIEF R AT RANGELINE RD BRG (CSAH-12), 4.5 MI SE OF HOLT
S004-053	JD #11 (AKA DITCH 200) CR-120 BRG, 5 MI SE OF HOLT
S004-054	CD #20 AT CSAH-12 BRG, 7 3/4 MI NE OF THIEF RIVER FALLS
S004-055	THIEF RIVER, NORTH END THIEF RIVER RD, 9 MI E MIDDLE RIVER
S004-056	RUFFY BK AT CSAH-4, 3 MI E OF CLEARBROOK
S004-057	RUFFY BK CROSSING OF LEON TWP RD L-7, 2 3/4 MI NE CLEARBROOK
S004-058	GENTILLY R AT CSAH-11 CROSSING IN GENTILLY
S004-059	DRNAGE FROM WAPATI WILDLIFE AREA, WILDLIFE RD, 5 MI N GRYGLA
S004-131	CD #2 AT CR-62, 7 MI NE OF EAST GRAND FORKS
S004-132	UNNAMED CK ON US-75, 2 MI NW OF EUCLID
S004-818	CYR CK AT CR-110, 4 MI SW OF RED LAKE FALLS

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Station ID	Station Name
S004-831	BLACKDUCK R AT THE DEER TRAIL RD XING, 7 MI NW OF BLACKDUCK
S004-832	DARRIGAN'S CK AT CSAH-23 XING, 9 1/3 MI NW OF BLACKDUCK
S004-833	O'BRIENS CK AT THE HARVEST RD NE XING, 8 1/2 MI NW BLACKDUCK
S004-834	CORMORANT R AT CSAH-37 XING, 8 MI NO OF BLACKDUCK
S004-835	KRIPPLE CK AT 80TH ST SW XING, NEAR TOWN OF GENTILLY
S004-837	LOWER BADGER CK AT CR-114 XING, 3 MI SE OF RED LK FALLS

Project CWPRICE Rice Lake/Lake Koronis Restoration Proj, Phase II, Part II

Start Date 07/01/2002 **Planned Duration** Six years

Purpose Effectiveness monitoring; to mitigate nonpoint pollution sources to Rice and Koronis Lakes. Effectiveness for BMP's implemented for the CWP Project.

Continued from "LEGRKCL."

Part of the CROWS STORET Program.

Study Area Rice Lake/Lake Koronis

Assigned Stations

Station ID	Station Name
73-0196	RICE
73-0200-01	KORONIS (MUD)
73-0200-02	KORONIS (MAIN BASIN)
S001-508	N FK CROW R NEAR CSAH-20 BRG, 6 MI SSE OF PAYNESVILLE
S001-510	N FK CROW R NEAR 263RD AVE BRG, 3 MI ESE OF PAYNESVILLE
S001-942	CO DT 4 AT 390TH ST CULVERT, 4.5 MI S OF PAYNESVILLE
S001-943	CO DT 5 ON W SIDE OF LAKE ST CULVERT IN PAYNESVILLE
S001-944	N FK CROW R AT CTY RD 20 BRG, 6 MI S OF PAYNESVILLE
S002-354	CROW R, N FK, AT BRG ON CSAH 6, 3.2 MI W OF PAYNESVILLE, MN
S002-355	CROW R, N FK AT BRG ON MN-55/4, 4.5 MI SE OF PAYNESVILLE, MN
S002-356	CROW R, N FK, AT BRG ON MN-23, 1 MI NE OF PAYNESVILLE, MN
S002-357	CROW R, N FK AT BRG ON CSAH 34, 3.5 MI SE OF PAYNESVILLE, MN
S002-403	CROW R, N FK, RICE LK INLET, 3 MI E OF PAYNESVILLE, MN
S002-718	CD 4 AT CSAH-20, 4.5 MI S OF PAYNESVILLE
S002-731	UNN INLET L KORONIS AT CSAH-20, SW PAYNESVILLE
S002-732	UNN INLET RICE L AT TOWNSHIP RD IN SECT 19
S002-733	UNN INLET TO N SIDE RICE L AT CR 123, S OF ROSCO
S002-734	UNN INLET TO RICE L AT TWP RD IN SECT 17, SE PAYNESVILLE
S002-735	UNN INLET TO S RICE L 200 FT E OF TOWNSHIP RD SE
S002-736	UNN INLET TO SOUTH END OF RICE L AT CSAH-34
S002-737	UNN INLET W POINT L KORONIS, 4 MI S PAYNESVILLE
S002-738	UNN OUTLET FROM PIRZ L AT TWP RD IN NE 1/4 SEC 7 T122R31
S002-769	N F CROW R AT RR BR UPSTR CSAH-34 SE PAYNESVILLE

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Project CWPRUSH Rush River Assessment Project

Start Date 04/01/2003 **Planned Duration** 2003-2005

Purpose To gather information to assess the water quality of the Rush River and its tributaries through a three year diagnostic study. Also to conduct a hydrologic flow study of the Rush River to determine methods to decrease peak flows and improve water quality.

Fall 2007: Project Manager changed from Tim Larson to Scott MacLean.

Assigned Stations

Station ID	Station Name
S000-489	MIDDLE BR RUSH R AT MN-15 1.5 MI S OF WINTHROP
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON
S000-822	RUSH RIVER, SH-93 BY HENDERSON
S001-807	BUFFALO CK, AT 270TH ST, 1.5 MI NW OF HENDERSON
S001-891	HIGH ISLAND CK AT CSAH 9, 1 MI NW OF ARLINGTON
S002-930	N BR, RUSH R AT CSAH-9, 7 MI SE OF GAYLORD
S002-931	MID BR, RUSH R AT CR-63, 6.5 MI SE OF GAYLORD
S002-932	S BR, RUSH R AT CR-63, 7.5 MI SE OF GAYLORD
S002-933	JD 1A AT CR-63, 9 MI SE OF GAYLORD
S002-939	MID BR RUSH R AT CSAH-25, 2 MI SW OF WINTHROP, MN
S002-945	MID BR RUSH R AT CSAH-9, 7.5 MI SE OF GAYLORD, MN
S003-171	JD 18 ON MN-22, 1 MI N OF GAYLORD
S003-671	SB, RUSH R AT CSAH-289, 9.5 MI SE OF GAYLORD

Project CWPSBRT South Branch Root River CWP

Start Date 01/01/1998 **Planned Duration** Ten years

Purpose Condition and effectiveness monitoring as part of a CWP Phase I diagnostic study.

2/5/08: Project Manager changed from Lee Ganske to Shaina Keseley.

Study Area South Branch Root River - Fillmore County

Assigned Stations

Station ID	Station Name
S001-268	SKUNK CREEK MOUTH AT LK SUPERIOR IN TWO HARBORS
S001-316	ETNA CK AT CR-14 BR AT ETNA
S001-318	S BR ROOT R AT BR, 1 MI N OF ETNA
S001-320	S BR ROOT R AT CR-118 IN FORESTVILLE ST PK
S001-322	FORESTVILLE CK, FORESTVILLE ST PK
S001-323	CANFIELD CK, FORESTVILLE STATE PARK
S001-340	JD-1 AT CSAH-3 BR, 4 MI SE OF GRAND MEADOW, MN
S001-539	S BR ROOT R AT GRVL RD BR 1 MI W OF CSAH14 5 MI SE GR MEADOW
S001-945	S BR ROOT R AT CSAH-14, 3 MI NW OF OSTRANDER
S003-397	SHATTUCK CK AT UNN RD, 7.5 MI SE OF LANESBORO
S003-398	UNN TRIB AT MN-43, 1 MI N OF CHOICE

Project CWPSEVEN Seven Mile Creek Watershed Project

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Start Date 01/01/1999 **Planned Duration** Ten years
Purpose This project began as a diagnostic study (condition and problem investigation), and has transitioned into an implementation project (effectiveness study).

Part of the Brown-Nicollet-Cottonwood WQ Board Program in STORET.

2007: Project Manager changed from Lee Ganske to Scott MacLean

Project Design Grab samples and automated samplers

Obtain Plan Brown-Nicollet-Cottonwood Water Quality Board

Assigned Stations

Station ID	Station Name
S002-464	CO DT 24 AT TIMBER LANE, 5.5 MI NW OF MANKATO, MN
S002-934	SEVENMILE CK DWST OF MN-99, 6 MI SW OF ST. PETER
S002-936	CTY DTCH 46A DWST OF CSAH-13, 6 MI SW OF ST. PETER
S002-937	SEVENMILE CK IN SEVENMILE CK CTY PK, 5.5 MI SW OF ST. PETER
S003-706	SEVEN MILE CK IN SEVENMILE CK CTY PARK, 6 MI SW OF ST PETER

Project CWPSHKPE Shakopee Creek CWP Headwaters Project

Start Date 06/01/1996 **Planned Duration** 06-01-2002

Purpose Samples collected by the MNDNR as part of a water quality study in the Shakopee Creek Headwaters watershed. Lake monitoring done for baseline data and long-term trends. Samples were also collected as a part of the Phase 1 Diagnostic Study conducted by the Chippewa River Watershed Project (CWRP). This was funded by a Clean Water Partnership Grant through the MPCA.

Study Area Shakopee Creek headwaters

Lakes Sampled:
Site 204, 34-0251 Norway
Site 206, 34-0251 West Norway
Site 201, 34-0224 Games
Site 206, 34-0206 Andrew
Site 204, 34-0217 Florida

Stream Stations:
SITE 13, S001-861
CD29, S002-197
CD27JUST, S002-198
CD29NB, S002-206
HUSE CREEK, S002-207
HENCHIEN LAKE OUTLET, S002-208
LAKE ANDREW OUTLET, S002-209
AND-MIDDLE, S002-210
AND-SIB, S002-211
AND-ST, S002-212
AND-SE, S002-213
AND-SWT, S002-214
GAME-NW, S002-215
WNOR-NO, S002-216
CD29-DR, S002-217
CD29-SG, S002-218
GAME-PARK, S002-219
GAME-GRAVEL, S002-220
GAME-OUT, S002-221

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Study Area NOR-PAI, S002-222
CD29-WEIR, S002-223
WNOR-ENGEN, S002-224
CD27-CR1N, S002-225
WNOR-LAKE, S002-226
LNOR-OUT, S002-227
CD27-SOLB, S002-228
NOR-SE, S002-229
CD27-HN, S002-230
CD27-HS, S002-231
AND-BEACH, S002-232

Project Design Over 60 stations and five sites

Sample Collection Method(s) and Gear(s): All stream samples are grab samples with bucket, or grab samples within stream.
May 14, 2007

Field Measurements - Methods and Instrumentation: Stream: DO, Cond, water temp (all with YSI meter), transparency with t-tube, and flow with price/pygmy meter.
May 14, 2007

Obtain Plan Madeline Dalton
Watershed Specialist
Shakopee Creek Headwaters Project
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MPCA Project Manager:
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Quality Assurance (From URS report summary)
Water quality samples were analyzed by ERA labs, MVTL, and Eco-Agri. Labs Inc. It was not verified if the same samplers and analyzers were utilized for previous years. The period of investigation for which data was provided is 1996 to 2002.

Assigned Stations

Station ID	Station Name
34-0206	ANDREW
34-0217	FLORIDA
34-0224	GAMES
34-0251	NORWAY
S001-861	SHAKOPEE CK AT CR 29, 10.5 MI N OF WILLMAR
S002-197	CD#29 (2ND CULVERT) ON CR-1, 4 MI E OF SUNBURG
S002-198	CD#27 ON CR-1 (TO W NORWAY LK), 5.4 MI SE OF SUNBURG
S002-206	JD #29 AT CR-1 (INLET W NORWAY LK, W SIDE RD) 5 MI E SUNBURG
S002-207	HUSE CK, CR-404 (62ND ST), INLET TO NORWAY LK 5 MI E SUNBURG
S002-208	UNN OLT FROM HENCHIEN LK AT CR-38, 5 MI W OF NEW LONDON

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Station ID	Station Name
S002-209	SHAKOPEE CK S ANDREW RD AT LK ANDREW OLT 4.5 MI W NEW LONDON
S002-210	UN INLET TO LK ANDREW, EAST OF CSAH-38, 5.7 MI W NEW LONDON
S002-211	LK TILE TO LK ANDREW, ON 16TH ST NE, 4.1 MI W NEW LONDON
S002-212	LK TILE TO LK ANDREW ON SOUTH ANDREW DR, 4.3 MI W NEW LONDON
S002-213	LK TILE TO LK ANDREW ON SO ANDREW DRIVE, 4.2 MI W NEW LONDON
S002-214	LK TILE TO LK ANDREW, ON SO ANDREW DR, 5.5 MI W NEW LONDON
S002-215	UNN INLET TO GAMES LAKE, AT 53RD STREET, 6 MI E OF SUNBURG
S002-216	HUSE CK TO W NORWAY LK, 225TH ST NW, 5.1 MI E OF SUNBURG
S002-217	CD29 (BR DT) TO CD29 (MAIN BR), 210TH AVE N 3.3 MI E SUNBURG
S002-218	CD29 (MAIN BR) TO W NORWAY LK, AT 225TH ST NW 4 MI E SUNBURG
S002-219	TILE TO GAMES LAKE, WEST OF CR-5, 6.7 MI W-NW NEW LONDON
S002-220	UNN INLET TO GAMES LAKE, 1/4 MI SO OF MN-9, 7.2 MI E SUNBURG
S002-221	UNN OLT FROM GAMES LAKE ON CR-5, 7.2 MI W OF NEW LONDON
S002-222	NOR-PAI DITCH AT 189TH AVE NW, 7.3 MI SE OF SUNBURG
S002-223	CD29 (MAIN BR) TO W NORWAY LK, 225TH ST NW, 4.5 MI E SUNBURG
S002-224	LK TILE TO W NORWAY LK, SO OF 72ND ST NW 5.1 MI E-SE SUNBURG
S002-225	TILE DITCH TO COUNTY DT 27 MAIN BR AT CR-1, 5 MI SE SUNBURG
S002-226	WEST NORWAY LK, NORTH OF 72ND ST NW, 4.9 MI E-SE SUNBURG
S002-227	CHAN BTN L NORWAY LK-GAMES LK 1/2 MI W CSAH5 7 MI SE SUNBURG
S002-228	CD27 (MAIN BR) TO W NORWAY LK 195TH AVE NW 5.7 MI SE SUNBURG
S002-229	LK DITCH TO NORWAY LK, AT 189TH AVE NW, 7.4 MI W NEW LONDON
S002-230	NO LAT BR DT OF CD27 TO CD27 MAIN BR 173RD 4.2 MI SE SUNBURG
S002-231	SO LAT BR DT OF CD27 TO CD27 MAIN BR 173RD 4.3 MI SE SUNBURG
S002-232	LAKE DT TO LAKE ANDREW AT 16TH ST NE, 4.8 MI W-NW NEW LONDON

Project CWPSQRLK Square Lake Clean Water Partnership Project

Start Date 06/08/1998 **Planned Duration** Four years
Purpose Monitor the condition of Square Lake water quality.

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Assigned Stations

Station ID	Station Name
82-0046	SQUARE

Project CWPWATON Watonwan River Clean Water Partnership-Phase II

Start Date 01/01/2000 **Planned Duration** 12-31-2002

Purpose To monitor the Watonwan River for the Clean Water Partnership Project - Phase II

Assigned Stations

Station ID	Station Name
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S002-251	WATONWAN R, S FK ON CR-13, 3 MI SW OF MADELIA
S002-252	WATONWAN R ON UNN RD, 1 MI W OF CSAH-4, 4.5 MI W OF LASALLE
S002-253	WATONWAN R ON CR-16, 1 MI SE OF LASALLE
S002-254	WATONWAN R ON UNN ROAD, 1 MI W OF CR-6, 3.5 MI SE OF LASALLE

Project CWP_CHIP Chippewa River CWP Watershed Project

Start Date 03/01/1998 **Planned Duration** Long-term

Purpose To improve water quality and flooding problems within the Chippewa River watershed while promoting a healthy agricultural, industrial, and recreation-based economy for the region.

Study Area Chippewa River watershed

Obtain Plan MPCA Project Manager:
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MPCA Marshall Office
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Marshall, MN 56258
(507) 476-4267
katherine.pekarek-scott@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-898	OUTLET CK AT CSAH-14 5 MI SW OF STARBUCK
S001-861	SHAKOPEE CK AT CR 29, 10.5 MI N OF WILLMAR
S001-862	CHIPPEWA R AT CR 2, 3.5 MI E OF HANCOCK
S002-189	CHIPPEWA R AT CR-56 (SO. LK ALBERT OLT) 8.5 MI SW EVANSVILLE
S002-190	CHIPPEWA R AT 140TH ST, 7 MI N OF CYRUS
S002-191	LIL CHIPPEWA R AT CR-81, 4 MI W OF STARBUCK
S002-192	CHIPPEWA R AT CSAH-1, 6 MI NE OF HANCOCK
S002-193	CHIPPEWA R AT CSAH-22, 1 MI E OF CLONTARF
S002-194	E BR CHIPPEWA R, CSAH-28, 2 MI SO OF SWIFT FALLS
S002-195	JD #19 (ALSO MUD CREEK), CR-81, 3 MI E OF BENSON
S002-196	E BR CHIPPEWA R @ MN-29, 1.5 MI NE OF BENSON
S002-197	CD#29 (2ND CULVERT) ON CR-1, 4 MI E OF SUNBURG
S002-198	CD#27 ON CR-1 (TO W NORWAY LK), 5.4 MI SE OF SUNBURG
S002-199	SHAKOPEE CK AT CSAH-27 (SWAN LK OUTLET), 4 MI NO OF PENNOCK

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Station ID	Station Name
S002-200	SHAKOPEE CK, 70TH AVE NE (ABOVE SHAKOPEE LK) 7 MI S MURDOCK
S002-201	SHAKOPEE CK, AT UNN TOWNSHIP RD, 1 MI W MN-29, 8 MI S BENSON
S002-202	COTTONWOOD CK, SWIFT/CHIPPEWA CTY LINE 2.5 MI W BIG BEND CTY
S002-203	CHIPPEWA R, AT MN-40, 5.5 MI E OF MILAN
S002-204	DRY WEATHER CREEK, AT 85TH AVE NW, 4 MI NE OF WATSON
S002-205	SPRING CK AT MN-29, 1/2 MI N OF MONTEVIDEO
S002-206	JD #29 AT CR-1 (INLET W NORWAY LK, W SIDE RD) 5 MI E SUNBURG
S002-207	HUSE CK, CR-404 (62ND ST), INLET TO NORWAY LK 5 MI E SUNBURG
S002-208	UNN OLT FROM HENCHIEN LK AT CR-38, 5 MI W OF NEW LONDON
S002-209	SHAKOPEE CK S ANDREW RD AT LK ANDREW OLT 4.5 MI W NEW LONDON
S003-507	COUNTY DITCH #3 (JD #9) AT CR-75 BRIDGE, 4 MI SW OF BENSON
S003-768	LK EMILY OUTLET AT 375TH AVE, 4.7 MI E OF HANCOCK, MN
S004-705	LITTLE CHIPPEWA R AT MN-28, 4 MI W OF STARBUCK
S005-374	SHAKOPEE CK (SHAKOPEE LK INLT) 60TH AVE NE, 7 MI SW MURDOCK
S005-375	SHAKOPEE CK (SHAKOPEE LK OTLT) AT CHIP-SWIFT ST 7 MI MURDOCK

Project	CWP_RWR	Redwood River Clean Water Project
Start Date	04/01/1998	Planned Duration Long-term
Purpose	Condition monitoring-post Phase II Clean Water Partnership Fecal / Phosphorus TMDL Project - 8-14-2005 As of December 2004, Redwood River CWP (CWP_RWR) and Cottonwood River (COTTONWD) projects are associated with Program 'RCRCA'. CWLA Contract #B14885 --there is no new monitoring conducted under the TMDL. The sites are original sites and using existing data. The contract is used for modeling, report writing, and getting the TMDL completed.	
Study Area	Statewide	
Project Design	In regards to the Redwood and Cottonwood River composite samples for 2003/2004 The samples were taken by an automated sampler and taken at time intervals upon reaching a certain stage difference above the previous lowest stage.	
Obtain Plan	James Doering Redwood-Cottonwood Rivers Control Area 1241 East Bridge Street Redwood Falls, MN 56283 MPCA Project Manager: Mark Hanson Minnesota Pollution Control Agency MPCA Marshall Office 1420 E. College Drive, Suite 900 Marshall, MN 56258 507.476.4259	

Project Summary

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Obtain Plan mark.hanson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
41-0043	BENTON
64-0058	REDWOOD
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-696	REDWOOD R AT CSAH-15 IN RUSSELL
S001-199	REDWOOD R AT CR-73, 3.5 MILES SE OF GREEN VALLEY
S001-203	REDWOOD R AT TWP RD NR CR67 .5 MI NE OF MARSHALL
S001-679	REDWOOD R AT CSAH-17, 3 MILES SW OF REDWOOD FALLS
S002-311	CLEAR CK CR-56, 1/3 MI UPST CONFLU REDWD R, NE EDGE SEAFORTH
S002-312	THREE MILE CK AT CSAH-8, 3 MI SE OF GREEN VALLEY
S002-313	THREE MILE CK AT CR-67, 1 MI NO OF GREEN VALLEY
S002-314	COON CK AT CR-66, SO LINE SEC 14, 1.5 MI NW OF RUSSELL
S002-315	JD # 12 (TYLER CREEK) AT MN-23, 1 MI N OF FLORENCE
S003-702	REDWOOD R AT BRG 225TH AVE (OFF MN-19), 2 MI SW OF MARSHALL
S003-703	REDWOOD R AT BRG ON MN-23, 1/2 MILE SW OF RUSSELL

Project CWP_SHAOK Lake Shaokatan Clean Water Partnership Restoration Project

Start Date 01/01/1991 **Planned Duration** Long-term

Purpose Monitoring for water quality, diagnostics on presence of and amount of excess nutrients in the lake and its watershed.

Continued from "LEGSHA."

Study Area Shaokatan

Assigned Stations

Station ID	Station Name
41-0089	SHAOKOTAN
S002-255	UNN INLET TO L SHAOK. AT CSAH-15, 12 MI SW IVANHOE
S002-256	UNN INLET L SHAOK. AT GRVL RD E LN SECT 29, 12 MI SW IVANHOE
S002-257	DRAIN TILE INLET LK SHAOK 200M W PICNIC PT, 7.5 MI W IVANHOE
S002-258	YELLOW MED R OUTLET L SHAOK UPST SIDE DAM, 6.5 MI SW IVANHOE
S002-259	DRAIN TILE INL L SHAOK. SWQ/S24, 7 MI SW IVANHOE
S002-260	UNN INLET L SHAOK. SWQ S32, 13 MI SW IVANHOE
S002-261	DRAIN TILE INL L SHAOK AT EIDEM FARM SEC 22, 9 MI SW IVANHOE
S002-262	W DRAIN TILE INLET L SHAOK S24 SEQ/NEQ/NWQ, 7 MI SW IVANHOE
S002-263	E DRAIN TILE INLET L SHAOK. S24 SEQ/NEQ/NWQ, 7 MI SW IVANHOE
S002-264	UN TRIB AT 36 CULV E LN S29, 11 MI. SW IVANHOE
S002-265	UNN TRIB AT RD ON E LN S32, 12.5 MI SW IVANHOE

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Station ID	Station Name
S002-266	UNN STREAM AT W CULVERT ON S LN SECT. 5, 14 MI SW IVANHOE
S002-267	UNN STREAM AT E CULVERT ON S LN SECT. 5, 14 MI SW IVANHOE
S002-268	UNN TRIB AT RD ON S LN S21, 10.5 MI SW IVANHOE
S002-269	DRAIN TILE OTL T RD 800' UPST INLET L SHAO 7.5 MI SW IVANHOE
S002-270	DRAIN TILE SITE UPST OF SHA-3A, 8 MI SW IVANHOE
S002-271	DRAIN TILE SITE UPST OF SHA-3B, 8 MI SW IVANHOE
S002-272	DRAIN TILE SITE UPST OF SHA-3C, 8 MI SW IVANHOE
S002-273	DRAIN TILE UPST OF SHA-3D, 8 MI SW IVANHOE
S002-394	UNN TRIB ON CSAH-15, SO LINE SECTION 28, 11.5 MI SW IVANHOE
S002-395	UNN INLET TO LK SHAOKATAN (SOUTHERN EDGE) 11 MI SW IVANHOE
S002-396	UNN INLET TO LK SHAOKATAN (SO SIDE OF LAKE) 11 MI SW IVANHOE

Project CWP_YM Greater Yellow Medicine River Clean Water Partnership Pha II

Start Date 03/31/2001 **Planned Duration** 03-31-2008

Purpose Monitoring for water quality, diagnostics on presence of and amount of excess nutrients in the river, main stream and tributaries.
The focus and priary intent of this project is to advance the current understanding of the cause-effect mechanisms relating the watershed land use practices to the rivers water quality (project establishment form update: June 29, 2005).

Study Area Greater Yellow Medicine River

Obtain Plan yellow000@centurytel.net (3-30-2006)

Assigned Stations

Station ID	Station Name
S002-316	YELLOW MED R, 1 1/3 MI NO CSAH-18, 5 1/4 MI NE HANLEY FALLS
S002-317	YELLOW MED R ON CSAH-18, 4 MI W OF HANLEY FALLS
S002-318	SPRING CK, 1/4 MI NO OF CSAH-3, 3 3/4 MI NW OF HANLEY FALLS
S002-319	JD #17 ON CSAH-18, 1 MI W OF HANLEY FALLS
S002-320	SO BR YELLOW MEDICINE R ON CSAH-26, 4 MI N MINNEOTA
S002-321	MUD CK JUST SO. OF CSAH-27 ON UNN ST, 5 1/2 MI N OF MINNEOTA
S002-322	N BR YELLOW MED, CR-116, 1/2 MI N MN-68, 2 3/4 MI NW TAUNTON
S002-323	YELL MED R, BRG MIN MAIN RD, 1/4 MI E CSAH-8, 2 MI W TAUNTON

Project DARLA Dunns and Richardson Lakes Phase I Study

Start Date 03/23/1999 **Planned Duration** 4 years

Purpose CWP Study

Project Summary

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Project Design Sample Collection Methods: Kemmerer, 0-2 M composite, grab
Field Measurements: DO, Cond, Temp with YSI 57

Obtain Plan Roger Ramthun
MPCA
520 Lafayette Road
St. Paul, MN 55155
roger.ramthun@pca.state.mn.us
651-296-9262

Assigned Stations

Station ID	Station Name
47-0082	DUNNS
47-0088	RICHARDSON
S003-927	CD-35 AT CSAH-11, 3.9 MI NE OF LITCHFIELD, MN
S003-928	CD-35 AT US-12, 3.6 MI SE OF LITCHFIELD, MN
S003-929	CD-35 AT 655TH AVE, 3.6 MI W OF LITCHFIELD, MN
S003-930	CD-35 AT 655TH AVE, 3.6 MI W OF LITCHFIELD, MN
S003-931	DUNNS L OUTLET AT 288TH ST, 5.3 MI NE OF LITCHFIELD, MN
S003-932	CD-35 AT LEVOWSKI DR, 4.4 MI NE OF LITCHFIELD, MN

Project DASSEL City of Dassel Lake Monitoring Program

Start Date 05/01/2003 **Planned Duration** Ongoing

Purpose Condition monitoring

Laboratory Information: MVTL

Study Area Spring and Long Lakes in Dassel

Project Design Sample Collection Methods: Integrated sampler

Field Measurements: Secchi transparency

Assigned Stations

Station ID	Station Name
47-0026	LONG
47-0032	SPRING

Project DIAMLK-L Diamond Lake TMDL

Start Date 02/12/2008 **Planned Duration** 3 Years

Purpose Locate nutrient loading sources for Diamond Lake. MPCA funding through CWLA.

Study Area Diamond Lake and surrounding watershed.

Project Design Laboratory Name: RMB Environmental Laboratories, Inc.

Field Procedure Information:

Sample collection method and gear - Composite with 2m PVC pipe; Grab with Van Doren; Grab with rod.

Field Measurements - Temp., cond., DO, pH, turb. with YSI; transparency with t-tube and Secchi disk.

Turbidimeter make and model - YSI 6136.

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Project Design Gage Type - Staff, bridge down.
Probe make and model - YSI 6820-C-O.
Hobo rain gage. Stilling well, pressure transducer, campbell, pressure transducer global logger, agriflo doppler.

Obtain Plan Local project coordinator:
Chad Anderson
MFCRWD
174 Lake Ave. N., Suite 2, P.O. Box 8
Spicer, MN 56288

Assigned Stations

Station ID	Station Name
34-0044	DIAMOND
34-0049	SCHULTZ
34-0051	WHEELER
S003-492	DIAMOND LK INLET AT CSAH 4, 4.5 MI NW OF ATWATER
S003-494	DIAMOND LK INLET AT CSAH 4, 5.5 MI NW OF ATWATER
S003-495	DIAMOND LK INLET FROM HUBBARD LK, 3.5 MI NW OF ATWATER
S003-496	DIAMOND LK OUTLET AT CR-137, 4.5 MI N OF ATWATER
S005-097	UNN STR INLET ON 180TH ST NE, 2.6 MI N OF ATWATER, MN
S005-098	UNN STR INLET AT CR-137, 2.3 MI NW OF ATWATER, MN

Project DIAMOND Diamond Lake

Start Date 08/01/1992 **Planned Duration** Long-term
Purpose Post Phase I and lake condition and inflow data.

1/29/08: Project Manager changed from Roger Ramthun to Margaret Leach.

Assigned Stations

Station ID	Station Name
34-0044	DIAMOND
S003-492	DIAMOND LK INLET AT CSAH 4, 4.5 MI NW OF ATWATER
S003-493	DIAMOND LK INLET AT CSAH 4, 5 MI NW OF ATWATER
S003-494	DIAMOND LK INLET AT CSAH 4, 5.5 MI NW OF ATWATER
S003-495	DIAMOND LK INLET FROM HUBBARD LK, 3.5 MI NW OF ATWATER
S003-496	DIAMOND LK OUTLET AT CR-137, 4.5 MI N OF ATWATER

Project DNRFCSMS DNR Fish Community Surveys at Twin Cities Metro Streams

Start Date 01/01/1998 **Planned Duration** Through 2001
Purpose This project is a Minnesota Department of Natural Resources survey to gain knowledge of fish communities in rarely-studied urban streams and document their status.

Study Area Twin Cities metropolitan area

Project DNRLAKES DNR Shallow Lakes Monitoring Program

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Start Date 01/01/1965 **Planned Duration** Ongoing
Purpose Water quality data collected by DNR Wildlife, Eco services or fisheries staff.
Study Area Shallow lakes in Minnesota.
Project Design Sample Collection Methods and Gear: Grab
Field Measurements: Multiparameter sonde and secchi disk.
Laboratory Name: Minnesota Department of Agriculture

Assigned Stations

Station ID	Station Name
21-0375	CHRISTINA

Project DOUGLS-S Douglas County SWCD Citizen Lk Monitoring Program (SWAG)

Start Date 05/01/2008 **Planned Duration** 2 years
Purpose Lake Condition
Grants Contract ID B12438
Surface Water Assessment Grant

Study Area Aaron 21-0242 202
Freeborn 21-0162 201
Gilbert 21-0189 201
Jessie 21-0055 201
Little Chippewa 21-0212 201
Little Oscar 21-0156-01 201
Lottie (Taylor) 21-0105 201
Louise 21-0094 201
Mill 21-0180 201
Moses 21-0245 201
North Union 21-0095 201
Pocket (Van Loons) 21-0140 202
South Oscar 21-0257-02 202
Stony 21-0101 201
Stowe 21-0264 204

Project Design Sample Medium: water column
Lab: RMB Environmental Labs, Detroit Lakes
Field Procedure Information:
Sample Collection Method(s) and Gear(s): integrated sampling tube

Obtain Plan Emily Siira
Douglas County Soil and Water Conservation District
900 Robert Street, Suite 102
Alexandria, MN 56308
(320) 763-3191 Ext. 3
emily.siira@mn.nacdnet.net

MPCA Project Manager:
Johanna Schussler
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-282-6411
johanna.schussler@pca.state.mn.us

Assigned Stations

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Station ID	Station Name
21-0055	JESSIE
21-0094	LOUISE
21-0095	NORTH UNION
21-0101	STONEY
21-0105	LOTTIE (TAYLOR)
21-0140	POCKET (VAN LOONS)
21-0156-01	LITTLE OSCAR (MAIN)
21-0162	FREEBORN
21-0180	MILL
21-0189	GILBERT
21-0212	LITTLE CHIPPEWA
21-0242	AARON
21-0245	MOSES
21-0257-02	SOUTH OSCAR
21-0264	STOWE

Project DUCK_L Duck Lake Water Quality Improvement Project (a CWP)

Start Date 01/01/2000 **Planned Duration** 12-31-2000

Purpose Duck Lake Water Quality Improvement Clean Water Partnership Project is designed for condition and effectiveness monitoring. CSMP and CLMP data may be associated.

Study Area Deepest point in Duck Lake of Blue Earth County.

Project Design See Duck Lake Quality Improvement Project Final Report and Implementation Plan, by Beth Proctor, Minnesota State University - Mankato, 2002.

Mankato State University analyzes samples obtained by the Van Dorn sampler.

Assigned Stations

Station ID	Station Name
07-0053	DUCK

Project EAGLELK Eagle Lake Improvement Association

Start Date 04/01/2000 **Planned Duration** Ongoing

Purpose Condition Monitoring.

This project also submits data via CLMP with secchi disk, physical and recreational conditions for Eagle Lake. CSMP with t tube, appearance, recreational suitability, rain event, and stream stage.

Study Area Statewide

Project Design Field Procedure Information: Grab samples using a plastic container to gather samples. Our monitoring plan is to monitor rain and no rain events up to 5-6 times per year.

Sample Collection Method(s) and Gear(s): Grab samples.

Field Measurements - Methods and Instrumentation: T-tube that measures up to 60 centimeters.

Project Summary

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Project Design Laboratory: Eco-AgriLaboratories, ERA Laboratories, Inc. and MVTL Laboratories, Inc.

Obtain Plan Eagle Lake Improvement Association
 Project Coordinator: Glen Simons
 6055 24th Street, NE
 Willmar, MN 56201
 320-894-6849
 gwsimons@charter.net

Assigned Stations

Station ID	Station Name
34-0171	EAGLE
S001-811	UNN TRIB TO EAGLE LK (HALVR SLOUGH) AT CR-9, 5 MI NE WILLMAR
S004-399	UNN STR INLET TO SE SLOUGH AT 47TH AVE, 5 MI NE WILLMAR
S004-400	UNN STR TO SE SLOUGH, CSAH-9 CULVERT, 5 MI NE OF WILLMAR
S004-401	UNN STR AT CSAH-26 EAST (WITHIN SWANSON WPA) 6 MI NE WILLMAR
S004-402	UNN STR INLT TO HALVORSON SLOUGH CSAH-26 MID 5.75 NE WILLMAR
S004-403	UNN STR INLT HALVORSON SLOUGH CSAH-26 WEST 5.5 MI NE WILLMAR
S004-404	UNN STR INLT SE SLOUGH ALNG SHRLINE EAGLE LK 5 MI NE WILLMAR
S004-405	UNN STR (LAWLER) TO EAST SIDE EAGLE LK 5 1/4 MI NE WILLMAR

Project EGNT2CBI Eagles Nest Lake No. 2 cyanobacteria Investigation

Start Date 06/01/2008 **Planned Duration** 1-2 Years

Purpose Problem Investigation due to a citizen complaint last year identifying a massive algae bloom in the lake. Samples of the algae were collected and sent to MPCA to analyze. Algae in question was thought to be a red algae, but more intense study and collection was deemed necessary to fully scope the problem.

Study Area Eagles Nest Lake No. 2

Project Design Laboratory: MDH Lab

Field Procedure Information:

Sample Collection Method and Gear - Grab with Kemmerer; zooplankton tows with zoo net.
 Field Measurements - Methods and Instrumentation - temp, pH, DO, sp. cond., turb. with YSI Sonde; clarity with secchi disc.
 Turbidimeter - make and model - YSI 6136
 Probe - make and model - YSI 6820 V2 Sonde

Obtain Plan Citation for Project Plan:

Eagles Nest #2 Cyanobacteria Investigatin Workplan and QAP
 Author - Nolan Baratono/Gerald Blaha

Assigned Stations

Station ID	Station Name
69-0285-02	EAGLES NEST #2

Project ELKR-L Elk River TMDL

Project Summary

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Start Date 08/04/2008 **Planned Duration** 3 years

Purpose Problem Investigation

Study Area Elk River, Mayhew Lake and Big Elk Lake

Project Design Lab: MVTL

Sample Collection Method and Gear: Grab with vandoren or sample rod.

Field Measurements-Methods and Instrumentation: Transparency with t-tube, pH, spec cond, temp, turbidity, DO with YSI Sonde.

Turbidimeter Make and Model: YSI Sonde

Probe Make and Model: YSI 6136

Obtain Plan

Citation:

Title: Elk River Watershed Association TMDL Studies, Phases I-III, 2008-2010.

Author: Rebecca Kluckhohn

Publishing Organization: Wenck Associates, Inc.

Publication Year: 2008

Assigned Stations

Station ID	Station Name
S001-522	ELK R AT CSAH-16 BRG, 2.5 MI N OF CLEAR LAKE
S001-526	ELK R AT CR-53/CR-54 BRG, 3 MI E OF CLEAR LAKE
S002-946	MAYHEW CK AT CSAH 8, 4.5 MI E OF ST. CLOUD, MN

Project ELK_PHOS Elk River Watershed Phosphorus Reduction 319 Project

Start Date 05/03/2005 **Planned Duration** 2 years

Document/Graphic ERWS FC QAPP

[Document/Graphic](#)

Purpose The goal of this monitoring program is to determine if stream reaches immediately upstream from Lake Orono meet the fecal coliform criteria for placement on the 303d list. Fecal coliform data from 2002 and 2003 has been used to determine the priority reaches to be monitored. This program will not duplicate the MPCA's on-going monitoring in the watershed but will select reaches and significant tributaries not currently monitored.

Study Area Elk River and it's tributaries. Significant tributaries of the Elk are: Mayhew Creek, Rice Creek, Snake River, St. Francis River and Tibbits Brook.

Project Design Sample Collection Method(s) and Gear(s):
Grab sample. Sample taken in sterile container attached to weighted line.
Field Measurements - Methods and Instrumentation.
Dissolved Oxygen and Temperature with YSI Model 55 Dissolved Oxygen and Temperature meter.

Laboratory Information: Water Laboratories, Inc. 333 East Main Street, P.O. Box 388, Elk River, MN 55330.

Obtain Plan Basiletti, Mark. "Elk River Watershed Stream Monitoring Quality Assurance Project Plan." Sherburne Soil and Water Conservation District, 2005. 1(1).

Quality Assurance "The Standard Operating Procedure and Quality Assurance/Quality Control Plan developed for this program will follow the requirements for data to be used for 303d assessments as outlined in the Volunteer Surface Water Monitoring Guide, 2003 published by the Minnesota Pollution Control Agency. Data quality for fecal coliform bacteria will be evaluated based on a maximum expected relative percent difference of 30% for field duplicates. For dissolved oxygen, the maximum expected difference for field duplicates is 0.1 mg/L. For temperature the maximum expected difference for field duplicates is 0.3 C."

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Quality Assurance 'Lab analysis for fecal coliform bacteria will follow EPA Standard Methods, 18th ed. method 9222D. The lab contracted for this program should be certified to perform fecal coliform bacteria analysis for the CWP (Clean Water Partnership) by the MN Department of Health."

-Excerpt from "Elk River Watershed Stream Monitoring Quality Assurance Project Plan," Mark Basiletti, pg. 2.

Assigned Stations

Station ID	Station Name
71-0141	ELK (BIG ELK)
71-0145	JULIA
71-0146	BRIGGS
71-0147	RUSH
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S001-518	BRIGGS CK NEAR 42ND ST CULVERT, 5 MI NE OF CLEAR LAKE
S001-519	BRIGGS CK AT 42ND ST CULVERT, 5 MI NE OF CLEAR LAKE
S001-524	ELK R AT CSAH-6 BRG, 2.5 MI NE OF CLEAR LAKE
S001-525	UNN TRIB TO ELK LK AT CSAH-16 BRG, 3 MI NE OF CLEAR LAKE
S001-526	ELK R AT CR-53/CR-54 BRG, 3 MI E OF CLEAR LAKE
S002-046	ELK R AT CSAH-23 BRG, 2 MI N OF BECKER
S002-404	ELK R, AT DOCK AT 7290 107TH LANE, 3.1 MI NE OF CLEAR LAKE
S002-407	UNN TRIB TO ELK LK AT CR-55, 2.4 MI NE OF CLEAR LK, MN
S002-410	UNN OUTLT FRM BRIGGS LK AT CSAH 16, 3.5 MI NE OF CLEAR LK,MN
S002-485	ST. FRANCIS R AT CSAH-11, JUST NW OF BRG, JUST N OF SANTIAGO
S002-946	MAYHEW CK AT CSAH 8, 4.5 MI E OF ST. CLOUD, MN
S003-003	TIBBITS BROOK AT CR-35
S003-686	ELK R AT CSAH-11, 2.5 MI SW OF BECKER, MN
S003-817	UNN TRIB TO LK JULIA AT 42ND ST, 6 MI NE OF CLEAR LAKE, MN
S004-068	ELK R, INLET TO ELK LK, 3 MI NE OF CLEAR LK, MN
S004-069	UNN TRIB TO ELK LK, 2.5 MI NE OF CLEAR LK, MN
S004-503	ELK R AT MN-95 BRG, 6 MI E NE OF ST. CLOUD, MN

Project ELMRD-S Elm, Rush and Diamond Creek Stream Monitoring Project (CWLA)

Start Date 02/01/2007 **Planned Duration** 2 years

Purpose Stream water quality monitoring/assessment
CWLA project, funding starting in 2007

Project Design Sample Collection Methods: Grab samples for bacteria and nutrient analysis, YSI data logger and sonde, macroinvertebrates collection with D-frame net, turbidity tube.

Field Measurements: DO, pH, specific conductivity and temp with YSI sonde, clarity with turbidity tube.

Turbidimeter Make and Model: Probe Make and Model: YSI 600XL sonde

Lab Information:

Three Rivers Park District
12615 County Road 9
Plymouth, MN 55441
Contact Name: John Barten

Project Summary

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Project Design 763-694-7841
jbarten@threeriversparkdistrict.org

Obtain Plan Citation for Plan:

John Barten
Three Rivers Park District
12615 County Road 9
Plymouth, MN 55441
763-694-7841
jbarten@threeriversparkdistrict.org

Assigned Stations

Station ID	Station Name
S004-536	DIAMOND CK AT ZANZIBAR LANE BRG IN DAYTON
S004-537	DIAMOND CK AT CULVERT UNDER S DIAMOND LK RD IN DAYTON
S004-538	DIAMOND CK AT PAVED BIKE TR ON N END OF ELM CK PK IN DAYTON
S004-539	RUSH CK AT TERRITORIAL RD BRG IN MAPLE GROVE
S004-540	RUSH CK AT CSAH-116 IN HASSAN TWSP, 2.5 MI S OF ROGERS
S004-541	RUSH CK AT TRAIL HAVEN RD IN CORCORAN
S004-542	RUSH CK, SF AT BROCTON LN N IN CORCORAN
S004-543	ELM CK AT BRG ON MEDICINE LK REGIONAL TRAIL OFF 77TH ST
S004-544	ELM CK AT ELM RD BRG IN MAPLE GROVE
S004-545	ELM CK AT SIOUX DR CULVERT IN HAMEL
S005-338	ELM CK AT TERRITORIAL RD JUST N OF CSAH-81 IN MAPLE GROVE

Project EPABEACH EPA Beaches Program

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B001	Beach: Lk Sup St. Louis R Est, Boy Scout Landing, New Duluth
16-0001-B002	Beach: Lk Sup St. Louis R Est, Clyde Av Landing, Smithville
16-0001-B003	Beach: Lk Sup, Park Point at Beach House in Duluth
16-0001-B004	Beach: Lk Sup St. Louis Bay, Pk Point, Sky Harbor Lot Duluth
16-0001-B005	Beach: Lk Sup, Park Point, Lafayette Community Club, Duluth
16-0001-B006	Beach: Lk Sup, Park Point at 13th Street in Duluth
16-0001-B007	Beach: Lk Sup St. Louis Bay, Pk Pt Boat Club/14th St, Duluth
16-0001-B008	Beach: Lk Sup, Duluth Lk Walk Rest Rooms, Canal Pk, Duluth
16-0001-B009	Beach: Lk Sup, Leif Erikson Park in Duluth
16-0001-B010	Beach: Lk Sup, 42nd Avenue in Duluth

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Station ID	Station Name
16-0001-B011	Beach: Lk Sup, Lester R Mouth in Duluth
16-0001-B012	Beach: Lk Sup, Brighton Beach (Kitchi Gammi Pk) in Duluth
16-0001-B013	Beach: Lk Sup, French R Mouth NE of Duluth
16-0001-B014	Beach: Lk Sup, Bluebird Landing NE of Duluth
16-0001-B015	Beach: Lk Sup, Stony Point NE of Duluth
16-0001-B016	Beach: Lk Sup, Burlington Bay in Two Harbors
16-0001-B017	Beach: Lk Sup, Flood Bay 1 mi NE of Two Harbors
16-0001-B018	Beach: Lk Sup, Stewart R Mouth 3 mi NE of Two Harbors
16-0001-B019	Beach: Lk Sup, Gooseberry Falls St Pk 13 mi NE Two Harbors
16-0001-B020	Beach: Lk Sup, Twin Points Pub Access 15 mi NE Two Harbors
16-0001-B021	Beach: Lk Sup, Split Rock R Mouth 16.5 mi NE of Two Harbors
16-0001-B022	Beach: Lk Sup, Split Rock Lthouse St Pk 20 mi NE Two Harbors
16-0001-B023	Beach: Lk Sup, Silver Bay Marina in Silver Bay
16-0001-B024	Beach: Lk Sup, Tettegouche St Pk 4.5 mi NE of Silver Bay
16-0001-B025	Beach: Lk Sup, Sugarloaf Cove 4.5 mi SW of Schroeder
16-0001-B026	Beach: Lk Sup, Schroeder Town Park in Schroeder
16-0001-B027	Beach: Lk Sup, Temperance R St Pk 1 mi NE of Schroeder
16-0001-B028	Beach: Lk Sup, Cutface Ck Wayside 5 mi SW of Grand Marais
16-0001-B029	Beach: Lk Sup, Grand Marais Campground in Grand Marais
16-0001-B030	Beach: Lk Sup, Grand Marais Downtown/Marina in Grand Marais
16-0001-B031	Beach: Lk Sup, Old Shore Road NE of Grand Marais
16-0001-B032	Beach: Lk Sup, Durfee Ck Mouth NE of Grand Marais
16-0001-B033	Beach: Lk Sup, Kadunce Ck Mouth 8 mi NE of Grand Marais
16-0001-B034	Beach: Lk Sup, Paradise Beach NE of Grand Marais
16-0001-B035	Beach: Lk Sup, Knife R Marina SW of Two Harbors
16-0001-B036	Beach: Lk Sup, Park Point, Southworth Marsh, Duluth
16-0001-B037	Beach: Lk Sup, St Louis Bay, Pk Pt 20th St/Hearing Is, Dlth
16-0001-B038	Beach: Lk Sup, Duluth Lakewalk East/16th Ave E, Duluth
16-0001-B039	Beach: Lk Sup, Agate Bay at Boat Landing in Two Harbors
16-0001-B078	Beach: Lk Sup, Chicago Bay Boat Landing

Project FANNSKOG Fannie and Skogman Lake Associations Monitoring

Start Date 06/01/2006 **Planned Duration** 1 year

Purpose Condition

Project Design Sample Collection Methods: Integrated sampler

Field Measurements: Secchi

Obtain Plan Citation for Plan:

Steve Heiskary
MPCA
520 Lafayette Road
St. Paul, MN 55155
651/296-7217
steven.heiskary@pca.state.mn.us

Project Summary

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Assigned Stations

Station ID	Station Name
30-0022	SKOGMAN
30-0043	FANNIE

Project FARGOMOR FM River (Fargo ND-Moorhead MN EPA Region 8 EMPACT Project)

Start Date 07/01/2001 **Planned Duration** Long-term

Purpose Provide communities of Fargo, ND and Moorhead with timely information on quality of water in the Red River

Study Area Fargo, ND / Moorhead, MN

Assigned Stations

Station ID	Station Name
S002-097	RED RIVER OF THE NORTH AT CR-26, 7 MI N OF FARGO/MOORHEAD
S002-114	RED R ON CR-8, 9 MI SO OF MOORHEAD, MN & FARGO, NORTH DAKOTA
S002-116	RED R ON FIRST AVE NO. BRG IN MOORHEAD, MN/FARGO, ND

Project FARMORED Moorhead-Fargo Red R Mainstream Fecal and Turbidity TMDL

Start Date 12/31/2002 **Planned Duration** 06-30-2005

Purpose To verify impairments, calculate TMDLs and develop implementation strategies for the impaired reaches as required by Section 303 of the Federal Clean Water Act.

FARMORED will be using the Red Lake Watershed District SOP on <www.redlakewatershed.org/h2oquality.html>.

Project Design Dissolved oxygen, temperature, specific conductivity, turbidity and pH will be measured with a YSI 6600 Sonde.

Obtain Plan Data will be summarized in a TMDL report by the Red River Basin Commission (RRBC).

FARMORED will be using the Red Lake Watershed District SOP on <www.redlakewatershed.org/h2oquality.html>.

Quality Assurance FARMORED will be using the Red Lake Watershed District SOP on <www.redlakewatershed.org/h2oquality.html>.

Assigned Stations

Station ID	Station Name
S000-011	RED RIVER W.W. INTAKE AT FARGO
S000-219	RED RIVER CSAH-22 BY MOORHEAD
S002-097	RED RIVER OF THE NORTH AT CR-26, 7 MI N OF FARGO/MOORHEAD
S002-114	RED R ON CR-8, 9 MI SO OF MOORHEAD, MN & FARGO, NORTH DAKOTA
S002-116	RED R ON FIRST AVE NO. BRG IN MOORHEAD, MN/FARGO, ND
S003-657	RED R OF N BELOW CONFLUENCE W WILD RICE R , 7.5 M S MOORHEAD
S003-658	RED R OF N E OF 76TH AVE S, 6.1 MI S OF MOORHEAD, MN
S003-659	RED R OF N AT UNN TRIB, 3.4 MI S OF MOORHEAD, MN
S003-660	RED R OF N AT 12TH AVE S, IN MOORHEAD, MN

Project Summary

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Station ID	Station Name
S003-661	RED R OF N AT 15TH AVE N, IN MOORHEAD, MN
S003-662	RED R OF N AT 60TH AVE SW, 4.1 MI S OF MOORHEAD, MN
S003-933	WILD RICE R AT CR-65, 3.3 MI WNW OF RUSTAD, MN

Project FILLSWCD Fillmore SWCD Stream Monitoring

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Monitoring Fillmore County Streams

2/5/08: Project manager changed from Lee Ganske to Shaina Keseley.

Assigned Stations

Station ID	Station Name
S000-930	RICEFORD CK IN T101N/R7W/S30/NWQ 2 MI E OF MABEL
S001-322	FORESTVILLE CK, FORESTVILLE ST PK
S001-323	CANFIELD CK, FORESTVILLE STATE PARK
S001-393	S BR ROOT R 2 MI ENE OF AMHERST
S001-406	GRIBBEN CK AT MN-16 0.4 MI E OF WHALAN
S003-383	SPRING VALLY CK JUST S OF CSAH 8, 1.5 MI SW OF FILLMORE
S003-384	BEAR CK AT CSAH 38, 3.5 MILES NW OF FILLMORE
S003-385	CARSON CK AT CSAH 5, 3 MILES N OF FILLMORE
S003-386	UNN TRIB (LOST CK) AT CSAH 5, 2.5 MI S OF CHATFIELD
S003-387	RICE CK AT UNN RD JUST N OF CSAH 6, 4.5 MI SE OF CHATFIELD
S003-388	WATSON CK AT CSAH 17, 3 MI NE OF PRESTON
S003-389	UNN TRIB (MAHONEY CK) E OF CSAH 21, 4 MI NW OF LANESBORO
S003-390	TORKELSON CK AT UNN RD, 4 MI N OF LANESBORO
S003-391	DIAMOND CK AT MN-16 BRG, 4.5 MI NE OF LANESBORO
S003-392	UNN TRIB (CAMP HAYWARD CK) AT MN-16 BR 4.5 MI SW OF RUSHFORD
S003-393	BIG SPRINGS CK AT CR-23 BRG, 6 MI NE OF LANESBORO
S003-394	RAAEN CK AT CR-23 BIKE BRG, 5 MI NE OF LANESBORO
S003-395	WISL CK JUST S OF CSAH 18, 5.5 MI NW OF MABEL
S003-396	UNN TRIB OF S FK ROOT R AT CR-23, 6.5 MI NE OF CANTON
S003-397	SHATTUCK CK AT UNN RD, 7.5 MI SE OF LANESBORO
S003-398	UNN TRIB AT MN-43, 1 MI N OF CHOICE
S003-399	CAMP CK JUST S OF CSAH 12, 1 MI E OF PRESTON
S003-400	WILLOW CK AT CSAH 12 BRG, 1 MI SW OF PRESTON
S003-401	UNN TRIB (CARIMONA) AT CSAH 12, 3.5 MI SW OF PRESTON
S003-402	DUSCHEE CK AT MN-16 BRG, 1 MI SW OF LANESBORO
S003-403	TROUT RUN CK JUST N OF MN-30 AT BUCKSNORT DAM
S004-123	ROOT R, SF AT CSAH-13 AT CHOICE
S004-124	UNN STR AT CONFLUENCE WITH SHATTUCK CR, 1.5 MI S OF HIGHLAND
S004-125	SHATTUCK CR ON UNN RD, 1.5 MI S OF HIGHLAND

FISHCNTM Fish Contaminant Studies

Project Summary

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Project Start Date 01/01/1967 Planned Duration Unspecified
Purpose Unspecified

Assigned Stations

Station ID	Station Name
07-0047	GEORGE
07-0053	DUCK
19-0065	HOLLAND
21-0079	MAPLE
27-0016	HARRIET
27-0031	CALHOUN
29-0043	SHINGOBEE
34-0116	HENDERSON
38-0231	TETAGOUCHE
38-0232	NIPISQUIT
62-0007	GERVAIS
73-0092	SAGATAGAN
73-0097	KREIGHLE
82-0115	TANNERS

Project FISHKILL Fish Kill Investigation

Start Date 01/01/1967 **Planned Duration** Long-term
Purpose Fish Kill Investigation sampled in connection with fish kill incident.

Study Area Statewide

Assigned Stations

Station ID	Station Name
86-0188	EMMA
86-0190	ANN
S000-115	ROSEAU RIVER CR-53 AT CARIBOU
S000-116	ROSEAU RIVER AT BRIDGE ON CSAH-2 AT MALUNG
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-472	EMBARRASS R AT HWY 135 BR, 3 MI SW OF EMBARRASS
S001-497	PIKE RIVER FLOWAGE AT SH-1, 4.5 MI W OF TOWER
S001-618	CD #10 AT 90TH ST SW RD XING (AKA CSAH-30), 0.5 MI N RICE LK
S001-620	CO DITCH NO 10, 2.5 MI SE OF HOWARD LK
S001-621	CO DTCH NO 10 AT CSAH-5 BRG, 1.5 MI NE OF RICE LK
S001-676	PIKE RIVER AT HWY 169 BRIDGE, 12 MILES SW OF TOWER, MN
S001-681	SAND RIIVER AT CR 303 BRIDGE, 6 MI SE OF BRITT
S001-682	SAND R AT USHWY 53 BRIDGE, 3 MI SW OF BRITT
S003-249	SAND R AT US HWY 169 CROSSING, 4.5 MI E OF BRITT, MN
S003-460	CD #10 AT CROSSING OF INGRAM AVE/90TH, 2.5 MI SE HOWARD LAKE
S003-461	TRIB TO NO FORK CROW R AT CSAH-14 BRG XING, 3 MI NW DELANO
S003-484	SAUK RIVER AT CSAH-75 BRIDGE CROSSING IN WAITE PARK

Project Summary

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Project FLAHERTY Lake Flaherty Water Quality Analysis

Start Date 06/20/2007 **Planned Duration** 2 years

Purpose condition monitoring

Study Area Lake Flaherty (32-0045) Site 3901

Project Design Field Procedure Information:
Sample Collection Method(s) and Gear(s): integrated sampler
Field Measurements - Methods and Instrumentation: pH, YSI dissolved oxygen meter

Sample Medium: Water Column

Laboratory: MVTL, New Ulm

Obtain Plan Ross Behrends
Heron Lake Watershed District
PO Box 345
Heron Lake, MN 56137
507-793-2462
ross.behrends@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
32-0045	FLAHERTY

Project FLORIAN Florian Reservoir Condition Monitoring

Start Date 05/28/2008 **Planned Duration** ongoing

Purpose Condition Monitoring of Florian Reservoir

Study Area Florian Reservoir of the Tamarac River
Unnamed (Florian Rsr) 45-0119, Site201

Project Design Sample Medium: water

Lab: RMB Environmental Laboratories, Inc., Detroit Lakes

Field Procedure Information:
Sample Collection Method(s) and Gear(s): integrated sampler
Field Measurements: water temp, pH, spec. cond, TDS, DO with Sonde and transparency with Secchi disk.

Probe Make and Model: YSI 600 XL

Obtain Plan Jan Kaspari
Marshall County Water and Land Office
208 E. Colvin Avenue, Suite 3
Warren, MN 56762
(218) 745-4217
jan.kaspari@co.marshall.mn.us

MPCA Project Manager:
Bruce Paakh
Minnesota Pollution Control Agency
Detroit Lakes Office
714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-0747
bruce.paakh@pca.state.mn.us

Assigned Stations

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Station ID 45-0119	Station Name UNNAMED (FLORIAN RSR)
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Project FLUTE-S Flute Reed Partnership Surface Water Assessment Grant

Start Date 03/15/2008 **Planned Duration** 2 years

Purpose Condition CWLA

Study Area Flute Reed River

Project Design Sample Collection Method: Grab samples taken from bucket.
Total Phosphorus, Ortho-Phosphorus, Ammonia Nitrogen, Nitrate + Nitrite Nitrogen, Total Nitrogen (calculation), Chloride, Total Suspended Solids, and Turbidity.

Field Measurements:
YSI multiprobe: pH, spec. cond., temp., DO, and turbidity.
T-tube: Transparency
Tidbit V2: Continuous temperature probes deployed in river.

Turbidimeter Make and Model: Sonde (YSI 6820V2) and Display (650 MDS)

Obtain Plan Rick Schubert
Flute Reed Partnership
4754 Chicago Bay Rd.
Hovland, MN 55606

Assigned Stations

Station ID	Station Name
S004-235	FLUTE REED R AT CAMP 20 RD, 2.5 MI NW OF HOVLAND
S004-277	FLUTE REED R AT CAMP 20 RD, 4 3/4 MI NW OF HOVLAND
S004-278	FLUTE REED R, NEAR SUP HIKE TRAIL, 4.5 MI NW HOVLAND
S004-283	FLUTE REED R AT CR-88 IN HOVLAND, MN
S004-853	FLUTE REED R NEAR CR-69, 1.5 MI WNW OF HOVLAND, MN
S004-855	FLUTE REED R NEAR CR-70, 3.3 MI NW OF HOVLAND, MN
S004-856	FLUTE REED R AT CR-69 AND .5 MI NW OF HOVLAND, MN

Project FRAN_LES Francis Lake Association Le Seuer County

Start Date 01/01/1993 **Planned Duration** on-going

Purpose 40-0057

Project FRAN_MKR Lake Francis (Meeker County) Diagnostic Study

Start Date 05/01/1998 **Planned Duration** 4 yr ext in '01

Document/Graphic MPCA Project Est. Form Atch. 1

Document/Graphic

Purpose Preliminary Goals and Objectives

It is the goal of the Lake Francis Area Recreation/Conservation Club, through this grant, to identify and reduce the non-point sources of nutrient and sediment pollution to the lake. Additionally, to determine hydrologic, water quality and ecological information for basis of remedial and management decisions; verify a 1982 lake study which indicated most of the lake's phosphorus load comes from upstream; hold total phosphorus loads to 0.02mg/L; and examine phosphorus loading from soil erosion, shoreline run-off and groundwater seepage from septic systems.

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Project Design Sample bottle submerged to ½ meter depth - wearing disposable lab gloves - open the cap - collect sample and recap - bring up to the surface and place on ice - avoid collecting any surface water - see pp 36-37 Methods Manual - Volunteer Lake Monitoring (EPA) 440 4/91 - Carolyn Lyftogt

This method was used from 1997 to 2004 -James E Olsen

Excerpt from project plan:

A) In-lake monitoring will be conducted from April through September, 1999. Lake Francis volunteers, under the direction of the Project consultant, will collect samples and data from three in-lake stations. See Table 2.

TABLE 2

Sample Collection - Three In-lake Sites

Parameter Frequency
April-Sept. Field/Lab
Analysis
Secchi B F
Temperature B F
Dissolved Oxygen B F
Total Phosphorus B L
Ortho Phosphorus B L
Total Suspended Solids B L
Total Volatile Solids B L
Ammonia-Nitrogen M L
Nitrite/Nitrate M L
PH M F
Alkalinity M L
Chlorophyll "A" B L

B = Bimonthly
M = Monthly
F = Field
L = Laboratory Analysis

B) Stream flow monitoring at the single inlet, outlet, and culvert A will be conducted from April - September, 1999. Effort will be made to collect six storm events from inlet and culvert A. See Table 3.

TABLE 3

Stream Flow Sample Collection

Parameter Frequency
April-Sept. Field/Lab
Analysis
Flow B F
Temperature B F
Dissolved Oxygen B F
Total Phosphorus B L
Ortho Phosphorus B L
Total Suspended Solids B L
Volatile Suspended Solids B L
Conductivity M F

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Project Design *****

C) Additional monitoring of precipitation, water transparency, water levels will be done by Lake Francis volunteers under the direction of the Project Consultant.

Assigned Stations

Station ID	Station Name
47-0002	FRANCIS

Project FRAPIDS French Rapids DO TMDL

Start Date 08/01/2005 **Planned Duration** 3 years

Purpose Data Collection

Study Area Mississippi

Project Design Sample Collection: Nothing
 Field Measurements: Temp, Cond, Salinity, DO, pH, Turb, with YSI 6000 Series Sonde and T Tube.
 Turbidimeter make and model: YSI 6000 Series
 Gage Type: 6561 pH, 6136 Turb, 6560 Temp/Cond, 6562 DO, 6150 ROX DO

Obtain Plan Mark Evenson

Assigned Stations

Station ID	Station Name
S000-153	MISSISSIPPI RIVER AT JACOBSON
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S000-572	MISSISSIPPI RIVER 2 MI NE OF BRAINERD
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-635	MISSISSIPPI R USH169 BRIDGE IN GRAND RAPIDS
S003-154	BUFFALO R FOOT BRIDGE IN CITY PARK ON E EDGE OF HAWLEY
S003-654	MISSISSIPPI R AT CR-18, 5.7 MI SW OF DEER RIVER, MINNESOTA
S003-655	MISSISSIPPI R AT CSAH-3, 5.9 MI S OF DEER RIVER, MINNESOTA
S003-656	MISSISSIPPI R AT 7TH AVE, IN GRAND RAPIDS, MINNESOTA
S003-663	MISSISSIPPI R AT MN-232, 0.3 MI SE OF PALISADE, MN
S004-514	MISSISSIPPI R AT CSAH-10, 14.5 MI NE OF PALISADE, MN
S004-515	MISSISSIPPI R AT CSAH-10, 6.25 MI NE OF PALISADE, MN
S004-623	MISSISSIPPI R, UPSTR OF FR RAPIDS, 4.5 MI NE OF BRAINERD, MN
S004-624	MISSISSIPPI R AT WOOLEAT RD, 3 MI NE OF BRAINERD, MN

Project FREEBRD SMBC 2005 Pond Freeboard Ambient Monitoring

Start Date 01/01/2005 **Planned Duration** Long-term

Purpose Ambient compliance monitoring at and downstream of the Southern Minnesota Beet Sugar Cooperative in Renville, Minnesota.

Project FSHSCH-L Fish Lake and Schwanz Lake Nutrient Impairment TMDL

Start Date 02/08/2008 **Planned Duration** 2 years

Project Summary

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Purpose Monitoring to develop TMDL report

Project Design Sample Collection Methods:
Surface: 0 to 1 m integrated core sampler
Deep water: Kemerer sampler

Field Measurements:
Temperature, dissolved oxygen with Hydrolab. Water clarity with secchi disk.

Probe - make and model:
Hydrolab Quanta

Laboratory Information:
Braun Intertech
1101 Hennepin Avenue
Minneapolis, MN 55438
Richard Maw or Steve Albrecht
952-995-2600
rmaw@braunintertech.com or salbrecht@braunintertech.com

Assigned Stations

Station ID	Station Name
19-0057	FISH
19-0063	UNNAMED (SCHWANZ)

Project GBERWI Greater Blue Earth Watershed Initiative

Start Date 01/01/2004 **Planned Duration** 2 years

Purpose To determine reference levels for water quality parameters in the Blue Earth River Watershed, and to determine if GEBRWI actions have changed the water quality.

Study Area Blue Earth River Watershed

Project Design Sample Collection Methods: Grab, Depth Integrated sampler

Obtain Plan Citation for Plan:

Joe Magner
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155
joseph.magner@pca.state.mn.us
(651) 296-9268

Assigned Stations

Station ID	Station Name
S000-535	ELM CK AT ROAD BTN S4/5 2 MI SW OF WINNEBAGO
S001-071	ELM CREEK AT CR-103 6 MI W OF TRIMONT
S003-020	ELM CREEK AT 185TH ST. - 2.5 MI E OF TRIMONT
S003-025	ELM CREEK AT 290TH AVE - 4.5 MI NE OF GRANADA
S004-076	TILE MAIN (JD 37) AT CR-68, 3 MI NW OF SHERBURN
S004-077	SHEEK WATERSHED OUTLET, 3.5 MI N OF SHERBURN
S004-078	JD 3 AT 180TH ST, 3.5 MI N OF GRANADA
S004-079	UNN TRIB TO ELM CR (MARTIN LK OUTLET) AT CR-142
S004-080	ELM CR AT CSAH-27, 4.5 MI W OF TRIMONT
S004-081	ELM CREEK AT CR-140, 5 MI W OF TRIMONT
S004-082	UNN TRIB TO ELM CR FROM WATKINS LK, 5.5 MI SW OF

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Station ID	Station Name
S004-083	TRIMONT OUTLT STRUCTURE OF THE KITTLESON WTLND, 5 MI NW OF SHERBURN
S004-084	TILE MAIN OUTLET, N OF CR-183, 4.5 MI NW OF SHERBURN
S004-085	TILE MAIN OUTLET, N OF CR-183, 4.5 MI NW OF SHERBURN
S004-086	OUTLET OF RESTORED WETLAND AT CR-183, 4.5 MI NW OF SHERBURN
S004-087	SURFACE CHANNEL DRAINING INTO THE KITTLESTON WETLAND
S004-088	SURFACE CHANNEL DRAINING INTO THE KITTLESON WETLAND

Project GCLWMO-S Gun Club Lake Watershed Monitoring Organization (CLWA)

Start Date 03/01/2007 **Planned Duration** 06-30-2009

Purpose Surface water assessment
CWLA project

Project Design Sample Collection Methods:

Plastic core sampler for the surface composite sample and a Van Doren sampler for the bottom sample that are placed in a plastic pail and poured into the sample bottles provided by the lab.

Field Measurements:

Dissolved oxygen and temperature with a YSI meter and pH with a hand-held meter, and water clarity with a Secchi Disc.

Laboratory Information:

Braun Intertec
11001 Hampshire Ave. S.
Minneapolis, MN 55438

Richard Maw
952-995-2644

Assigned Stations

Station ID	Station Name
19-0036	UNNAMED
19-0054	UNNAMED
19-0065	HOLLAND
19-0071	JENSEN
19-0072	O'BRIEN
19-0076	MCDONOUGH
19-0081	AUGUSTA

Project GRAZMGMT Grazing Management for Trout Stream Improvement

Start Date 04/01/2003 **Planned Duration** 4 years

Purpose Monitor the effectiveness of grazing management practices in southeast Minnesota.

Project Design Sample Collection Methods:

Grab samples (sterile plastic containers were prepared by the Minnesota Department of Health). Modified grab samples, method taken from Stephenson and Rychert 1982.

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Project Design Stephenson, G.R., and R. C. Rychert, 1982. Bottom sediment: a reservoir of Escherichia coli in rangeland streams. Journal of Rangeland Management. 35:119-123

Field Measurements:

ph, spec. cond., temp, and DO collected with YSI 6820 multi-parameter sonde

Obtain Plan Citation for Plan:

Joseph Wagner
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155
(651) 296-9268
joseph.magner@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S001-318	S BR ROOT R AT BR, 1 MI N OF ETNA
S001-966	GRIBBON CR 1.75 MI SE OF WHALEN, MN
S004-003	WELLS CR JUST E OF CSAH-2, 7.5 MI SE OF RED WING
S004-004	HAY CR AT CR-25, 2 MI E OF CSAH-1, 5 MI N OF GOODHUE
S004-005	MILLIKEN CR JUST S OF CSAH-22, 4.5 MI N OF MANTORVILLE
S004-006	UNN TRIB TO MILLIKEN CR, 4.5 MI N OF MANTORVILLE
S004-008	SUGAR LOAF CR JUST E OF CR-79, 2.5 MI W OF LAKE CITY
S004-009	UNN TRIB TO ZUMBRO R, MF, 1 MI W OF CONCORD
S004-010	SALEM CR DWNSTRM OF BRG AT CSAH-13, 4.5 MI S OF KASSON
S004-011	TROUT RUN JUST E OF MN-74, 5 MI N OF ST. CHARLES
S004-012	TROUT RUN, JUST E OF MN-74, 5 MI N OF ST. CHARLES
S004-013	GARVIN BK, .5 MI S OF US-14, 2.5 MI NE OF LEWISTON
S004-014	TROUT RUN BTWN MN-74 AND CSAH-43 AT TROY
S004-015	UNN TRIB TO ROOT R, SB, JUST W OF CR-23, 1 MI NE OF ETNA
S004-016	CANFIELD CR, 1 MI W OF CR-23, 8 MI SW OF PRESTON
S004-017	PINE CR AT CSAH-6 BRG, 1.5 MI W OF LACRESCENT
S004-018	PINE CR S OF CSAH-2 AND E OF CR-85, 5.5 MI NW OF RUSHFORD
S004-019	UNN TRIB TO MONEY CR AT CR-85, 4 MI SW OF WITOKA
S004-020	PINE CR 1 MI W OF CR-125, 2.5 MI SW OF NODINE
S004-021	PINE CR, 1 MI W OF CR-125, 2.5 MI W OF NODINE
S004-022	GRIBBEN CR JUST W OF CSAH-23, JUST SE OF WHALAN
S004-023	GRIBBEN CR JUST W OF CSAH-23, ESE OF WHALAN
S004-024	ROSE VALLEY CR, 4.5 MI NW OF LACRESCENT

Project GREENLK Green Lake Diagnostic Feasibility Study Phase I

Start Date 09/01/1991 **Planned Duration** 4 years

Purpose Problem investigation

Assigned Stations

Station ID	Station Name
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Station ID	Station Name
30-0136	GREEN
S004-414	UNN STR AT CULVERT UNDER XEON ST NW, 7 MI E OF PRINCETON
S004-415	UNN STR AT CLVRT UNDER RHINESTONE ST NW, 6 MI E OF PRINCETON
S004-416	UNN STR THRU CULVERT, APPROX. 100 FT FROM END OF 327TH AVE
S004-417	NORTH BK AT CULVERT INTO GREEN L, 7 MI EAST OF PRINCETON
S004-418	WYANETTE CK AT CSAH-11, 6 MI E OF PRINCETON
S004-419	GREEN L BK AT CLVRT E SIDE OF CSAH-7, 7.5 MI E OF PRINCETON

Project GRINDSTN Grindstone Bacteria/Biota TMDL

Start Date 04/01/2007 **Planned Duration** 4 years

Purpose Impaired Waters

Study Area S001-270 Grindstone R Easternmost MN-48 crossing
S001-262 North Branch Grindstone R at Twp Rd
S001-263 South Branch Grindstone R at Twp Rd

Project Design Field Measurements - Methods and Instrumentation: All field measurements are taken with a YSI 6820 sonde. Parameters tested are temp, DO, pH, spec. cond., and turbidity.

Turbidimeter Make and Model: YSI 6820 sonde.
Gage Type: CR 10

Laboratory: Minnesota Department of Health

Assigned Stations

Station ID	Station Name
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S001-262	N BR GRINDSTONE R, 1.9 MI NW OF HINCKLEY, MN
S001-263	S BR GRINDSTONE R, 1.6 MI NW OF HINCKLEY, MN
S001-264	GRINDSTONE R ON CR-140, EAST SIDE OF HINCKLEY, MN
S001-270	GRINDSTONE R AT MN-48 BR 4 MI E OF HINCKLEY

Project GRNTSWCD Grant County SWCD

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose County water condition monitoring program

Study Area County Boundary

Project Design Sample Medium: Water Column

Field Procedure Information:
Sample Collection Method and Gears: grab with collection tube

Laboratory:
ERA Laboratory, Inc.
24 North 21st Ave West
Duluth
(218) 727-6380

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Project Design info@eralabs.com

Obtain Plan Joe Montoyne
Grant County SWCD
712 Industrial Park Blvd
Elbow Lake, MN 56531-0177
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joe.montoye@mn.nacdn.net

MPCA Project Manager:
Katherine Pekarek-Scott
MPCA Marshall Office
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Marshall, MN 56258
(507) 476-4267
katherine.pekarek-scott@pca.state.mn.us

Assigned Stations

Station ID	Station Name
26-0002	PELICAN
26-0040	ELK
26-0095	BARRETT
26-0097	POMME DE TERRE
26-0185	COTTONWOOD
26-0235	MUSTINKA R. FLOWAGE
26-0282	LIGHTNING
S004-581	UNN STR (PELICAN LK OUTLET) AT CSAH-10, 1.5 MI S OF ASHBY
S004-582	UNN STR (PELICAN LK INLET) AT CSAH-82, 2.5 MI E OF ASHBY
S004-583	POMME DE TERRE R AT CR-36, 1.7 MI N OF BARRETT
S004-584	POMME DE TERRE R AT CSAH-2 (HAWKINS AVE) AT BARRETT
S004-585	POMME DE TERRE R AT CR-52, 5 MI NE OF ELBOW LAKE
S004-586	POMME DE TERRE R BELOW DAM AT PDT LK, 4 MI E OF ELBOW LAKE

Project GROUNDHS Groundhouse River TMDL

Start Date 04/01/2005 **Planned Duration** One year

Purpose Impaired waters investigation

Study Area Groundhouse River in the Ogilvie, Minnesota area at CSAH-10, MN-23, CR-55, MN-47, CR-56, and FR-.

Project Design Grab sampling
Field measurements include temperature, dissolved oxygen, pH and conductivity.

Assigned Stations

Station ID	Station Name
S001-097	GROUNDHOUSE R AT CSAH-10 2M SE OF OGILVIE
S001-099	GROUNDHOUSE R AT MN 23 BR 0.5 M E OF OGILVIE
S001-152	GROUNDHOUSE RIVER ON CR-55, 1 MILE NW OF OGILVIE
S003-532	GROUNDHOUSE R AT CSAH-12 (HARBOR ST), 3.6 MI W BRUNSWICK, MN
S003-638	SF GROUNDHOUSE R AT MN-47, 3.6 MI S OF OGILVIE, MINNESOTA

Project Summary

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Station ID	Station Name
S003-639	UNN TRIB TO GROUNDHOUSE R AT CR-56, 4.5 MI NW OF OGILVIE, MN
S003-640	GROUNDHOUSE R AT CSAH-10, 3.8 MI NW OF OGILVIE, MINNESOTA
S003-641	GROUNDHOUSE R AT KANABEC FR, 5.2 MI NW OF OGILVIE, MINNESOTA
S003-664	SF GROUNDHOUSE R AT CSAH-4, 5.5 MI SW OF OGILVIE, MN

Project GSLAP-S Gorman and Sabre Lakes Assessment Project

Start Date 04/18/2008 **Planned Duration** 2010

Purpose Water quality assessment; 2007 monitoring brought extremely high phosphorus levels. Another year of monitoring is needed and 2 years of stream monitoring.

Project Design Sample Collection Methods and Gear: Grab sample for stream sites, rod for lakes sites.

Field Measurements: T-tube and secchi disk; handheld device, brand not known at this time.

DO and Temp: YSI 55
pH and Other: Orion

Lab Information:

MVTL
1126 Front Street
New Ulm, MN 56073
Contact Name: Jason Smith
1-800-782-3557
jsmith@mvtl.com

Assigned Stations

Station ID	Station Name
40-0014	SABRE
40-0032	GORMAN
S005-018	CANNON R AT CR-136 BRG, 5 MI SE OF LE CENTER
S005-019	CANNON R AT CSAH-2 BRG, 3 MI W OF KILKENNY
S005-020	LITTLE CANNON R AT MN-13 BRG, 1.5 MI SW OF KILKENNY

Project HAWKCK-L Hawk Creek Clean Water Legacy Act TMDL

Start Date 06/01/2008 **Planned Duration** 09-01-2010

Purpose Clean Water Partnership

Study Area Long Lake (34-0192, Site 201)
Long Lake (34-0192, Site 203)
Ringo Lake (34-0172, Site 203)
Ringo Lk Inlet (S004-969)
Ringo Lake Outlet (S004-799)

Project Design Sample Medium: water column

Sample Collection Method(s) and Gear(s): Sampling will be done with a 2M Kemmerer and an integrated sampler at deepest points in the lake body.

Field measurements include: specific conductivity, cond., temperature, pH and dissolved oxygen with a YSI meter, and transparency with a t-tube.

Project Summary

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Minnesota Pollution Control Agency

Project Design Turbidimeter Make and Model: HACH sensor model 2100P
(Hawk Creek has this equipment)

Sample Collection Method for Lakes: Sampling will be done with a 2M Kemmerer and an integrated sampler at deepest points in the lake body.

Field Measurements: Spec cond., cond., temp, pH, and DO with YSI meter, secchi disk readings.

Turbidity: taken with a 2100 P turbidimeter (Hawk Creek has this equipment)

Lab: ERA Labs, Duluth

Obtain Plan Darrell Schindler
Hawk Creek Watershed Project
500 E. DePue Avenue
Olivia, MN 56277
(320) 523-3672
hawkcreekdarrell@redred.com

MPCA Project Manager:
Mark Hanson
Minnesota Pollution Control Agency
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
507.537.6000
mark.hanson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
34-0172	RINGO
34-0192	LONG
S004-799	UNN OTLT (AKA RINGO LAKE OTLT) ON CR-27, 6 1/2 MI N WILLMAR
S004-969	UNN INLET TO RINGO LK AT US-71 NO., 6 MI NO. OF WILLMAR

Project HAWKCK-S Hawk Creek Surface Water Assessment Grant (SWAG)

Start Date 06/01/2008 **Planned Duration** 09-01-2010

Purpose Clean Water Partnership

Study Area Willmar Lake (34-0180, Site 203)
Foot Lake (34-0181, Site 204)
Foot Lake [bay] (34-0181, Site 205)
Swan Lake (34-0186, Site 201)
Skataas Lake (34-0196, Site 201)
Point Lake (34-0193, Site 202)

Project Design Sample Medium: water column

Sample Collection Method(s) and Gear(s): Sampling will be done with a 2M Kemmerer and an integrated sampler at deepest points in the lake body.

Field Measurements - Methods and Instrumentation: Spec. cond., cond., temp, pH and DO with YSI meter, transparency with a Secchi disk. Turbidity will be taken with a 2100 P turbidimeter (Hawk Creek has this equipment).

Lab: ERA Lab, Duluth

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Obtain Plan Darrell Schindler
Hawk Creek Watershed Project
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MPCA Project Manager:
Kelly O'Hara
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 296-7787
kelly.o'hara@pca.state.mn.us

Assigned Stations

Station ID	Station Name
34-0180	WILLMAR
34-0181	FOOT
34-0186	SWAN
34-0193	POINT
34-0196	SKATAAS

Project HIGHIS High Island Lake Monitoring

Start Date 07/01/2007 **Planned Duration** 2 years

Purpose Condition

Project Design Sample Collection Methods: Integrated sampler
Field Measurements: Vernier LabPro, secchi disk, pH, temp, DO
Laboratory Name: Minnesota Valley Testing Laboratory

Assigned Stations

Station ID	Station Name
72-0050-01	HIGH ISLAND (MAIN BASIN)

Project HFLFBMP Heron Lake Watershed District - Fulda Lakes BMP Project

Start Date 05/01/2008 **Planned Duration** 3 years

Purpose Effectiveness

Contract #B10337

Study Area First Fulda 51-0021 Site ID 202
Second Fulda 51-0020 Site ID 201

Project Design Sample Medium: water column
Lab: MVTL, New Ulm
Sample Collection Method(s) and Gear(s): integrated sampler
Field Measurements - Methods and Instrumentation: pH and dissolved oxygen meter

Obtain Plan Ross Behrends
Heron Lake Watershed District
PO Box 345

Project Summary

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Minnesota Pollution Control Agency

Obtain Plan Heron Lake, MN 56137
(507) 793-2462
ross.behrends@mn.nacdnet.net

MPCA Project Manager:
Kelli Daberkow
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
(507) 537-6497
kelli.daberkow@pca.state.mn.us

Assigned Stations

Station ID	Station Name
51-0020	SECOND FULDA
51-0021	FIRST FULDA

Project HUBB-S Hubbard County Lakes Monitoring Program (SWAG)

Start Date 06/01/2008 **Planned Duration** 08-01-2008

Purpose Lake Condition/303(d) Evaluation

Study Area 29-0032 101 Big Bass
29-0170 201 Ida
29-0254 101 Island
29-0313 202 Little Mantrap
29-0066 201 Midge
29-0178 201 Pickerel
29-0043 201 Shingobee
29-0212 201 Skunk
29-0239 201 Spearhead
29-0045 101 Tenth Crow Wing
29-0015 201 Williams

Project Design Sample Medium: Water Column

Lab: RMB Environmental Lab

Sample Collection Method(s) and Gear(s): lake water column with integrated sampler

Obtain Plan Shane Foley
Hubbard County SWCD
212 1/2 2nd St W
Park Rapids MN 56470
shane.foley@mn.nacdnet.net
(218) 732-0121

MPCA Project Manager:
Kelly O'Hara
Minnesota Pollution Control Agency
520 Lafayette Road North
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Assigned Stations

Station ID	Station Name
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Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
29-0015	WILLIAMS (CRYSTAL)
29-0032	BIG BASS
29-0043	SHINGOBEE
29-0045	TENTH CROW WING
29-0066	MIDGE
29-0170	IDA
29-0178	PICKEREL
29-0212	SKUNK
29-0239	SPEARHEAD
29-0254	ISLAND
29-0313	LITTLE MANTRAP

Project HUBBCOLA Hubbard Coalition of Lake Association (COLA) Monitoring

Start Date 01/01/1996 **Planned Duration** Long-term

Purpose Condition monitoring

Study Area Hubbard County

Assigned Stations

Station ID	Station Name
29-0017	HAM
29-0072	EIGHTH CROW WING
29-0075	KABEKONA
29-0077	THIRD CROW WING
29-0078	FOURTH CROW WING
29-0085	SECOND CROW WING
29-0086	FIRST CROW WING
29-0087	PALMER
29-0088	ISLAND
29-0091	SEVENTH CROW WING
29-0092	FIFTH CROW WING
29-0093	SIXTH CROW WING
29-0101-01	CROOKED (E CROOKED)
29-0101-02	CROOKED (MID. BAY)
29-0101-03	CROOKED (W CROOKED)
29-0117-01	SPIDER (NE/SW BAY)
29-0143	BIG STONY
29-0146	BELLE TAINE
29-0148	UPPER BOTTLE
29-0149	OJIBWAY (WEST DEAD)
29-0150	LITTLE SAND
29-0151-01	MANTRAP (E. BASIN)
29-0157	UPPER TWIN
29-0161	LONG
29-0162	BOULDER

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
29-0169-01	PEYSENSKE (MAIN BAY)
29-0172	STOCKING
29-0180	LOWER BOTTLE
29-0184	BLUE
29-0185	BIG SAND
29-0186	EMMA
29-0188	GILMORE
29-0208	BAD AXE
29-0242	FISH HOOK
29-0243	POTATO
29-0249	HINDS
29-0250	PORTAGE
29-0256	EAGLE
29-0313	LITTLE MANTRAP
80-0030	LOWER TWIN

Project HUBBSWCD Hubbard County Soil and Water Conservation Dist. Monitoring

Start Date 01/01/1967 **Planned Duration** Ongoing

Purpose The SWCD samples similarly to the COLA, but should not be intermingled.

Condition Monitoring.

Study Area Statewide

Project Design Field Measurements - Methods and Instrumentation - pHm cond, temp, and DO with hydrolab MS4 Sonde

Lab:
RMB Environmental Laboratories

Obtain Plan Shane Foley
Hubbard County SWCD
212 1/2 2nd St W
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MPCA Project Manager:
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Assigned Stations

Station ID	Station Name
29-0017	HAM

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Minnesota Pollution Control Agency

Station ID	Station Name
29-0025	NINTH CROW WING
29-0032	BIG BASS
29-0061	GARFIELD
29-0072	EIGHTH CROW WING
29-0074	INDIAN
29-0075	KABEKONA
29-0077	THIRD CROW WING
29-0078	FOURTH CROW WING
29-0085	SECOND CROW WING
29-0086	FIRST CROW WING
29-0087	PALMER
29-0088	ISLAND
29-0089	SHALLOW
29-0091	SEVENTH CROW WING
29-0092	FIFTH CROW WING
29-0093	SIXTH CROW WING
29-0098	WABOOSE
29-0101-01	CROOKED (E CROOKED)
29-0101-02	CROOKED (MID. BAY)
29-0110	DEAD (EAST DEAD)
29-0117-01	SPIDER (NE/SW BAY)
29-0142	DUCK
29-0143	BIG STONY
29-0146	BELLE TAINE
29-0148	UPPER BOTTLE
29-0149	OJIBWAY (WEST DEAD)
29-0150	LITTLE SAND
29-0151-01	MANTRAP (E. BASIN)
29-0156	PLANTAGENET
29-0157	UPPER TWIN
29-0161	LONG
29-0162	BOULDER
29-0172	STOCKING
29-0180	LOWER BOTTLE
29-0184	BLUE
29-0185	BIG SAND
29-0186	EMMA
29-0188	GILMORE
29-0216	GEORGE
29-0227	EVERGREEN (RAT)
29-0242	FISH HOOK
29-0243	POTATO
29-0246	HENNEPIN
29-0247	MORAN

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
29-0248	LORD
29-0249	HINDS
29-0250	PORTAGE
29-0256	EAGLE
29-0313	LITTLE MANTRAP
80-0030	LOWER TWIN

Project INDIANCK Indian Creek Improvement Project (a CWP)

Start Date 03/01/2003 **Planned Duration** 10-01-2004

Purpose Indian Creek Improvement Clean Water Partnership Program Project is designed for condition and problem investigation monitoring.

Study Area Six Blue Earth County sites: Rasmussen Creek, Barnes Creek, Stoney Creek, Monk's Avenue (Indian Creek Tributary), 200th Street (Indian Creek Tributary), and Indian Creek at Indian Creek Road.

Project Design Grab sample and transparency tube. Lab is City of Mankato Wastewater Treatment Plant.

Assigned Stations

Station ID	Station Name
S003-632	RASMUSSEN CK AT RASMUSSEN WOODS RD, 1.3 MI S OF MANKATO, MN
S003-633	BARNES CK AT STOLTZMAN RD, 1.2 MI S OF MANKATO, MINNESOTA
S003-634	STONY CK AT STOLTZMAN DR, 2.1 MI S OF MANKATO, MINNESOTA
S003-635	UNN TRIB TO INDIAN CK AT MONKS AVE, 2.4 MI SSE OF MANKATO MN
S003-636	UNN TRIB TO INDIAN CK AT 200TH ST, 2.7 MI S OF MANKATO, MN
S003-637	INDIAN CK AT INDIAN CK RD, 2.4 MI SW OF MANKATO, MINNESOTA

Project IS712701 MPCA Int. Surv. on VERMILION LK TRIBS at TOWER/BREITUNG

Start Date 01/01/1971 **Planned Duration** 1979, 83

Purpose MPCA Intensive Survey on VERMILION LK TRIBS to determine the wastewater treatment needs for the town of TOWER/BREITUNG

Assigned Stations

Station ID	Station Name
S000-187	ARMSTRONG R TRIB TO ARMSTRONG BAY OF VERMILION L
S000-188	BEAR CK TO VERMILION L IN T63N/R15W/S32/NEQ
S000-189	BLACK CK TO BLACK BAY OF VERMILION L IN S11
S000-190	EAST TWO RIVER AT MOUTH OF RIVER AT TOWER, MN
S000-191	E TWO RIVER AT MN-169 IN T62N/R15W/S31 AT TOWER
S000-192	MUD C TRIB TO MUD CREEK BAY OF VERMILION L IN S7
S000-193	NORTH CK TO BLACK BAY OF VERMILION L IN S1
S000-194	PIKE R 150 FT UPSTRM FROM MOUTH 3 MI W OF TOWER
S000-196	RICE CREEK TO E RICE BAY OF NE VERMILION LAKE

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-199	SUNSET CK OUTLET OF SUNSET L TO NW VERMILION L
S000-200	TROUT L OUTLET TO VERMILION L MIDWAY BTN LAKES
S000-201	TRIB TO NE BLACK BAY OF L VERMILION IN S1/SEQ
S000-202	TRIB TO NE NORWEGIAN BAY OF L VERMILION IN S9
S000-203	TRIB TO SE NORWEGIAN BAY OF L VERMILION IN S9
S000-204	TRIB TO NW WAKEMUP NARROWS OF L VERMILION IN S30
S000-205	TRIB TO NE WAKEMUP NARROWS OF L VERMILION IN S29
S000-206	TRIB TO NW NILES BAY OF L VERMILION IN S21
S000-207	TRIB TO NORTH NILES BAY OF L VERMILION IN S21
S000-208	TRIB TO NE SIDE WOLF BAY OF L VERMILION IN S12
S000-209	TRIB TO E SIDE OF WOLF BAY OF L VERMILION IN S18
S000-210	TRIB TO VERMILION L IN T63N/R17W/S26/SWQ/SWQ
S000-211	TRIB TO VERMILION L 1 MI NNE OF ALEPO ISLAND
S000-212	PINE I TRIB TO VERMILION L IN T63N/R16W/S35/SEQ
S000-213	TRIB TO VERMILION LAKE IN T63N/R15W/S31/NWQ/SWQ
S000-214	TRIB TO VERMILION LAKE IN T63N/R15W/S31/NEQ/SEQ
S000-215	TRIB TO EVERETT BAY OF VERMILION L IN S22
S000-217	WOLF CK TO NE SMART BAY OF L VERMILION IN S30
S000-600	E TWO R 500 YDS DOWNSTREAM FROM MN-169 IN S31
S000-966	E TWO R OFF ACCESS RD IN T62N/R15W/S31/NEQ/SEQ
S000-967	EAST TWO R AT ACCESS RD IN T62N/R15W/S32/SWQ/SEQ
S000-968	EAST TWO R AT MN-169 IN T62N/R15W/S33
S000-969	TRIB TO EAST TWO R AT ACCESS RD E OF RR TRACKS
S000-970	EAST TWO R AT ACCESS RD PARALLEL TO RR TRACKS
S000-972	PIKE R TRIB TO PIKE BY OF VERMILION L AT CSAH 77
S000-977	WEST TWO R AT MN-169 0.5 MI S OF TOWER,MN

Project IS732701 MPCA Int. Surv. on CEDAR R at AUSTIN

Start Date 01/01/1973 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CEDAR R to determine the wastewater treatment needs for the town of AUSTIN

Assigned Stations

Station ID	Station Name
S000-001	CEDAR RIVER 1.5 MI S OF AUSTIN
S000-059	CEDAR RIVER 2.5 MI. W. OF LYLE
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-222	CEDAR RIVER ON CSAH-5 4.5 MI NW OF LYLE
S000-223	CEDAR R IN T102NR18WS33SWQSEQ 5 MI S OF AUSTIN
S000-224	CEDAR R AT LAFAYETTE PARK FOOTBRIDGE IN AUSTIN
S000-225	CEDAR R AT 4TH AVE NE IN AUSTIN
S000-226	CEDAR R AT I-90/US-16/US-218 AT AUSTIN
S000-227	CEDAR R AT CSAH-25 1.5 MI N OF AUSTIN
S000-228	DOBBINS CK AT MN-116(OAKLAND PLACE NE) IN AUSTIN
S000-229	ROSE CK AT CSAH-29 3 MI S OF AUSTIN

Project Summary

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Station ID	Station Name
S000-230	TURTLE CK AT CSAH-23 (4TH DRIVE SW) AT AUSTIN
S000-231	WOODBURY CK AT MN-105 3 MI W OF LYLE

Project IS732702 MPCA Int. Surv. on MINNESOTA R at ORTONVILLE

Start Date 01/01/1973 **Planned Duration** 1974

Purpose MPCA Intensive Survey on MINNESOTA R to determine the wastewater treatment needs for the town of ORTONVILLE

Assigned Stations

Station ID	Station Name
S000-233	MINNESOTA R ON USH-12 .6 MI SW OF ORTONVILLE
S000-234	MINNESOTA R AT CSAH-19(15) AT ORTONVILLE
S000-235	UNNAMED CK IN T121N/R46W/S25/SEQ/SEQ W OF ODESSA
S000-236	MINNESOTA R AT CSAH-17 2.5 MI SE OF ORTONVILLE
S000-237	MINN R AT RR X/ING BELOW US-12 AT ORTONVILLE
S000-238	MINN R ABOVE DAM/BELOW WHETSTONE R AT ORTONVILLE
S000-316	MINN R T121N/R45W/S30/SWQ/SWQ 2 MI W OF ODESSA
S000-317	MINNESOTA R BELOW BIG STONE L DAM AT ORTONVILLE

Project IS732703 MPCA Int. Surv. on OKABENA CK at WORTHINGTON

Start Date 01/01/1973 **Planned Duration** 1981, 82

Purpose MPCA Intensive Survey on OKABENA CK to determine the wastewater treatment needs for the town of WORTHINGTON

Assigned Stations

Station ID	Station Name
S000-232	ELK CK AT CSAH-1 1.5 MI SE OF BREWSTER
S000-239	OKABENA CK AT N/S RD BTN S29 AND 30(T103N,R38W)
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-241	OKABENA CK AT CR-1 (NOBLES-JACKSON COUNTY LINE)
S000-242	OKABENA CK AT N-S RD BTN S10 AND 11(T102N,R39W)
S000-243	TRIB TO OKABENA CK AT CR-53 4 MI SW OF BREWSTER
S000-244	OKABENA CK AT CTY RD 53 2.5 MI NE OF WORTHINGTON
S000-245	OKABENA CK AT ROAD BTN S8/9 (T102N,R39W)
S000-246	OKABENA CK AT MN-60 1 MI NE OF WORTHINGTON
S000-247	OKABENA CK AT GRAVEL ROAD BR 1 MI EAST OF USH-59
S000-248	OKABENA CK AT USH-59 AT WORTHINGTON
S000-249	OKABENA CK AT OUTLET OF OKABENA LK, WORTHINGTON
S000-269	OKABENA CK AT E/W RD BTN S 6/7 (T102N/R38W)
S000-270	OKABENA CK AT N/S RD BTN S 11/12 (T102N/R39W)
S000-271	OKABENA CK MID OF E/W RD BTN S11/14(T102N/R39W)
S000-272	OKABENA CK BTN NEQ/NWQ OF T102N/R39W/S16 NEAR S9
S000-273	OKABENA CK 500 FT SE OF RD BTN S8/9 (T102N/R39W)
S000-274	OKABENA CK 500 FT NW OF RD BTN S8/9 (T102N/R39W)
S000-275	OKABENA CK NEAR MIDDLE OF T102N/R39W/S8/SEQ
S000-276	OKABENA CK IN T102N/R39W/S7/SWQ/SEQ

Project Summary

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Project IS742701 MPCA Intensive Survey on MINNESOTA R

Start Date 01/01/1974 **Planned Duration** Completed

Purpose MPCA Intensive Survey on MINNESOTA R; METRO AREA

Assigned Stations

Station ID	Station Name
S000-039	MINNESOTA R. CSAH-9 N OF JORDAN
S000-086	MINNESOTA R AT MN-77 BRG IN BLOOMINGTON
S000-170	MINN R TRIB MOUTH-W EDGE OF I-35W IN BURNSVILLE
S000-303	BLUE L OUTLET IN T116N/R22W/S34/SEQ IN SHAKOPEE
S000-304	CREDIT R 0.5 MI W OF PORT CARGILL IN SAVAGE
S000-305	CARVER CK IN T115N/R23W/S20/NWQ/NWQ IN CARVER
S000-306	CHASKA CK IN T115N/R23W/S9/SWQ/NWQ IN CHASKA
S000-307	EAGLE CK IN T115N/R21W/S7/NEQ/SEQ IN SAVAGE
S000-308	GRASS L OUTL T116N/R22W/S32/SEQ/SEQ EDEN PRAIRIE
S000-309	MINNESOTA R IN T28N/R23W/S22/SEQ/SWQ AT MENDOTA
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S000-311	MINNESOTA R BELOW PORT CARGILL AT SAVAGE
S000-312	MINNESOTA R AT GOV'T DAYMARK 18.5 AT SHAKOPEE
S000-313	MINNESOTA R AT GOV'T DAYMARK 21.4 AT SHAKOPEE
S000-314	MINNESOTA R TRIB IN MEMORIAL PARK IN SHAKOPEE
S000-315	MINNESOTA R.,SNTH 41 AT CHASKA
S000-318	NINEMILE CK ON W SIDE OF I-35W IN BLOOMINGTON
S000-319	PURGATORY CK T116N/R22W/S36/SWQ/SEQ EDEN PRAIRIE
S000-320	SAND C T115N/R23W/S20/SWQ/SEQ 1.5 MI S OF CARVER

Project IS742702 MPCA Int. Surv. on RAINY R at INTERNATIONAL FALLS

Start Date 01/01/1974 **Planned Duration** Completed

Purpose MPCA Intensive Survey on RAINY R to determine the wastewater treatment needs for the town of INTERNATIONAL FALLS

Assigned Stations

Station ID	Station Name
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-280	RAINY R AT RR BR AT RAINY LAKE OUTLET IN RANIER
S000-335	MOONLIGHT ROCK CK ABOVE S I'FALLS WWTP DSCH DIT
S000-336	RAINY R S31 BTN NWQ/NEQ 11 MI NW OF LITTLE FORK
S000-337	RAINY R NW OF INTERNATIONAL FALLS HOSPITAL
S000-338	RAINY R BTN ISLANDS AND DAM N OF I'FALLS

Project IS742703 MPCA Int Surv on S FK WHITEWATER R at DOVER/EYOTA/ST CHARLES

Start Date 01/01/1974 **Planned Duration** Completed

Purpose MPCA Intensive Survey on S FK WHITEWATER R to determine the wastewater treatment needs for the town of DOVER/EYOTA/ST CHARLES

Assigned Stations

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-321	S FK WHITEWATER R AT CR-112 2 MI W OF ALTURA
S000-322	SF WHITEWATER- TRAIL XING S6NWQ 4 MI S OF ALTURA
S000-323	SF WHITEWATER R AT CR-119 2 MI NE OF ST CHARLES
S000-324	SF WHITEWATER R RD BTN S8/17 1 MI N OF ST CHARLS
S000-325	S FK WHITEWATER R AT MN-74 AT ST CHARLES
S000-326	SF WHITEWATER R US-14 IN S23 2 MI W OF ST CHARLS
S000-327	S FK WHITEWATER R AT CSAH-10 AT DOVER
S000-328	S FK WHITEWATER R AT US-14 AT EYOTA
S000-329	S FK WHITEWATER R AT CSAH-7 AT EYOTA

Project IS742704 MPCA Int. Surv. on ZUMBRO R, S FK, at ROCHESTER

Start Date 01/01/1974 **Planned Duration** 1975

Purpose MPCA Intensive Survey on ZUMBRO R, S FK, to determine the wastewater treatment needs for the town of ROCHESTER

Assigned Stations

Station ID	Station Name
S000-034	ZUMBRO R.- S. BR. BY ROCHESTER
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-330	CASCADE CK IN T107NR14WS26SEQSWQ IN ROCHESTER
S000-331	SF ZUMBRO BY TRAILER PK IN S12SWQ N OF ROCHESTER
S000-332	SF ZUMBRO R IN T107NR14WS11NEQSWQ N OF ROCHESTER
S000-333	S FK ZUMBRO R ON CSAH-22 .3 MI N OF ROCHESTER
S000-334	S FK ZUMBRO R ON USH-63 AT ROCHESTER
S000-356	SF ZUMBRO R IN T108NR14WS35NEQNWQ N OF ROCHESTER
S000-357	S FK ZUMBRO R NEAR CR-133 1 MI N OF ROCHESTER

Project IS752701 MPCA Int. Surv. on CENTER CK at FAIRMONT

Start Date 01/01/1975 **Planned Duration** 1977

Purpose MPCA Intensive Survey on CENTER CK to determine the wastewater treatment needs for the town of FAIRMONT

Assigned Stations

Station ID	Station Name
S000-138	CENTER CREEK BRIDGE ON MN-15, 0.5 MI N FAIRMONT
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-347	CENTER CREEK AT CR-143 (NORTH AVE) AT FAIRMONT
S000-406	CENTER CREEK AT MN-262 AT GRANADA
S000-407	CENTER CK IN T103N/R30W/S36/SWQ NEAR ROAD CORNER
S000-408	CENTER CREEK AT I-90 AT FAIRMONT

Project IS752702 MPCA Int. Surv. on CROW R, S FK, at HUTCHINSON

Start Date 01/01/1975 **Planned Duration** 1976, 77

Purpose MPCA Intensive Survey on CROW R, S FK, to determine the wastewater treatment needs for the town of HUTCHINSON

Project Summary

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Assigned Stations

Station ID	Station Name
S000-051	S FK CROW R. SH-22 1 MI NW OF BISCAY
S000-348	S FK CROW R AT CSAH-67 2.5 MI SE OF HUTCHINSON
S000-349	S F CROW R BY RD BTN S8/17 1 MI SE OF HUTCHINSON
S000-350	S FK CROW R AT MN-22 AT HUTCHINSON
S000-351	S FK CROW R ABV HUTCHINSON 3M IN SEQSEQ OF S6
S000-352	S FK CROW R AT 2ND AVE S IN HUTCHINSON
S000-353	S FK CROW R AT MN-15 IN HUTCHINSON
S000-394	S FK CROW R AT CSAH-11 3 MI NE OF BISCAY
S000-395	S FK CROW R AT E/W ROAD IN S31 2 MI SE OF BISCAY
S000-396	S FK CROW R AT RD BTN S25/36 0.5 MI SE OF BISCAY
S000-409	S FK CROW R AT CSAH-2 5 MI NE OF BISCAY

Project IS752703 MPCA Int. Surv. on WATONWAN R at MADELIA

Start Date 01/01/1975 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WATONWAN R to determine the wastewater treatment needs for the town of MADELIA

Assigned Stations

Station ID	Station Name
S000-354	WATONWAN R AT CSAH-30 3 MI SE OF MADELIA
S000-355	WATONWAN R AT CR-116 AT MADELIA

Project IS762701 MPCA Int. Surv. on CHIPPEWA R at BENSON

Start Date 01/01/1976 **Planned Duration** 1977, 78

Purpose MPCA Intensive Survey on CHIPPEWA R to determine the wastewater treatment needs for the town of BENSON

Assigned Stations

Station ID	Station Name
S000-292	CHIPPEWA RIVER SH-40 E OF MILAN
S000-381	CHIPPEWA R AT CSAH-10 4 MI SE OF DANVERS
S000-382	CHIPPEWA R AT CSAH-14 4 MI SW OF BENSON
S000-383	CHIPPEWA R AT N X-ING W/CR-75 1 MI SW OF BENSON
S000-384	CHIPPEWA R IN T121NR40WS12NEQSWQ SW OF BENSON
S000-385	CHIPPEWA R AT US-12 AT BENSON
S000-386	CHIPPEWA R AT MN-9 AT BENSON
S000-397	CHIPPEWA R AT CSAH-17 7 MI NE OF MILAN
S000-398	CHIPPEWA R AT CR-62 8 MI S OF DANVERS
S000-399	CHIPPEWA R AT CSAH-6 7 MI SE OF DANVERS
S000-494	CHIPPEWA R AT CSAH-13 0.5 MI NE OF WATSON
S000-495	COTTONWOOD CK AT ROAD IN S4 5.5 MI NE OF MILAN
S000-500	SHAKOPEE CK AT ROAD BTN S11/12 7 MI S OF BENSON

Project IS762702 MPCA Int. Surv. on SUCKER CK at COKATO

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Start Date 01/01/1976 **Planned Duration** Completed
Purpose MPCA Intensive Survey on SUCKER CK to determine the wastewater treatment needs for the town of COKATO

Assigned Stations

Station ID	Station Name
S000-358	SUCKER CK (JUD DITCH # 15) AT CSAH-4 AT COKATO
S000-359	SUCKER CK INLET TO COKATO L 1.5 MI NE OF COKATO

Project IS762703 MPCA Int. Surv. on RED R OF THE NORTH at MOORHEAD

Start Date 01/01/1976 **Planned Duration** Completed
Purpose MPCA Intensive Survey on RED R OF THE NORTH to determine the wastewater treatment needs for the town of MOORHEAD

Assigned Stations

Station ID	Station Name
S000-101	RED RIVER CSAH-3 W. OF SHELLY
S000-113	RED RIVER AT BRIDGE ON CSAH-39, 1 MI W OF PERLEY
S000-216	WILD RICE R. USH-75 N OF HENDRUM
S000-219	RED RIVER CSAH-22 BY MOORHEAD
S000-374	RED R OF THE N AT CSAH-36 1 MI NW OF GEORGETOWN
S000-375	RED R IN T141N/R49W/S25/NWQ/NEQ 6 MI N OF FARGO
S000-376	RED R IN T140N/R49W/S1/SEQ/NEQ 3.5 MI N OF FARGO
S000-377	RED R IN MEANDER NEAR CR-96 IN S21 N OF MOORHEAD
S000-378	RED R T140N/R48W/S29/SWQ/SEQ AT FARGO-MOORHEAD
S000-379	RED R BTN FARGO PARK/MOORHEAD GLF COURSE BLW STP
S000-380	RED R OF N BLW DAM NEAR CR-83 ABV MOORHEAD WWTP
S000-390	RED R IN T140N/R49W/S2/NEQ/SEQ 4 MI N OF FARGO
S000-391	RED R OF THE N BTN S7/12 3 MI N OF FARGO,ND
S000-392	RED R OF THE N AT US-52/I-94 AT FARGO/MOORHEAD
S000-393	RED R IN T139N/R49W/S36/NEQ/SEQ 2 MI S OF FARGO

Project IS762704 MPCA Intensive Survey on SAUK R

Start Date 01/01/1976 **Planned Duration** 77-80,82-83,87
Purpose MPCA Intensive Survey on SAUK R; COLDSRING, MELROSE, HORSESHOE CHAIN OF LAKES

Assigned Stations

Station ID	Station Name
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-284	SAUK R. CSAH-31 S OF NEW MUNICH
S000-360	SAUK R AT CR-121 2 MI SE OF ST JOSEPH
S000-361	SAUK RIVER AT CO RD 139 IN ROCKVILLE
S000-362	SAUK R T123NR29WS18SEQNWQ 2 MI SW OF ROCKVILLE
S000-363	SAUK R T123NR30WS13SEQNEQ 2 MI NE OF COLD SPRING
S000-364	SAUK R ABV COLD SPRING WWTP IN T123NR30WS14SWQSE
S000-365	SAUK RIVER AT CSAH-58 IN COLD SPRING
S000-366	SAUK R. AT CSAH-30 BRIDGE NEAR NEW MUNICH

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
S000-367	SAUK RIVER AT GROVE TNSHP RD. - SEC. 12
S000-368	SAUK RIVER AT USI-94 NEAR MELROSE
S000-369	ADLEY CREEK AT CO. RD. 168 NEAR MELROSE
S000-370	SAUK RIVER BY CR-168 NEAR MELROSE
S000-371	SAUK RIVER AT CSAH-13 IN MELROSE
S000-372	SAUK R. AT CO. RD. 186 BRIDGE NEAR MELROSE
S000-373	SAUK R. AT CO. RD. 186 BRIDGE AT SAUK CENTER
S000-432	SAUK RIVER AT CSAH-65 BRIDGE NEAR MELROSE
S000-433	UNNAMED CREEK AT USH-71 NEAR SAUK CENTER
S000-444	MILL CK AT MN-23 IN ROCKVILLE
S000-445	SAUK R IN T123NR29WS9NEQNWQ 1 MI NE OF ROCKVILLE
S000-446	SAUK R IN T123NR29WS19SWQNEQ AT ROCKVILLE
S000-447	SAUK R ABV ARMOUR WWTP 1 MI NE OF COLD SPRING
S000-496	SAUK R. AT CSAH-14 BRIDGE NEAR SPRING HILL
S000-497	STONY CREEK AT CO. RD. NEAR SPRING HILL
S000-498	GETCHELL CR. AT CSAH-12 NEAR NEW MUNICH
S000-499	DITCH ON STEARNS CSAH-12 S. OF NEW MUNICH
S000-503	SAUK R AT CSAH-4 IN ST CLOUD
S000-504	SAUK R AT ROAD IN S18 W OF WAITE PARK & ST CLOUD
S000-505	SAUK R IN T123NR29WS4NEQNEQ 2 MI NE OF ROCKVILLE
S000-515	SAUK RIVER AT CSAH-49 NEAR COLD SPRING
S000-516	SAUK RIVER AT SH-23 BRIDGE NEAR RICHMOND
S000-517	SAUK RIVER AT CSAH-12 BRIDGE NEAR RICHMOND
S000-518	SAUK RIVER AT CO. RD. NEAR ST. MARTIN
S000-551	SAUK R. AT PUBLIC ACCESS ON SH-22 NEAR RICHMOND
S000-552	SAUK R. AT CSAH-2 BRIDGE, INLET TO SAUK LAKE
S000-701	SAUK RIVER AT SH-22 BRIDGE NEAR RICHMOND
S000-702	SAUK RIVER AT CSAH-12 BRIDGE NEAR ST.MARTIN
S000-703	COUNTY DITCH 44 AT CO. RD. NEAR NEW MUNICH
S000-915	BROWNS LAKE INLET 3.5 MI N OF EDEN VALLEY
S000-916	EDEN LAKE OUTLET ON MN-22 3.5 N OF EDEN VALLEY
S000-917	KOLLING CREEK AT CSAH-43 WEST OF RICHMOND
S000-934	SAUK RIVER AT CSAH-10 NE OF ST.MARTIN
S000-947	LONG LK OUTLET TO KRON'S BAY 2.5 MI S OF RICHMOND
S000-949	SAUK RIVER AT CSAH-71 NEAR RICHMOND
S000-950	UNNAMED TRIBUTARY NEAR SPRING HILL

Project IS762705 MPCA Int. Surv. on COBURN CK at BLACKDUCK

Start Date 01/01/1976 **Planned Duration** Completed

Purpose MPCA Intensive Survey on COBURN CK to determine the wastewater treatment needs for the town of BLACKDUCK

Assigned Stations

Station ID	Station Name
S000-387	COBURN CK AT PUBLIC ACCESS ON BLACKDUCK LAKE

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Station ID	Station Name
S000-388	COBURN CK AT CSAH-30 IN S11 1 MI W OF BLACKDUCK
S000-389	COBURN C PRIV DR BTN S11/12 0.5 MI W OF BLACKDUK

Project IS772701 MPCA Int. Surv. on HIGH ISLAND CK at ARLINGTON

Start Date 01/01/1977 **Planned Duration** 1980

Purpose MPCA Intensive Survey on HIGH ISLAND CK to determine the wastewater treatment needs for the town of ARLINGTON

Assigned Stations

Station ID	Station Name
S000-435	HIGH ISLAND CK AT RD IN S19 5 MI SE OF ARLINGTON
S000-436	HIGH ISLAND CK BTN S13/18 3 MI E OF ARLINGTON
S000-437	HIGH ISLAND CK AT RD IN S14 1 MI E OF ARLINGTON
S000-438	HIGH ISLAND CK AT CR-66 AT ARLINGTON
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON

Project IS772702 MPCA Int. Surv. on GOOSE CK at HARRIS

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on GOOSE CK to determine the wastewater treatment needs for the town of HARRIS

Assigned Stations

Station ID	Station Name
S000-410	GOOSE CK AT RD BTN S11/14 3 MI NE OF HARRIS
S000-411	GOOSE CREEK AT CSAH-9 2 MI NW OF HARRIS

Project IS772703 MPCA Int. Surv. on HAY CK at RED WING

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on HAY CK to determine the wastewater treatment needs for the town of RED WING

Assigned Stations

Station ID	Station Name
S000-427	HAY CK WALK-IN SITE IN T113N/R15W/S25/NEQ/NWQ
S000-428	HAY CK AT RD BTN MN-61 AND RAILROAD AT RED WING
S000-429	HAY CK AT MN-61 AT RED WING
S000-430	HAY CK AT UNNAMED ROAD IN S36 AT RED WING
S000-431	HAY CK MID OF T113N/R15W/S36/SWQ/NEQ AT RED WING

Project IS772704 MPCA Int. Surv. on BEAVER CK at OLIVIA

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BEAVER CK to determine the wastewater treatment needs for the town of OLIVIA

Assigned Stations

Station ID	Station Name
S000-404	E FK BEAVER CK AT CSAH-4 6.5 MI S OF OLIVIA

Project Summary

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Station ID	Station Name
S000-405	W FK BEAVER CK AT CSAH-4 6.5 MI S OF OLIVIA
S000-484	E FK BEAVER CK AT CSAH-17 3 MI S OF OLIVIA
S000-485	E FK BEAVER CK AT CR-53 1 MI SW OF OLIVIA

Project IS772705 MPCA Int. Surv. on POPLAR R at FOSSTON

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on POPLAR R to determine the wastewater treatment needs for the town of FOSSTON

Assigned Stations

Station ID	Station Name
S000-476	POPLAR R AT ROAD NEAR S EDGE OF S20 (T148N,R40W)
S000-477	POPLAR R AT CSAH-6 1 MILE NE OF FOSSTON

Project IS772706 MPCA Int. Surv. on PELICAN R at PELICAN RAPIDS

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on PELICAN R to determine the wastewater treatment needs for the town of PELICAN RAPIDS

Assigned Stations

Station ID	Station Name
S000-474	PELICAN R AT BR BTN S28 AND S33 (T136N/R43W)
S000-475	PELICAN R WALKIN SITE T135N/R43W/S27/NWQ/NEQ/NEQ

Project IS772707 MPCA Int. Surv. on OTTERTAIL R at PERHAM

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on OTTERTAIL R to determine the wastewater treatment needs for the town of PERHAM

Assigned Stations

Station ID	Station Name
S000-472	OTTER TAIL R BTN S36/1 3.5 MI SE OF PERHAM
S000-473	OTTER TAIL R AT RR BRIDGE 1 MI SE OF PERHAM
S000-536	OTTER TAIL R AT CSAH-14 6 MI SE OF PERHAM
S000-537	OTTER TAIL R AT RD BTN S6/7 4.5 MI SE OF PERHAM
S000-538	OTTER TAIL R BELOW MUD L 3 MI SE OF PERHAM
S000-539	POND BLW PERHAM WWTP W OF OTTERTAIL R S OF US-10

Project IS772708 MPCA Int. Surv. on SKUNK R at PIERZ

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SKUNK R to determine the wastewater treatment needs for the town of PIERZ

Assigned Stations

Station ID	Station Name
S000-420	SKUNK R AT MN-25 2.5 MI S OF PIERZ
S000-421	SKUNK R AT CSAH-38 1 M S OF PIERZ

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID S000-422 **Station Name** SKUNK R 150 YDS ABOVE PIERZ WWTF OUTFALL

Project IS772709 MPCA Int. Surv. on STRAIGHT R at OWATONNA, FARIBAULT

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on STRAIGHT R to determine the wastewater treatment needs for the town of OWATONNA, FARIBAULT

Assigned Stations

Station ID	Station Name
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-300	STRAIGHT R.CSAH-45 CLINTON FALLS
S000-434	CRANE CK (JD#1) AT CSAH-9 1.5 MI S OF MEDFORD
S000-448	STRAIGHT R AT CSAH-12 AT MEDFORD
S000-449	STRAIGHT R AT CSAH-34 BTN S4/33 N OF OWATONNA
S000-450	STRAIGHT R 200 YDS ABOVE OWATONNA WWTF OUTFALL
S000-467	STRAIGHT R- T108N/R20W/S33/SEQ/NWQ N OF OWATONNA
S000-468	STRAIGHT R NEAR CENTER OF SEC 4 N OF OWATONNA
S000-506	STRAIGHT R NEAR ACCESS IN S4 1 MI E OF FARIBAULT
S000-507	STRAIGHT RIVER 1.5 MI SE OF FARIBAULT
S000-508	STRAIGHT R AT CSAH-19 3 MI SE OF FARIBAULT
S000-509	STRAIGHT R AT CSAH-13 1.5 MI N OF MEDFORD

Project IS772710 MPCA Int. Surv. on SWAN R at SWANVILLE

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SWAN R to determine the wastewater treatment needs for the town of SWANVILLE

Assigned Stations

Station ID	Station Name
S000-479	SWAN R AT MN-28 1.5 MI N OF SWANVILLE
S000-480	SWAN R ABV SWANVILLE WWTP BTN PEPIN L & CSAH-12

Project IS772711 MPCA Int. Surv. on CHIPPEWA R at MILLERVILLE

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CHIPPEWA R to determine the wastewater treatment needs for the town of MILLERVILLE

Assigned Stations

Station ID	Station Name
S000-470	CHIPPEWA R BR AT CSAH-7 0.5 MI S OF MILLERVILLE
S000-471	CHIPPEWA R BR AT CR-60 0.5 MI E OF MILLERVILLE

Project IS772712 MPCA Int. Surv. on WILD RICE R at MAHNOMEN

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WILD RICE R to determine the wastewater treatment needs for the town of MAHNOMEN

Project Summary

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Assigned Stations

Station ID	Station Name
S000-482	WILD RICE R AT CSAH-5 1.5 MI WSW OF MAHOMEN
S000-483	WILD RICE R AT CSAH-10 S OF MAHNOMEN

Project IS772713 MPCA Int. Surv. on SOUTH TWO RIVERS at HOLDINGFORD

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SOUTH TWO RIVERS to determine the wastewater treatment needs for the town of HOLDINGFORD

Assigned Stations

Station ID	Station Name
S000-423	SOUTH TWO R AT CSAH-21 1 MI S OF BOWLUS
S000-424	S TWO R AT E/W RD ON MORRISON/STEARNS CO LINE
S000-425	S TWO R AT BR BETWEEN S3/4 (T126,R30W)
S000-426	SOUTH TWO R AT CSAH-17 AT HOLDINGFORD

Project IS772714 MPCA Int. Surv. on WATONWAN R at MADELIA

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WATONWAN R to determine the wastewater treatment needs for the town of MADELIA

Assigned Stations

Station ID	Station Name
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-354	WATONWAN R AT CSAH-30 3 MI SE OF MADELIA
S000-355	WATONWAN R AT CR-116 AT MADELIA
S000-401	WATONWAN R AT US-169 IN GARDEN CITY,
S000-402	WATONWAN R AT CSAH-20 3.5 MI SW OF MADELIA
S000-403	WATONWAN R AT CSAH-32 7 MI SW OF GARDEN CITY

Project IS772715 MPCA Int. Surv. on WHITEWATER R, N FK, at ELGIN

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WHITEWATER R, N FK, to determine the wastewater treatment needs for the town of ELGIN

Assigned Stations

Station ID	Station Name
S000-451	N FK WHITEWATER R 0.15 MI W TR-16, 2.2 MI W OF ELBA
S000-452	NF WHITEWATER TRIB- CSAH-25 2 MI SE OF PLAINVIEW
S000-453	N FK WHITEWATER R AT CSAH-4 3 MI S OF PLAINVIEW
S000-454	NF WHITEWATER R-RD BTN S25/30 2.5 MI E OF ELGIN
S000-455	N FK WHITEWATER R AT CR-73 1.5 MI E OF ELGIN
S000-456	N FK WHITEWATER R IN T108NR12WS26NWQSWQ AT ELGIN

Project IS772716 MPCA Int. Surv. on REDWOOD R at REDWOOD FALLS

Start Date 01/01/1977 **Planned Duration** Completed

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose MPCA Intensive Survey on REDWOOD R to determine the wastewater treatment needs for the town of REDWOOD FALLS

Assigned Stations

Station ID	Station Name
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-419	REDWOOD R 150 FT ABV REDWOOD FALLS WWTP IN S31

Project IS772717 MPCA Int. Surv. on LITTLE ELK R at RANDALL

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LITTLE ELK R to determine the wastewater treatment needs for the town of RANDALL

Assigned Stations

Station ID	Station Name
S000-412	LITTLE ELK R AT CO RD 210 IN S15 SE OF RANDALL
S000-413	LITTLE ELK R AT T130N/R30W/S10/SEQ/SEQ NR RANDAL
S000-414	LITTLE ELK R AT CO RD 209 1.5 MI E OF RANDALL
S000-415	LITTLE ELK R AT RD IN T130N/R30W/S8/SWQ, RANDALL
S000-416	LITTLE ELK R AT ROAD BTN S7/8 AT RANDALL
S000-417	LITTLE ELK R AT BR MN-115 AT RANDALL
S000-418	S BR LITTLE ELK R AT CSAH-9 AT RANDALL

Project IS772718 MPCA Int. Surv. on BUFFALO CK at BROWNTON

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BUFFALO CK to determine the wastewater treatment needs for the town of BROWNTON

Assigned Stations

Station ID	Station Name
S000-462	BUFFALO CK AT CR-54 4.5 MI NE OF STEWART
S000-463	BUFFALO CK- RD IN MID OF S27 3 MI NE OF STEWART
S000-464	BUFFALO CK AT CSAH-7 2 MI NE OF STEWART
S000-465	BUFFALO CK-RD IN SWQ OF S20 1.5 MI N OF STEWART
S000-466	BUFFALO CK AT RD BTN S25/30 1 MI NW OF STEWART

Project IS772719 MPCA Intensive Survey on CROW R, S FK

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CROW R, S FK,; HUTCHINSON - FISH KILL

Assigned Stations

Station ID	Station Name
S000-349	S F CROW R BY RD BTN S8/17 1 MI SE OF HUTCHINSON
S000-350	S FK CROW R AT MN-22 AT HUTCHINSON
S000-351	S FK CROW R ABV HUTCHINSON 3M IN SEQSEQ OF S6

Project IS772720 MPCA Int. Surv. on CD 42 TO M BR RUSH R at WINTHROP

Start Date 01/01/1977 **Planned Duration** Completed

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose MPCA Intensive Survey on CD 42 TO M BR RUSH R to determine the wastewater treatment needs for the town of WINTHROP

Assigned Stations

Station ID	Station Name
S000-486	MIDDLE BR RUSH R AT CO RD 57 2 MI SE OF WINTHROP
S000-487	COUNTY DITCH 42 AT MN-19 AT WINTHROP
S000-488	COUNTY DITCH 42 AT CSAH-1 0.5 MI SE OF WINTHROP
S000-489	MIDDLE BR RUSH R AT MN-15 1.5 MI S OF WINTHROP

Project IS772721 MPCA Int. Surv. on CD 40A TO S BR RUSH R at LAFAYETTE

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CD 40A TO S BR RUSH R to determine the wastewater treatment needs for the town of LAFAYETTE

Assigned Stations

Station ID	Station Name
S000-490	DITCH AT CSAH-1 1 MI E OF LAFAYETTE
S000-491	CO DT 40A AT CSAH-12 2 MI SE OF LAFAYETTE
S000-492	COUNTY DITCH 40A AT RD BTN S16/17 (T111N,R29W)
S000-493	CO DITCH 40A AT CSAH-10 BTN S15/16 (T111N,R29W)

Project IS772722 MPCA Int. Surv. on CD 51 TO LESUEUR CK at LECENTER

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CD 51 TO LESUEUR CK to determine the wastewater treatment needs for the town of LECENTER

Assigned Stations

Station ID	Station Name
S000-439	CO DT 51 ABOVE OUTFALL, S32 0.5 MI S OF LECENTER
S000-440	CO DT 51 AT CO RD 110 1 MI SW OF LECENTER
S000-441	CO DT 51 AT CO RD 114 IN S5 1.5 MI S OF LECENTER
S000-442	CO DT 51 AT CO RD 151 2.5 MI S OF LECENTER
S000-443	CO DT 51 AT CO RD 114 IN S6 2 MI SW OF LECENTER

Project IS772723 MPCA Int. Surv. on BUFFALO CK at BROWNTON

Start Date 01/01/1977 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BUFFALO CK to determine the wastewater treatment needs for the town of BROWNTON

Assigned Stations

Station ID	Station Name
S000-457	BUFFALO CK AT RD BTN S35/36 3.5 MI E OF BROWNTON
S000-458	BUFFALO CK AT RD BTN S2/3 3 MI SE OF BROWNTON
S000-459	BUFFALO CK AT E/W RD IN S34 1.5 MI E OF BROWNTON
S000-460	BUFFALO CK AT N/S RD IN S28 0.5 MI E OF BROWNTON
S000-461	BUFFALO CK AT CSAH-25 AT BROWNTON

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project IS782702 MPCA Int. Surv. on BLUE EARTH R at BLUE EARTH, WINNEBAGO

Start Date 01/01/1978 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BLUE EARTH R to determine the wastewater treatment needs for the town of BLUE EARTH, WINNEBAGO

Assigned Stations

Station ID	Station Name
S000-035	BLUE EARTH RIVER N OF WINNEBAGO
S000-036	BLUE EARTH RIVER N OF BLUE EARTH
S000-135	BLUE EARTH RIVER AT CSAH-4, 4 MI S OF BLUE EARTH
S000-469	BLUE EARTH R AT CSAH-8 2 MI NW OF BLUE EARTH
S000-519	BADGER CK AT ROAD IN S13 2 MI W OF BLUE EARTH
S000-520	BLUE EARTH R AT ROAD IN S10 4 MI N OF WINNEBAGO
S000-521	BLUE EARTH R BETWEEN S16/21 2 MI W OF WINNEBAGO
S000-522	BLUE EARTH R AT CSAH-12 1 MI W OF WINNEBAGO
S000-523	BLUE EARTH R AT CSAH-10 1.5 MI S OF WINNEBAGO
S000-524	BLUE EARTH R AT CSAH-5 2 MI S OF WINNEBAGO
S000-525	BLUE EARTH R AT ROAD IN SEC 7 NW OF BLUE EARTH
S000-526	BLUE EARTH R AT RD IN S18 0.5 MI W OF BLUE EARTH
S000-532	CENTER CK AT RD IN S10 2 MI S OF WINNEBAGO
S000-533	COON CK AT N/S ROAD IN S29 1 MI S OF BLUE EARTH
S000-534	E FK BLUE EARTH R AT CSAH-6 AT BLUE EARTH
S000-535	ELM CK AT ROAD BTN S4/5 2 MI SW OF WINNEBAGO
S000-540	SOUTH CK AT CSAH-5 3.5 MI S OF WINNEBAGO
S000-583	BLUE EARTH R AT IOWA BORDER 1 MI W OF ELMORE
S000-584	W BR BLUE EARTH R AT IA BORDER 3 MI W OF ELMORE

Project IS782703 MPCA Int. Surv. on BUFFALO CK at GLENCOE

Start Date 01/01/1978 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BUFFALO CK to determine the wastewater treatment needs for the town of GLENCOE

Assigned Stations

Station ID	Station Name
S000-527	BUFFALO CK AT CSAH-2 AT GLENCOE
S000-528	BUFFALO CK AT ROAD BTN S22/23 1 MI SW OF GLENCOE
S000-529	DITCH TRIB TO BUFFALO CK 3 MI SW OF GLENCOE
S000-530	DITCH TRIB TO BUFFALO CK AT MN-212 SW OF GLENCOE
S000-531	BUFFALO C AT RD BTN S3/4 3.5 MI NE OF NEW AUBURN
S000-579	BUFFALO CK AT N/S ROAD IN S24 4.5 MI N OF PLATO
S000-580	BUFFALO CK AT CR-74 2.5 MI N OF PLATO
S000-581	BUFFALO CK AT ROAD BTN S10/15 0.5 MI W OF PLATO
S000-582	BUFFALO CK AT CSAH-1 2 MI E OF GLENCOE

Project IS782704 MPCA Int. Surv. on CROOKED CK, S FK, at CALEDONIA

Start Date 01/01/1978 **Planned Duration** Completed

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose MPCA Intensive Survey on CROOKED CK, S FK, to determine the wastewater treatment needs for the town of CALEDONIA

Assigned Stations

Station ID	Station Name
S000-548	S FK CROOKED CK WHERE STREAM SINKS BY CALEDONIA
S000-549	S FK CROOKED CK AT CALEDONIA WWTP OUTFALL

Project IS782705 MPCA Int. Surv. on CROW R, S FK, at COSMOS

Start Date 01/01/1978 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CROW R, S FK, to determine the wastewater treatment needs for the town of COSMOS

Assigned Stations

Station ID	Station Name
S000-575	S FK CROW R AT ROAD BTN S7/12 3 MI NE OF COSMOS
S000-576	S FK CROW R AT E/W ROAD IN S12 2 MI NE OF COSMOS
S000-577	S FK CROW R AT E/W RD IN S11 1.5 MI NE OF COSMOS
S000-578	S FK CROW R BTN S22/23 ABOVE COSMOS POND OUTFALL

Project IS792701 MPCA Int. Surv. on CROOKED CK, S FK, at CALEDONIA

Start Date 01/01/1979 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CROOKED CK, S FK, to determine the wastewater treatment needs for the town of CALEDONIA

Assigned Stations

Station ID	Station Name
S000-549	S FK CROOKED CK AT CALEDONIA WWTP OUTFALL
S000-610	S FK CROOKED CK ABOVE RESRV 4 MI SE OF CALEDONIA
S000-611	S FK CROOKED C BELOW SPRING 3 MI SE OF CALEDONIA
S000-612	S FK CROOKED CK ABOVE DRY BED SE OF CALEDONIA

Project IS792702 MPCA Int. Surv. on EAST SWAN CK at HIBBING S

Start Date 01/01/1979 **Planned Duration** 1980, 81

Purpose MPCA Intensive Survey on EAST SWAN CK to determine the wastewater treatment needs for the town of HIBBING S

Assigned Stations

Station ID	Station Name
S000-281	EAST SWAN R. CR-444 BY HIBBING
S000-589	E SWAN CK AT ROAD BTN S3/10 4 MI SE OF HIBBING
S000-590	E SWAN CK AT PRIV RD IN S5 2.5 MI SE OF HIBBING
S000-591	E SWAN CK N OF CSAH-16 ABOVE HIBBING S WWTP
S000-596	BARBER CK AT RD BTN S2/3 4.5 MI SE OF HIBBING
S000-597	DEMPSEY CK AT RD BTN S11/12 5 MI SE OF HIBBING
S000-598	E SWAN CK AT RD BTN S10/11 4.5 MI SE OF HIBBING
S000-599	E SWAN CK AT CSAH-16 2 MI SE OF HIBBING
S000-726	E SWAN CK WALK-IN SITE IN T56N/R20W/S4/NWQ
S000-792	E SWAN CK TRIB AT RD BTN S4/9 3 MI SE OF HIBBING

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MNPCA1 Minnesota Pollution Control Agency

Project	IS792703	MPCA Int. Surv. on HAWK CR at WILLMAR
Start Date	01/01/1979	Planned Duration Completed
Purpose	MPCA Intensive Survey on HAWK CR to determine the wastewater treatment needs for the town of WILLMAR	
Assigned Stations		
Station ID	Station Name	
S000-601	HAWK CK AT CR-87 4 MI SW OF WILLMAR	
S000-602	HAWK CK AT N/S ROAD IN S24 2.5 MI SW OF WILLMAR	
S000-603	CO DITCH 46 AT CSAH-5 1 MI SW OF WILLMAR	
S000-604	HAWK CK AT MN-40 1 MI SW OF WILLMAR	
Project	IS792704	MPCA Int. Surv. on PENOBSCOT CK at HIBBING N
Start Date	01/01/1979	Planned Duration 1980
Purpose	MPCA Intensive Survey on PENOBSCOT CK to determine the wastewater treatment needs for the town of HIBBING N	
Assigned Stations		
Station ID	Station Name	
S000-592	PENOBSCOT CK AT MN-37 2.5 MI E OF HIBBING	
S000-593	PENOBSCOT C AT E/W RD IN S21 2.5 MI E OF HIBBING	
S000-594	PENOBSCOT CK AT CSAH-63 1 MI E OF HIBBING	
S000-595	PENOBSCOT CK ABOVE HIBBING NORTH WWTP	
Project	IS792705	MPCA Int. Surv. on WIESEL CK at CANTON
Start Date	01/01/1979	Planned Duration Completed
Purpose	MPCA Intensive Survey on WIESEL CK to determine the wastewater treatment needs for the town of CANTON	
Assigned Stations		
Station ID	Station Name	
S000-613	WISEL CREEK AT SEC LINE RD T101N/R9W/S16	
S001-184	WISEL CREEK AT CSAH-23, 2.8 MILES NE OF CANTON	
S001-185	UNNAMED CREEK TO WISEL CK 3/4 MI NNW OF CANTON	
Project	IS792706	MPCA Int. Surv. on SPRING VALLEY CK at SPRING VALLEY
Start Date	01/01/1979	Planned Duration Completed
Purpose	MPCA Intensive Survey on SPRING VALLEY CK to determine the wastewater treatment needs for the town of SPRING VALLEY	
Assigned Stations		
Station ID	Station Name	
S000-588	SPRING VALLEY CK 300 FT BELOW SPRING VALLEY WWTP	
Project	IS792707	MPCA Int. Surv. on RAVEN STR, SAND CK at NEW PRAGUE
Start Date	01/01/1979	Planned Duration Completed
Purpose	MPCA Intensive Survey on RAVEN STR, SAND CK to determine the wastewater treatment needs for the town of NEW PRAGUE	

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Assigned Stations

Station ID	Station Name
S000-606	EBR RAVEN STR AT RD IN S20 2 MI NW OF NEW PRAGUE
S000-608	SAND CK AT CO RD 64 3.5 MI N OF NEW PRAGUE
S000-609	SAND CK AT E/W RD IN S14 3 MI N OF NEW PRAGUE
S001-763	SAND CK AT CSAH 8 IN HELENA
S001-764	RAVEN STR AT CR 64, 1 MI S OF HELENA

Project IS792708 MPCA Int. Surv. on WILLOW CK at NEW YORK MILLS

Start Date 01/01/1979 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WILLOW CK to determine the wastewater treatment needs for the town of NEW YORK MILLS

Assigned Stations

Station ID	Station Name
S000-587	WILLOW CK AT CSAH-14 5.5 MI W OF NEW YORK MILLS

Project IS792709 MPCA Int. Surv. on TIBBETS BROOK at ZIMMERMAN

Start Date 01/01/1979 **Planned Duration** Completed

Purpose MPCA Intensive Survey on TIBBETS BROOK to determine the wastewater treatment needs for the town of ZIMMERMAN

Assigned Stations

Station ID	Station Name
S000-585	UNN DT TO TIBBITS BK AT CTY RD 45 S OF ZIMMERMAN
S000-586	UNN DT TO TIBBITS BK ABV ZIMMERMAN STAB. POND

Project IS802701 MPCA Intensive Survey on MINNESOTA R

Start Date 01/01/1980 **Planned Duration** 1981

Purpose MPCA Intensive Survey on MINNESOTA R; MINNESOTA NONPOINT SOURCE SURVEY

Assigned Stations

Station ID	Station Name
S000-039	MINNESOTA R. CSAH-9 N OF JORDAN
S000-040	MINNESOTA RIVER AT MN-19 BRIDGE AT HENDERSON
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-058	BIG STONE LAKE OUTLET-ORTONVILLE
S000-087	MINNESOTA R AT MN-101 BRG IN SHAKOPEE
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-139	COTTONWOOD R AT MN-15, 0.5 MI SE OF NEW ULM
S000-143	LAC QUI PARLE R. BY LAC QUI PARLE
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-146	MINNESOTA R BRIDGE ON MN-40, 3 MI WEST OF MILAN
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-175	CHIPPEWA RIVER AT BRIDGE ON MN-7 AT MONTEVIDEO
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT

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Station ID	Station Name
	APPLETON
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-315	MINNESOTA R.,SNTH 41 AT CHASKA
S000-342	MINNESOTA R.,CSAH-35 BY NEW ULM
S000-343	MINNESOTA R.,USH-212 AT GRANITE FALLS
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON
S000-734	MINNESOTA R.,CSAH-1 BY BLAKELEY
S000-736	MINNESOTA R.,CSAH-23 BY JUDSON
S000-741	MINNESOTA R.,CSAH-14 BY WATSON
S000-742	MINNESOTA R.,USH-75 BY ODESSA
S000-777	LITTLE COTTONWOOD R.,SH-68 BY CAMBRIA
S000-778	MINNESOTA R.,SH-25 BY BELLE PLAINE
S000-779	MINNESOTA R.,SH-4 BY FT. RIDGELY PARK
S000-780	MINNESOTA R.,CSAH-6 N. OF DELHI
S000-781	MINNESOTA R.,CSAH-13 BY WATSON
S000-782	MINNESOTA RIVER NEAR APPLETON
S000-784	YELLOW BANK R. CSAH-15 BY ODESSA
S000-821	BEVENS CR.,CSAH-40 BY EAST UNION
S000-822	RUSH RIVER, SH-93 BY HENDERSON
S000-823	SAND CREEK, US-169 AT JORDAN
S000-824	WHETSTONE R.,USH-12 BY BIG STONE CITY
S000-825	BEVENS CR.,CSAH-41 BY EAST UNION
S000-841	RAVEN STM.,CSAH-61 BY ST. BENEDICT
S000-843	SILVER CR.,CSAH-41 BY EAST UNION

Project IS802702 MPCA Int. Surv. on ALTERMATTS CK at COMFREY

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on ALTERMATTS CK to determine the wastewater treatment needs for the town of COMFREY

Assigned Stations

Station ID	Station Name
S000-663	ALTERMATT CK AT RD BTN S19/20 4 MI NE OF COMFREY
S000-664	ALTERMATTS CK AT RD BTN S35/36 1 MI E OF COMFREY
S000-665	ALTERMATTS CK AT CSAH-17 0.5 MI E OF COMFREY
S000-677	L COTTONWOOD AT CSAH-8 6 MI N OF COMFREY
S000-678	L COTTONWOOD AT RD BTN S16/17 5 MI NE OF COMFREY

Project IS802703 MPCA Int. Surv. on BEAVER CK, E FK, at OLIVIA

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BEAVER CK, E FK, to determine the wastewater treatment needs for the town of OLIVIA

Assigned Stations

Station ID	Station Name
S000-405	W FK BEAVER CK AT CSAH-4 6.5 MI S OF OLIVIA

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Station ID	Station Name
S000-484	E FK BEAVER CK AT CSAH-17 3 MI S OF OLIVIA
S000-485	E FK BEAVER CK AT CR-53 1 MI SW OF OLIVIA
S000-666	BEAVER CK AT CSAH-2 2.5 MI NE OF NORTH REDWOOD
S000-667	BEAVER CK AT CR-50 6.5 MI NE OF NORTH REDWOOD
S000-668	E FK BEAVER CK AT US-71 7 MI S OF OLIVIA
S000-669	E FK BEAVER CK AT US-71 5 MI S OF OLIVIA
S000-670	E FK BEAVER CK AT ROAD BTN S12/13 AT OLIVIA

Project IS802704 MPCA Int. Surv. on BUHL CK at BUHL, KINNEY

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BUHL CK to determine the wastewater treatment needs for the town of BUHL, KINNEY

Assigned Stations

Station ID	Station Name
S000-755	BUHL CK AT CR-642 3 MI SW OF BUHL
S000-756	BUHL CK AT NEW US-169 1 MI SW OF BUHL
S000-757	BUHL CK AT OLD US-169 AT BUHL

Project IS802705 MPCA Int. Surv. on CEDAR R, E FK, at HAYFIELD

Start Date 01/01/1980 **Planned Duration** 1981, 86

Purpose MPCA Intensive Survey on CEDAR R, E FK, to determine the wastewater treatment needs for the town of HAYFIELD

Assigned Stations

Station ID	Station Name
S000-719	CEDAR R (E FK) AT RD BTN S20/29 W OF HAYFIELD
S000-720	UNNAMED TRIB TO CEDAR R (E FK) SW OF HAYFIELD
S000-721	CEDAR R (E FK) AT RD BTN S21/28 SW OF HAYFIELD
S000-722	CEDAR R (E FK) ABOVE WWTP IN HAYFIELD
S000-789	E FK CEDAR R AT CSAH-5 3.5 MI W OF HAYFIELD
S000-790	CEDAR R (E FK) AT RD BTN S19/20 W OF HAYFIELD
S000-791	CEDAR R (E FK) AT MN-56 AT HAYFIELD
S001-037	CEDAR R (EAST FK) WALK-IN SITE IN S29/NEQ/NEQ

Project IS802706 MPCA Int. Surv. on CEDAR RUN at TRIMONT

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CEDAR RUN to determine the wastewater treatment needs for the town of TRIMONT

Assigned Stations

Station ID	Station Name
S000-671	CEDAR RUN AT ROAD BTN S34/35 2.5 MI E OF TRIMONT
S000-672	CEDAR RUN AT ROAD BTN S33/34 1.5 MI E OF TRIMONT
S000-673	CEDAR RUN AT CSAH-19 0.5 MI E OF TRIMONT
S000-674	CEDAR RUN AT MN-4 0.5 MI N OF TRIMONT

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Project IS802707 MPCA Int. Surv. on EAGLE CK at CLARISSA
Start Date 01/01/1980 **Planned Duration** Completed
Purpose MPCA Intensive Survey on EAGLE CK to determine the wastewater treatment needs for the town of CLARISSA

Assigned Stations

Station ID	Station Name
S000-723	EAGLE CK AT CR-89 1.5 MI SE OF CLARISSA
S000-724	EAGLE CK 100 YDS S OF WOODMANS CEM NEAR CLARISSA
S000-725	EAGLE CK ABOVE POOL AT N/S RD IN S27 IN CLARISSA

Project IS802708 MPCA Int. Surv. on MIDDLE R at ARGYLE
Start Date 01/01/1980 **Planned Duration** Completed
Purpose MPCA Intensive Survey on MIDDLE R to determine the wastewater treatment needs for the town of ARGYLE

Assigned Stations

Station ID	Station Name
S000-697	MIDDLE R AT CSAH-10 8.5 MI NW OF ARGYLE
S000-698	MIDDLE RIVER AT CR-102 5.5 MI NW OF ARGYLE
S000-699	MIDDLE R AT ROAD BETWEEN S5/8 2 MI NW OF ARGYLE
S000-700	MIDDLE R AT CSAH-4 AT ARGYLE

Project IS802709 MPCA Int. Surv. on MINNEOPA CK at LAKE CRYSTAL
Start Date 01/01/1980 **Planned Duration** Completed
Purpose MPCA Intensive Survey on MINNEOPA CK to determine the wastewater treatment needs for the town of LAKE CRYSTAL

Assigned Stations

Station ID	Station Name
S000-762	MINNEOPA CK AT MID XING W/CSAH-69 NEAR MANKATO
S000-763	MINNEOPA CK AT MN-60 3.5 MI NE OF LAKE CRYSTAL
S000-764	MINNEOPA CK AT MN-60 AT LAKE CRYSTAL
S000-765	LAKE CRYSTAL OUTLET AT MN-60 AT LAKE CRYSTAL
S000-766	MINNEOPA CK AT CSAH-20 AT LAKE CRYSTAL
S000-767	MINNEOPA CK AT CR-111 1.5 MI NW OF LAKE CRYSTAL

Project IS802710 MPCA Int. Surv. on MINNESOTA R at METRO AREA
Start Date 01/01/1980 **Planned Duration** Completed
Purpose MPCA Intensive Survey on MINNESOTA R to determine the wastewater treatment needs for the town of METRO AREA

Assigned Stations

Station ID	Station Name
S000-746	ROBERTS CK AT CSAH-16 2 MI W OF BROWNSDALE
S000-747	ROBERTS CK TRIB BTN S5/32 2 MI NW OF BROWNSDALE
S000-749	ROBERTS CK AT MN-56 1 MI N OF BROWNSDALE
S000-807	ROBERTS CREEK ON ROAD 2.2 MI NE OF LANSING
S001-182	ROBERTS CK AT TWP RD 4.2 MI NW OF BROWNSDALE

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Station ID	Station Name
S001-183	ROBERTS CREEK ACCESS 1.4 MI NW OF BROWNSDALE
S001-187	TRIB TO ROBERTS CK AT TWP RD 2 MI NE OF LANSING
S001-188	TRIB TO ROBERTS CK AT MN-56 IN BROWNSDALE

Project IS802711 MPCA Int. Surv. on PELICAN R at PELICAN RAPIDS

Start Date 01/01/1980 **Planned Duration** 1977

Purpose MPCA Intensive Survey on PELICAN R to determine the wastewater treatment needs for the town of PELICAN RAPIDS

Assigned Stations

Station ID	Station Name
S000-474	PELICAN R AT BR BTN S28 AND S33 (T136N/R43W)
S000-475	PELICAN R WALKIN SITE T135N/R43W/S27/NWQ/NEQ/NEQ
S000-683	PELICAN R AT UNNAMED ROAD IN S33 (T135N/R43W)
S000-684	PELICAN R AT CSAH-24 BTN S22 AND 27 (T135N/R43W)
S000-685	PELICAN R AT CSAH-28 3.5 MI SW OF PELICAN RAPIDS
S000-686	PELICAN R AT MN-59 AT PELICAN RAPIDS
S000-744	PELICAN R AT ROAD IN T135N/R43W/S4/SEQ/SWQ
S000-745	PELICAN R AT TWP RD T135N/R43W/S4/NEQ/NEQ

Project IS802712 MPCA Int. Surv. on ROBERTS CK at BROWNSDALE

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on ROBERTS CK to determine the wastewater treatment needs for the town of BROWNSDALE

Assigned Stations

Station ID	Station Name
S000-746	ROBERTS CK AT CSAH-16 2 MI W OF BROWNSDALE
S000-747	ROBERTS CK TRIB BTN S5/32 2 MI NW OF BROWNSDALE
S000-748	ROBERTS CK BTN TRIBS IN S4 1 MI NW OF BROWNSDALE
S000-749	ROBERTS CK AT MN-56 1 MI N OF BROWNSDALE

Project IS802713 MPCA Int. Surv. on RAINY R at INTERNATIONAL FALLS

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on RAINY R to determine the wastewater treatment needs for the town of INTERNATIONAL FALLS

Assigned Stations

Station ID	Station Name
S000-007	RAINY R INTERNATIONAL BR AT INTERNATIONAL FALLS
S000-280	RAINY R AT RR BR AT RAINY LAKE OUTLET IN RANIER
S000-335	MOONLIGHT ROCK CK ABOVE S I'FALLS WWTP DSCH DIT
S000-714	MOONLIGHT ROCK CK AT CSAH-11 1 MI SW OF RANIER
S000-715	MOONLIGHT ROCK CK BELOW S I'FALLS WWTP DSCH DIT
S000-716	RAINY R IN T71N/R24W/S35/NWQ/NEQ W OF I'FALLS
S000-717	RAINY R N OF N/S RR TRACKS IN S35 W OF I'FALLS

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Station ID S000-718 **Station Name** RAINY R IN S25SWQSWQ BTN FORT FRANCIS & JAMESON

Project IS802714 MPCA Int. Surv. on LITTLE CEDAR R TRIBS at ADAMS

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LITTLE CEDAR R TRIBS to determine the wastewater treatment needs for the town of ADAMS

Assigned Stations

Station ID	Station Name
S000-727	TRIB AT CONFL OF LITTLE CEDAR R 2 MI W OF ADAMS
S000-728	TRIB AT RD BTN S10/11 (T101N,R16W) NEAR ADAMS
S000-729	LITTLE CEDAR R TRIB AT CSAH-7 0.5 MI S OF ADAMS
S000-730	LITTLE CEDAR TRIB AT CSAH-7 AT ADAMS
S000-731	L CEDAR TRIB AT RD BTN S2/11 NW OF ADAMS

Project IS802715 MPCA Int. Surv. on LESUEUR R at WASECA

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LESUEUR R to determine the wastewater treatment needs for the town of WASECA

Assigned Stations

Station ID	Station Name
S000-653	LESUEUR R AT CSAH-15 0.5 MI E OF ST CLAIR
S000-654	CD#6 AT CSAH-14 BTN S13/18 4 MI SW OF JANESVILLE
S000-655	LESUEUR R AT CR-54 5.5 MI S OF JANESVILLE
S000-656	LESUEUR R AT CSAH-3 6 MI S OF JANESVILLE
S000-657	LESUEUR R AT CSAH-33 6 MI S OF JANESVILLE
S000-658	LESUEUR R AT ROAD BTN S31/32 6 MI SW OF WASECA
S000-659	LESUEUR R AT CSAH-29 BTN S4/33 5 MI SW OF WASECA
S000-660	CD#12 AT CSAH-9 BTN S22/27 3.5 MI SW OF WASECA
S000-661	CD#38 AT CSAH-9 BTN S27/28 4 MI SW OF WASECA
S000-662	LESUEUR R AT ROAD BTN S34/35 4 MI SW OF WASECA

Project IS802716 MPCA Int. Surv. on ROCK R at LUVERNE

Start Date 01/01/1980 **Planned Duration** 1981

Purpose MPCA Intensive Survey on ROCK R to determine the wastewater treatment needs for the town of LUVERNE

Assigned Stations

Station ID	Station Name
S000-014	ROCK RIVER 2 MI S E OF LUVERNE
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUVERNE
S000-687	ROCK R AT CSAH-1 7 MI S OF LUVERNE
S000-688	ROCK R AT RD BTN S2/35 4 MI S OF LUVERNE
S000-689	ROCK R AT I-90/US-16 0.5 MI S OF LUVERNE
S000-690	ROCK R AT CHICAGO & NW RR IN S11 AT LUVERNE

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-751	ELK CK AT N/S RD IN MID OF S36 3 MI S OF LUVERNE

Project IS802717 MPCA Int. Surv. on SPRING VALLEY CK at SPRING VALLEY

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SPRING VALLEY CK to determine the wastewater treatment needs for the town of SPRING VALLEY

Assigned Stations

Station ID	Station Name
S000-768	SPRING VALLEY C-RD IN S18SEQ 4 MI NE OF SPRING V
S000-769	SPRING VALLEY C-RD IN S19SEQ 3 MI NE OF SPRING V
S000-770	SPRING VALLY C-RD BTN S23/24 2 MI NE OF SPRING V
S000-771	SPRING VALLEY CK, RD ACCESS TO PRIV BR, 1 MI E OF SPRING V
S000-772	SPRING VALLEY C ABV SPRING VALLEY TROUT HATCHERY
S000-773	SPRING VALLEY CK AT US-16 AT SPRING VALLEY

Project IS802718 MPCA Int. Surv. on WHITEWATER R, N FK, at ELGIN

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WHITEWATER R, N FK, to determine the wastewater treatment needs for the town of ELGIN

Assigned Stations

Station ID	Station Name
S000-452	NF WHITEWATER TRIB- CSAH-25 2 MI SE OF PLAINVIEW
S000-453	N FK WHITEWATER R AT CSAH-4 3 MI S OF PLAINVIEW
S000-454	NF WHITEWATER R-RD BTN S25/30 2.5 MI E OF ELGIN
S000-455	N FK WHITEWATER R AT CR-73 1.5 MI E OF ELGIN
S000-456	N FK WHITEWATER R IN T108NR12WS26NWQSWQ AT ELGIN
S000-774	NF WHITEWATER R IN MID OF S3 5 MI S OF PLAINVIEW
S000-775	NF WHITEWATER TRIB IN S34NWQSEQ SE OF PLAINVIEW
S000-776	N FK WHITEWATER R AT MN-42 AT ELGIN

Project IS802719 MPCA Int. Surv. on MUSTINKA R at WHEATON

Start Date 01/01/1980 **Planned Duration** 1981

Purpose MPCA Intensive Survey on MUSTINKA R to determine the wastewater treatment needs for the town of WHEATON

Assigned Stations

Station ID	Station Name
S000-344	MUSTINKA R. SH-117 W OF WHEATON
S000-675	EIGHTEEN MILE CK AT MN-27 2 MI SW OF WHEATON
S000-679	MUSTINKA R AT CR-76 AT S23/26 2 MI SW OF WHEATON
S000-680	MUSTINKA R AT BR CO RD 76 0.5 MI W OF WHEATON
S000-681	MUSTINKA R AT BR CSAH-9 AT WHEATON

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project IS802720 MPCA Int. Surv. on PIPESTONE CK at PIPESTONE

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on PIPESTONE CK to determine the wastewater treatment needs for the town of PIPESTONE

Assigned Stations

Station ID	Station Name
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-510	PIPESTONE CRK ON CSAH-13 4.5 MI W OF PIPESTONE
S000-682	PIPESTONE CK AT CSAH-30 3.5 MI W OF PIPESTONE
S000-743	PIPESTONE C ABV WWTP IN SWQ OF S8 W OF PIPESTONE

Project IS802721 MPCA Int. Surv. on SILVER CK at CLEARBROOK

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SILVER CK to determine the wastewater treatment needs for the town of CLEARBROOK

Assigned Stations

Station ID	Station Name
S000-708	SILVER CK AT CSAH-9 4 MI NW OF CLEARBROOK
S000-709	SILVER CK AT RD BTN S11/14 3 MI NW OF CLEARBROOK
S000-710	SILVER CK AT MN-92 2.5 MI NW OF CLEARBROOK
S000-711	UNNAMED CK AT CSAH-5 IN CLEARBROOK
S000-712	SILVER CK AT RD BTN S25/30 1 MI W OF CLEARBROOK
S000-713	SILVER CK AT CR-74 1 MI W OF CLEARBROOK
S000-750	UNNAMED CK IN T149R37WS30NWQSEQ W OF CLEARBROOK

Project IS802722 MPCA Int. Surv. on REDWOOD R at RUSSEL

Start Date 01/01/1980 **Planned Duration** 1981

Purpose MPCA Intensive Survey on REDWOOD R to determine the wastewater treatment needs for the town of RUSSEL

Assigned Stations

Station ID	Station Name
S000-693	REDWOOD R AT CSAH-5 IN LYND
S000-694	REDWOOD R N XING W/CSAH-25 IN S5 2 MI SW OF LYND
S000-695	REDWOOD R AT ROAD IN S17 1.5 MI NE OF RUSSELL
S000-696	REDWOOD R AT CSAH-15 IN RUSSELL
S000-783	REDWOOD R T110NR42WS20NWQSWQ 0.5 MI E OF RUSSELL
S000-888	REDWOOD R-CSAH-25 IN MID OF S5 2 MI SW OF LYND
S000-889	REDWOOD R BELOW RUSSELL WWTP NEAR CENTER OF S19

Project IS802723 MPCA Int. Surv. on SAND HILL R at FERTILE

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SAND HILL R to determine the wastewater treatment needs for the town of FERTILE

Assigned Stations

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-704	SAND HILL R-RD IN SEQ OF S24 2 MI W OF FERTILE
S000-705	SAND HILL R AT E/W RD IN S19 1 MI W OF FERTILE
S000-706	SAND HILL R AT RD BTN S20/29 0.5 MI W OF FERTILE
S000-707	SAND HILL R AT MN-32 AT FERTILE

Project IS802724 MPCA Int. Surv. on RAVEN STR at NEW PRAGUE

Start Date 01/01/1980 **Planned Duration** Completed

Purpose MPCA Intensive Survey on RAVEN STR to determine the wastewater treatment needs for the town of NEW PRAGUE

Assigned Stations

Station ID	Station Name
S000-606	EBR RAVEN STR AT RD IN S20 2 MI NW OF NEW PRAGUE
S000-691	E BR RAVEN STREAM TRIB AT CSAH-37 AT NEW PRAGUE
S000-752	RAVEN STREAM AT MN-21 3 MI N OF NEW PRAGUE
S000-753	EBR RAVEN STR AT CR-54 1.5 MI NW OF NEW PRAGUE
S000-754	E RAVEN TRIB AT MN-21 BTN S33/34 AT NEW PRAGUE
S001-732	W BR RAVEN STR ON ST BENEDICT RD IN ST BENEDICT, MN
S001-764	RAVEN STR AT CR 64, 1 MI S OF HELENA

Project IS802725 MPCA Int. Surv. on MANGANIKI CK at VIRGINIA

Start Date 01/01/1980 **Planned Duration** 1981

Purpose MPCA Intensive Survey on MANGANIKI CK to determine the wastewater treatment needs for the town of VIRGINIA

Assigned Stations

Station ID	Station Name
S000-758	MANGANIKI CK AT CSAH-19 1.5 MI W OF VIRGINIA
S000-759	MANGANIKI CK AT T58N/R18W/S26/NEQ NEAR VIRGINIA
S000-760	MANGANIKI CK AT INLET TO MANGANIKI L AT VIRGINIA
S000-761	MANGANIKI CK ABOVE WWTP IN SEC 19 AT VIRGINIA

Project IS812702 MPCA Int. Surv. on PERKINS CK at GLENWOOD

Start Date 01/01/1981 **Planned Duration** Completed

Purpose MPCA Intensive Survey on PERKINS CK to determine the wastewater treatment needs for the town of GLENWOOD

Assigned Stations

Station ID	Station Name
S000-883	PERKINS CK AT CSAH-54 AT GLENWOOD
S000-884	PERKINS CK AT 6TH ST T125N/R38W/S12/NWQ/NEQ/SEQ
S000-885	PERKINS CK TRIB IN T125N/R38W/S12/NEQ/NWQ/SEQ
S000-886	PERKINS CK TRIB IN T125N/R38W/S12/NEQ/NWQ/SWQ
S000-887	PERKINS CK AT 8TH AVE T125N/R38W/S12/NEQ/NWQ/NEQ

Project IS812703 MPCA Int. Surv. on OKABENA CK at WORTHINGTON

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Start Date 01/01/1981 **Planned Duration** 1982
Purpose MPCA Intensive Survey on OKABENA CK to determine the wastewater treatment needs for the town of WORTHINGTON

Assigned Stations

Station ID	Station Name
S000-232	ELK CK AT CSAH-1 1.5 MI SE OF BREWSTER
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-241	OKABENA CK AT CR-1 (NOBLES-JACKSON COUNTY LINE)
S000-242	OKABENA CK AT N-S RD BTN S10 AND 11(T102N,R39W)
S000-244	OKABENA CK AT CTY RD 53 2.5 MI NE OF WORTHINGTON
S000-245	OKABENA CK AT ROAD BTN S8/9 (T102N,R39W)
S000-246	OKABENA CK AT MN-60 1 MI NE OF WORTHINGTON
S000-247	OKABENA CK AT GRAVEL ROAD BR 1 MI EAST OF USH-59
S000-248	OKABENA CK AT USH-59 AT WORTHINGTON
S000-271	OKABENA CK MID OF E/W RD BTN S11/14(T102N/R39W)
S000-298	OKABENA CK AT CSAH-9 AT OKABENA
S000-785	JD 76 TO OKABENA CK AT CR-63 2.5 MI W OF OKABENA
S000-786	OKABENA CK AT CSAH-20 2.5 MI WEST OF OKABENA
S000-787	OKABENA CK AT CSAH-18 3 MI EAST OF BREWSTER
S000-788	OKABENA CK AT E/W RD BTN S 30/31 (T103N/R38W)
S000-798	J D 84 TO OKABENA C AT CSAH-20 1 M SW OF OKABENA
S000-799	OKABENA CK ABOVE DAM IN (T102N/R39W/S8/SWQ/SWQ)
S000-806	OKABENA CK BELOW DAM IN (T102N/R39W/S8/SWQ/SWQ)
S000-835	OKABENA C AT NE CORNER IN T102N/R39W/S8/SEQ/NEQ
S000-836	OKABENA C AT NW CORNER IN T102N/R39W/S8/SWQ/NEQ
S000-837	OKABENA CK AT BEND IN S18 1.5 MI NE OF OKABENA
S000-838	OKABENA CK AT BEND IN CHANNEL IN S7 (T102N,R39W)

Project IS812704 MPCA Int. Surv. on BOY R at HACKENSACK
Start Date 01/01/1981 **Planned Duration** Completed
Purpose MPCA Intensive Survey on BOY R to determine the wastewater treatment needs for the town of HACKENSACK

Assigned Stations

Station ID	Station Name
S000-856	BOY R 500 FT DOWNSTREAM OF MN-371 AT HACKENSACK
S000-857	BOY R AT MN-371 AT HACKENSACK

Project IS812705 MPCA Int. Surv. on LITTLE CEDAR R TRIBS at ADAMS
Start Date 01/01/1981 **Planned Duration** Completed
Purpose MPCA Intensive Survey on LITTLE CEDAR R TRIBS to determine the wastewater treatment needs for the town of ADAMS

Assigned Stations

Station ID	Station Name
S000-727	TRIB AT CONFL OF LITTLE CEDAR R 2 MI W OF ADAMS
S000-728	TRIB AT RD BTN S10/11 (T101N,R16W) NEAR ADAMS

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-729	LITTLE CEDAR R TRIB AT CSAH-7 0.5 MI S OF ADAMS
S000-730	LITTLE CEDAR TRIB AT CSAH-7 AT ADAMS
S000-793	LITTLE CEDAR TRIB AT MN-56 IN ADAMS

Project IS812706 MPCA Int. Surv. on DES MOINES R, W FK, at WINDOM

Start Date 01/01/1981 **Planned Duration** 1982, 84

Purpose MPCA Intensive Survey on DES MOINES R, W FK, to determine the wastewater treatment needs for the town of WINDOM

Assigned Stations

Station ID	Station Name
S000-481	W FK DES MOINES R AT US-71 AT WINDOM
S000-890	W FK DES MOINES R AT CSAH-30 5 MI SE OF WINDOM
S000-891	W DESMOINES R-SCT LINE BTN 7/18 3 MI S OF WINDOM
S000-892	W DESMOINES R-T104NR35WS7NWQNWQ 2 MI S OF WINDOM
S000-893	W FK DES MOINES R- N/S RD IN S1 1 MI S OF WINDOM
S000-894	W FK DES MOINES R AT MN-60 IN WINDOM
S000-904	W FK DES MOINES R AT CSAH-16 4.5 MI N OF JACKSON
S000-905	W FK DES MOINES R AT CSAH-19 6.5 MI N OF JACKSON

Project IS812707 MPCA Int. Surv. on WILLIAMS CK at WILLIAMS

Start Date 01/01/1981 **Planned Duration** 1982, 84

Purpose MPCA Intensive Survey on WILLIAMS CK to determine the wastewater treatment needs for the town of WILLIAMS

Assigned Stations

Station ID	Station Name
S000-794	WILLIAMS CK/CD 1 AT CSAH-8 6 MI NE OF WILLIAMS
S000-795	WILLIAMS CK AT CR-61 1 MI NE OF WILLIAMS
S000-796	WILLIAMS C ABV WILLIAMS WWTP IN SEQ OF SWQ OF S7
S000-797	WILLIAMS CK AT CSAH-13 AT WILLIAMS
S000-906	WILLIAMS CK/CD 1 CSAH-12 5.5 MI NE OF WILLIAMS
S000-907	WILLIAMS CK/CD1-NW CORNER OF S4 NE OF WILLIAMS
S000-908	WILLIAMS CK-N HLF OF S7 BY PRIV DR N OF WILLIAMS
S000-992	WILLIAMS CK/CD 1-NW CORNER OF S2 NE OF WILLIAMS

Project IS812708 MPCA Int. Surv. on GROVE CK at GROVE CITY

Start Date 01/01/1981 **Planned Duration** 1982

Purpose MPCA Intensive Survey on GROVE CK to determine the wastewater treatment needs for the town of GROVE CITY

Assigned Stations

Station ID	Station Name
S000-847	GROVE CK AT CSAH-3 7.5 MI NE OF GROVE CITY
S000-848	GROVE CREEK AT CSAH-16 5 MI NE OF GROVE CITY
S000-849	GROVE CK AT RD BTN S18/19 4 MI NE OF GROVE CITY

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-850	GROVE CK AT RD BTN S19/30 3 MI NE OF GROVE CITY
S000-851	GROVE CK- N/S RD IN S36 1.5 MI NE OF GROVE CITY
S000-852	TOWN SLOUGH OUT-T120NR32WS34SEQNWQ AT GROVE CITY
S000-853	TOWN SLOUGH OUTLT AT MN-4 0.5 MI N OF GROVE CITY
S000-854	GROVE CK AT US-12 1 M E OF GROVE CITY
S000-897	GROVE CK AT RD BTN S6/32 7 MI NE OF GROVE CITY

Project IS812709 MPCA Int. Surv. on CANBY CK at CANBY

Start Date 01/01/1981 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CANBY CK to determine the wastewater treatment needs for the town of CANBY

Assigned Stations

Station ID	Station Name
S000-858	CANBY CK AT CSAH-33 3 MI NE OF CANBY
S000-859	CANBY CK AT RD BTN S24/25 2 MI NE OF CANBY
S000-860	CANBY CK AT US-75 1 MI NE OF CANBY
S000-861	CANBY CK AT CSAH-3 0.5 MI E OF CANBY
S000-866	LAZARUS/CANBY C AT RD BTN S11/14 4 MI N OF CANBY

Project IS812710 MPCA Int. Surv. on LITTLE MINNESOTA R at BROWNS VALLEY

Start Date 01/01/1981 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LITTLE MINNESOTA R to determine the wastewater treatment needs for the town of BROWNS VALLEY

Assigned Stations

Station ID	Station Name
S000-732	LITTLE MINNESOTA R ON CSAH-4 AT BROWNS VALLEY
S000-879	L MINN. R NEAR FARM 1 MI SE OF BROWNS VALLEY
S000-880	L MINNESOTA R 0.5 MI SE OF BROWNS VALLEY
S000-881	L MINN R ON TRAVERSE CO LINE AT BROWNS VALLEY
S000-882	L MINNESOTA R ABOVE BROWNS VALLEY WWTP

Project IS812711 MPCA Int. Surv. on LITTLE FORK R at COOK

Start Date 01/01/1981 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LITTLE FORK R to determine the wastewater treatment needs for the town of COOK

Assigned Stations

Station ID	Station Name
S000-867	LITTLE FORK R BTN S20/29 5 MI W OF COOK
S000-868	LITTLE FORK R PRIV DR IN S21NEQ 3.5 MI W OF COOK
S000-869	LITTLE FORK R AT CR-914 IN S22 2.5 MI W OF COOK
S000-870	LITTLE FORK R IN NW CORNER OF S23 2 MI W OF COOK
S000-871	LITTLE FORK R CR-500 BTN S14/23 1.5 MI W OF COOK
S000-872	LITTLE FORK R PRIV DR IN S13SWQ 0.5 MI W OF COOK

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-873	LITTLE FORK R AT US-53 AT COOK
S000-874	LITTLE FORK R BTN S13/18 AT COOK
S000-877	RICE R AT CSAH-25 BTN S21/28 3.5 MI W OF COOK

Project IS822701 MPCA Int. Surv. on OUTLET CK at STARBUCK

Start Date 01/01/1982 **Planned Duration** Completed

Purpose MPCA Intensive Survey on OUTLET CK to determine the wastewater treatment needs for the town of STARBUCK

Assigned Stations

Station ID	Station Name
S000-898	OUTLET CK AT CSAH-14 5 MI SW OF STARBUCK
S000-899	OUTLET CK RD IN SEQ OF S8 4.5 MI SW OF STARBUCK
S000-900	OUTLET CK AT ROAD BTN S5/8 4 MI SW OF STARBUCK
S000-901	OUTLET CK AT RD BTN S33/34 2.5 MI SW OF STARBUCK
S000-902	OUTLET CK AT CR-29 AT STARBUCK
S000-903	SIGNALNESS C RD BTN S15/16 4.5 MI SW OF STARBUCK
S000-928	OUTLET CK DIRECTLY ABOVE STARBUCK WWTP DISCHARGE

Project IS822702 MPCA Int. Surv. on RICEFORD CK at MABEL

Start Date 01/01/1982 **Planned Duration** Completed

Purpose MPCA Intensive Survey on RICEFORD CK to determine the wastewater treatment needs for the town of MABEL

Assigned Stations

Station ID	Station Name
S000-929	RICEFORD CK AT RD IN S19 2.5 MI NE OF MABEL
S000-930	RICEFORD CK IN T101N/R7W/S30/NWQ 2 MI E OF MABEL
S000-931	RICEFORD CK NEXT TO MN-44 1.5 MI E OF MABEL
S000-932	RICEFORD CK AT CSAH-29 1 MI E OF MABEL
S000-933	RICEFORD CK AT MN-44 AT MABEL

Project IS822703 MPCA Int. Surv. on BEAVER CK at NORTH BRANCH

Start Date 01/01/1982 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BEAVER CK to determine the wastewater treatment needs for the town of NORTH BRANCH

Assigned Stations

Station ID	Station Name
S000-941	BEAVER CK (CD-3) AT N/S RD BTN S7/8 (T35N,R20W)
S000-942	DITCH TO BEAVER CK W OF CR-69 IN T35N/R21W/S12
S000-943	BEAVER CK (CD-3) AT RD BTN S12, 13 (T35N,R21W)
S000-944	BEAVER CK (CD-3) AT RD BTN S10, S15 (T35N,R21W)
S000-945	BEAVER CK (CD-3) AT RD BTN S3,S10 (T35N,R21W)

Project IS822704 MPCA Int. Surv. on JEWITTS CK at LITCHFIELD

Project Summary

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Minnesota Pollution Control Agency

Start Date 01/01/1982 **Planned Duration** Completed
Purpose MPCA Intensive Survey on JEWITTS CK to determine the wastewater treatment needs for the town of LITCHFIELD

Assigned Stations

Station ID	Station Name
S000-294	JEWITTS CREEK BETWEEN S13/24, 4 MI N LITCHFIELD
S000-919	JEWITTS CK AT RD BTN S23/26 3 MI N OF LITCHFIELD
S000-920	JEWITTS CK RD BTN S25/30, 2.5 MI N OF LITCHFIELD
S000-921	JEWITTS CK S END DTCH BTN S36/31 N OF LITCHFIELD
S000-922	JEWITTS CREEK AT MN-24, 0.5 MILE N OF LITCHFIELD
S000-923	JEWITTS CR AT CSAH-42/ARMSTRONG AV AT LITCHFIELD
S001-165	UNN TRIB TO JEWITTS CK AT MN-24 NE OF LITCHFIELD
S001-166	JEWITTS CK 0.1 MI DOWN OF CSAH-42, IN LITCHFIELD
S001-208	JEWITTS CREEK AT SIBLEY AVE/MN-22 AT LITCHFIELD
S001-209	JEWITTS CK AT L RIPLEY OUTLET 1 MI SW LITCHFIELD

Project IS822705 MPCA Int. Surv. on LOST R at GONVICK

Start Date 01/01/1982 **Planned Duration** Completed
Purpose MPCA Intensive Survey on LOST R to determine the wastewater treatment needs for the town of GONVICK

Assigned Stations

Station ID	Station Name
S000-924	LOST R AT RD BTN S34/35 1.5 MI N OF GONVICK
S000-925	LOST R AT ROAD BETWEEN S2/3 0.5 MI N OF GONVICK
S000-926	LOST R AT T149N/R38W/S3/SEQ/SEQ AT GONVICK
S000-927	LOST R AT RD IN T149N/R38W/S10/NWQ/SWQ, GONVICK
S001-005	LOST R AT RD BTN S27/34 2 MI N OF GONVICK
S001-006	LOST R AT E/W RD BTN S2/35 1 MI N OF GONVICK
S001-007	LOST R AT E/W RD IN MID S21 1.5 MI S OF GONVICK
S001-020	SILVER CK AT RD BTN S2/35 1 MI NE OF GONVICK

Project IS822706 MPCA Int Surv on TROUT LK, TR CK, SWAN R at BOVEY-COLERAINE

Start Date 01/01/1982 **Planned Duration** 1983
Purpose MPCA Intensive Survey on TROUT LK, TR CK, SWAN R to determine the wastewater treatment needs for the town of BOVEY-COLERAINE

Assigned Stations

Station ID	Station Name
S000-935	SWAN R AT CSAH-21 4 MI S OF BOVEY
S000-936	SWAN R AT CSAH-10 BTN S15/22 3.5 MI S OF BOVEY
S000-937	TROUT CK AT CSAH-10 BTN S15/22 3 MI S OF BOVEY
S000-938	TROUT CK AT CSAH-70 3 MI SE OF BOVEY
S000-939	TROUT CK AT CSAH-10 BTN S9/10 2.5 MI SE OF BOVEY
S000-940	UNNAMED CK AT CSAH-10 IN T56N/R24W/S32 AT BOVEY
S000-953	UNNAMED CK AT CSAH-10 IN T55N/R24W/S4 NEAR BOVEY
S000-954	UNNAMED CK AT INLET TO TROUT LAKE IN S5 NR BOVEY

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project IS832701 MPCA Int. Surv. on CHIPPEWA R at CYRUS
Start Date 01/01/1983 **Planned Duration** Completed
Purpose MPCA Intensive Survey on CHIPPEWA R to determine the wastewater treatment needs for the town of CYRUS

Assigned Stations

Station ID	Station Name
S000-961	CHIPPEWA R AT CSAH-18 4 MI SE OF CYRUS
S000-962	CHIPPEWA R AT ROAD BTN S34/3 3.5 MI SE OF CYRUS
S000-963	CHIPPEWA R AT ROAD BTN S27/34 2.5 MI SE OF CYRUS
S000-964	CHIPPEWA R AT MN-28 AT CYRUS
S000-965	L CHIPPEWA R AT CR-73 3.5 MI SE OF CYRUS
S000-979	CHIPPEWA R IN T125NR40WS28NWQSEQ EAST OF CYRUS

Project IS832702 MPCA Int. Surv. on MINNEOPA CK at LAKE CRYSTAL
Start Date 01/01/1983 **Planned Duration** Completed
Purpose MPCA Intensive Survey on MINNEOPA CK to determine the wastewater treatment needs for the town of LAKE CRYSTAL

Assigned Stations

Station ID	Station Name
S000-766	MINNEOPA CK AT CSAH-20 AT LAKE CRYSTAL
S000-767	MINNEOPA CK AT CR-111 1.5 MI NW OF LAKE CRYSTAL
S000-948	CO DITCH 27 AT CSAH-6 AT LAKE CRYSTAL

Project IS832704 MPCA Int. Surv. on ROCK R at HOLLAND
Start Date 01/01/1983 **Planned Duration** Completed
Purpose MPCA Intensive Survey on ROCK R to determine the wastewater treatment needs for the town of HOLLAND

Assigned Stations

Station ID	Station Name
S000-973	ROCK R AT CSAH-7 1.5 MI S OF HOLLAND
S000-974	ROCK R AT CSAH-16 BTN S13/18 0.5 MI S OF HOLLAND
S000-975	ROCK R AT RD BTN S12/13 0.5 MI S OF HOLLAND
S000-976	ROCK R AT CSAH-16 BTN S7/12 0.5 MI S OF HOLLAND

Project IS832705 MPCA Int. Surv. on LESUEUR R at WASECA
Start Date 01/01/1983 **Planned Duration** Completed
Purpose MPCA Intensive Survey on LESUEUR R to determine the wastewater treatment needs for the town of WASECA

Assigned Stations

Station ID	Station Name
S000-656	LESUEUR R AT CSAH-3 6 MI S OF JANESVILLE
S000-657	LESUEUR R AT CSAH-33 6 MI S OF JANESVILLE
S000-658	LESUEUR R AT ROAD BTN S31/32 6 MI SW OF WASECA
S000-659	LESUEUR R AT CSAH-29 BTN S4/33 5 MI SW OF WASECA
S000-661	CD#38 AT CSAH-9 BTN S27/28 4 MI SW OF WASECA

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-662	LESUEUR R AT ROAD BTN S34/35 4 MI SW OF WASECA
S000-971	TRIB 0.1 MI ABV MOUTH IN S34 4.5 MI SW OF WASECA

Project IS832706 MPCA Int. Surv. on WHITEWATER R, N FK, at PLAINVIEW

Start Date 01/01/1983 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WHITEWATER R, N FK, to determine the wastewater treatment needs for the town of PLAINVIEW

Assigned Stations

Station ID	Station Name
S000-452	NF WHITEWATER TRIB- CSAH-25 2 MI SE OF PLAINVIEW
S000-774	NF WHITEWATER R IN MID OF S3 5 MI S OF PLAINVIEW
S000-775	NF WHITEWATER TRIB IN S34NWQSEQ SE OF PLAINVIEW
S000-978	NF WHITEWATER-E OF CARLEY ST PK CMPGD E OF ELGIN
S000-981	NF WHITEWATER R BLW TRIB S34NWQ SE OF PLAINVIEW
S000-982	NF WHITEWATER BTN S33/34 3.5 MI SE OF PLAINVIEW

Project IS832707 MPCA Int. Surv. on COBURN CK at BLACKDUCK

Start Date 01/01/1983 **Planned Duration** 1984

Purpose MPCA Intensive Survey on COBURN CK to determine the wastewater treatment needs for the town of BLACKDUCK

Assigned Stations

Station ID	Station Name
S000-387	COBURN CK AT PUBLIC ACCESS ON BLACKDUCK LAKE
S000-388	COBURN CK AT CSAH-30 IN S11 1 MI W OF BLACKDUCK
S000-389	COBURN C PRIV DR BTN S11/12 0.5 MI W OF BLACKDUK
S000-955	COBURN CK AT CSAH-30 BTN S12/13 AT BLACKDUCK
S000-956	CRANDALL L TO BLACKDUCK L TRIB IN S14 AT CSAH-35
S000-957	BLACKDUCK L TRIB RD IN S16SEQ 3 MI W OF BLACKDUK
S000-958	BLACKDUCK L TRIB CSAH-31 IN S17 W OF BLACKDUCK
S000-959	UNNAMED L TO W SIDE BLACKDUCK L TRIB BTN S8/17
S000-960	BLACKDUCK R- CSAH-30 IN S4 3 MI NW OF BLACKDUCK

Project IS832708 MPCA Int. Surv. on SPRING LK at DASSEL

Start Date 01/01/1983 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SPRING LK to determine the wastewater treatment needs for the town of DASSEL

Assigned Stations

Station ID	Station Name
S000-951	TRIB TO SPRING L AT RD BTN S22/27 NEAR DASSEL
S000-952	SPRING L OUTLET AT US-12 0.5 MI E OF DASSEL

Project IS832709 MPCA Int. Surv. on WHISKEY LK at BRANDON

Start Date 01/01/1983 **Planned Duration** Completed

Project Summary

March 03, 2009 12:28:21

MNPCA1

Minnesota Pollution Control Agency

Purpose MPCA Intensive Survey on WHISKEY LK to determine the wastewater treatment needs for the town of BRANDON

Assigned Stations

Station ID	Station Name
S000-980	DI TO WHISKEY L IN T129N/R39W/S22/SWQ NR BRANDON

Project IS842701 MPCA Int. Surv. on HAWK CK at WILLMAR

Start Date 01/01/1984 **Planned Duration** Completed

Purpose MPCA Intensive Survey on HAWK CK to determine the wastewater treatment needs for the town of WILLMAR

Assigned Stations

Station ID	Station Name
S000-601	HAWK CK AT CR-87 4 MI SW OF WILLMAR
S000-602	HAWK CK AT N/S ROAD IN S24 2.5 MI SW OF WILLMAR
S000-603	CO DITCH 46 AT CSAH-5 1 MI SW OF WILLMAR
S000-604	HAWK CK AT MN-40 1 MI SW OF WILLMAR
S000-991	CO DITCH 46 CULVERT ABOVE WILLMAR WWTP OUTFALL

Project IS842702 MPCA Int. Surv. on STRAIGHT R at OWATONNA, FARIBAULT

Start Date 01/01/1984 **Planned Duration** Completed

Purpose MPCA Intensive Survey on STRAIGHT R to determine the wastewater treatment needs for the town of OWATONNA, FARIBAULT

Assigned Stations

Station ID	Station Name
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-300	STRAIGHT R.CSAH-45 CLINTON FALLS
S000-449	STRAIGHT R AT CSAH-34 BTN S4/33 N OF OWATONNA
S000-450	STRAIGHT R 200 YDS ABOVE OWATONNA WWTF OUTFALL
S000-467	STRAIGHT R- T108N/R20W/S33/SEQ/NWQ N OF OWATONNA
S000-468	STRAIGHT R NEAR CENTER OF SEC 4 N OF OWATONNA
S001-001	STRAIGHT R AT CSAH-9 2 MI S OF MEDFORD

Project IS842703 MPCA Int. Surv. on CROW R, S FK, at HUTCHINSON

Start Date 01/01/1984 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CROW R, S FK, to determine the wastewater treatment needs for the town of HUTCHINSON

Assigned Stations

Station ID	Station Name
S000-051	S FK CROW R. SH-22 1 MI NW OF BISCAY
S000-348	S FK CROW R AT CSAH-67 2.5 MI SE OF HUTCHINSON
S000-349	S F CROW R BY RD BTN S8/17 1 MI SE OF HUTCHINSON
S000-350	S FK CROW R AT MN-22 AT HUTCHINSON
S000-352	S FK CROW R AT 2ND AVE S IN HUTCHINSON
S000-395	S FK CROW R AT E/W ROAD IN S31 2 MI SE OF BISCAY
S000-396	S FK CROW R AT RD BTN S25/36 0.5 MI SE OF BISCAY

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MNPCA1 Minnesota Pollution Control Agency

Project IS842704 MPCA Int. Surv. on UNION CK at WADENA

Start Date 01/01/1984 **Planned Duration** Completed

Purpose MPCA Intensive Survey on UNION CK to determine the wastewater treatment needs for the town of WADENA

Assigned Stations

Station ID	Station Name
S000-985	LEAF R AT CR-109 5 MI NE OF WADENA
S000-986	LEAF R AT US-71 3 MI NE OF WADENA
S000-987	UNION CK AT RD BTN S28/33 2.5 MI NE OF WADENA
S000-988	UNION CK IN T134N/R35W/S5/NEQ/SWQ NE OF WADENA
S000-989	UNION CK ABV WADENA WWTP IN T134NR35WS5SWQSEQ
S000-990	WHISKY CK ABV MOUTH IN S5 NE OF WADENA
S001-002	UNION C IN T134NR35WS4NEQNWQ 1.5 MI NE OF WADENA

Project IS842705 MPCA Int. Surv. on RAVEN STR at NEW PRAGUE

Start Date 01/01/1984 **Planned Duration** 1985

Purpose MPCA Intensive Survey on RAVEN STR to determine the wastewater treatment needs for the town of NEW PRAGUE

Assigned Stations

Station ID	Station Name
S000-606	EBR RAVEN STR AT RD IN S20 2 MI NW OF NEW PRAGUE
S000-691	E BR RAVEN STREAM TRIB AT CSAH-37 AT NEW PRAGUE
S000-752	RAVEN STREAM AT MN-21 3 MI N OF NEW PRAGUE
S000-753	EBR RAVEN STR AT CR-54 1.5 MI NW OF NEW PRAGUE
S000-754	E RAVEN TRIB AT MN-21 BTN S33/34 AT NEW PRAGUE
S000-993	EBR RAVEN STR AT RD IN S32 1 MI W OF NEW PRAGUE
S001-004	E RAVEN TRIB AT N/S RD IN S34NWQ AT NEW PRAGUE
S001-732	W BR RAVEN STR ON ST BENEDICT RD IN ST BENEDICT, MN
S001-764	RAVEN STR AT CR 64, 1 MI S OF HELENA

Project IS842706 MPCA Int. Surv. on DES MOINES R, E FK, at CEYLON

Start Date 01/01/1984 **Planned Duration** Completed

Purpose MPCA Intensive Survey on DES MOINES R, E FK, to determine the wastewater treatment needs for the town of CEYLON

Assigned Stations

Station ID	Station Name
S000-141	EAST FORK DES MOINES R AT MN-263, 2 MI NE CEYLON
S000-998	E DES MOINES R-L TUTTLE L INLT 1 MI NE OF CEYLON
S000-999	JUD DITCH 26 AT RD BTN S13/24 0.5 MI N OF CEYLON
S001-000	E DES MOINES R- RD BTN S12/13 1.5 MI N OF CEYLON

Project IS842707 MPCA Int. Surv. on UNN TRIB-SUNRISE at CHISAGO CITY-LNDSTRM

Start Date 01/01/1984 **Planned Duration** Completed

Purpose MPCA Intensive Survey on UNNAMED TRIBUTARY TO SUNRISE RIVER to determine the

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose wastewater treatment needs for the town of CHISAGO CITY - LINDSTROM

Assigned Stations

Station ID	Station Name
S000-994	SUNRISE RIVER AT CSAH-14, 4 MI NW OF LINDSTROM
S000-995	TRIB TO SUNRISE R AT CSAH-19, .5 MI NW LINDSTROM
S000-996	TRIB TO SUNRISE R AT CR-77, 2 MI NW OF LINDSTROM
S000-997	TRIB TO SUNRISE R AT IVYWOOD TRAIL NW LINDSTROM

Project IS852701 MPCA Int. Surv. on CANBY CK at CANBY

Start Date 01/01/1985 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CANBY CK to determine the wastewater treatment needs for the town of CANBY

Assigned Stations

Station ID	Station Name
S000-858	CANBY CK AT CSAH-33 3 MI NE OF CANBY
S000-859	CANBY CK AT RD BTN S24/25 2 MI NE OF CANBY
S000-860	CANBY CK AT US-75 1 MI NE OF CANBY
S000-861	CANBY CK AT CSAH-3 0.5 MI E OF CANBY
S000-866	LAZARUS/CANBY C AT RD BTN S11/14 4 MI N OF CANBY
S001-009	LAZARUS/CANBY CK AT CSAH-4 5 MI N OF CANBY
S001-010	LAZARUS CK AT RD BTN S14/15 3 MI N OF CANBY
S001-013	CANBY CK AT RD BTN S13/18 3.5 MI SW OF CANBY

Project IS852702 MPCA Int. Surv. on SHELL ROCK R at ALBERT LEA

Start Date 01/01/1985 **Planned Duration** 1979

Purpose MPCA Intensive Survey on SHELL ROCK R to determine the wastewater treatment needs for the town of ALBERT LEA

Assigned Stations

Station ID	Station Name
S000-002	ALBERT LEA LAKE AT ALBERT LEA
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONVILLE
S001-011	SHELL ROCK R AT MN-65 1 MI SE OF GLENVILLE
S001-012	SHELL ROCK R ABV ALBERT LEA WWTP IN S25SEQNEQ

Project IS852703 MPCA Int. Surv. on LITTLE ELK R at RANDALL

Start Date 01/01/1985 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LITTLE ELK R to determine the wastewater treatment needs for the town of RANDALL

Assigned Stations

Station ID	Station Name
S000-412	LITTLE ELK R AT CO RD 210 IN S15 SE OF RANDALL
S000-413	LITTLE ELK R AT T130N/R30W/S10/SEQ/SEQ NR RANDAL
S000-414	LITTLE ELK R AT CO RD 209 1.5 MI E OF RANDALL
S000-415	LITTLE ELK R AT RD IN T130N/R30W/S8/SWQ, RANDALL
S000-417	LITTLE ELK R AT BR MN-115 AT RANDALL

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Station ID	Station Name
S000-418	S BR LITTLE ELK R AT CSAH-9 AT RANDALL
S001-018	LITTLE ELK R AT CO RD 210 BTN S22/23 NR RANDALL
S001-019	LITTLE ELK R BTN S8/9 0.5 MI E OF RANDALL

Project IS852704 MPCA Int. Surv. on NORWEGIAN CK at ELLSWORTH

Start Date 01/01/1985 **Planned Duration** Completed

Purpose MPCA Intensive Survey on NORWEGIAN CK to determine the wastewater treatment needs for the town of ELLSWORTH

Assigned Stations

Station ID	Station Name
S001-014	NORWEGIAN C- T101NR44WS25SEQ 2 MI W OF ELLSWORTH
S001-015	NORWEGIAN C S OF CMTRY IN S30 1 MI W OF ELLSWORTH
S001-016	NORWEGIAN CK AT CSAH-11 0.5 MI NW OF ELLSWORTH
S001-017	NORWEGIAN CK AT MN-91 AT ELLSWORTH

Project IS852706 MPCA Intensive Survey on LAKE CRYSTAL (19-0027) INLETS

Start Date 01/01/1985 **Planned Duration** Completed

Purpose LAKE CRYSTAL (19-0027) INFLOW SAMPLING FOR LEAD, 1985

Assigned Stations

Station ID	Station Name
S001-023	STMS TO CRYSTAL LK FRM BLUEBILL BY RD,BURNSVILLE
S001-024	NO STMS TO CRYSTAL LK FROM I-35, BURNSVILLE
S001-025	SO STMS TO CRYSTAL LK FROM I-35, BURNSVILLE
S001-026	CULVRT INL TO CRYSTAL LK FRM KELLER LK,BURNSVILL

Project IS862701 MPCA Int. Surv. on LAKE VOLNEY TRIBS at LECENTER

Start Date 01/01/1986 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LAKE VOLNEY TRIBS to determine the wastewater treatment needs for the town of LECENTER

Assigned Stations

Station ID	Station Name
S001-034	DI TO LAKE VOLNEY AT CR-138 5 MI SE OF LECENTER
S001-035	TILE TO LAKE VOLNEY ON CR136 5 MI SE OF LECENTER
S001-036	DI TO LAKE VOLNEY IN T111N/R23W/S31/SWQ/SWQ/NWQ
S001-092	LAKE VOLNEY OUTLET NR ACCESS 5 MI SE OF LECENTER

Project IS862702 MPCA Int. Surv. on SWAN LAKE TRIBS at PENGILLY

Start Date 01/01/1986 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SWAN LAKE TRIBS to determine the wastewater treatment needs for the town of PENGILLY

Assigned Stations

Station ID	Station Name
S000-072	O'BRIEN BROOK CSAH-12 PENGILLY

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Station ID	Station Name
S001-033	HAY CREEK AT CSAH-12 4 MILES SOUTH OF PENGILLY
S001-043	O'BRIEN CK AT INLET TO SWAN L 3 MI S OF PENGILLY
S001-044	OXHIDE CK AT INLET TO SWAN LAKE AT PENGILLY
S001-076	HAY CK AT RRRING IN S26 5 MI SE OF PENGILLY
S001-077	BUTLER SWG LGN TO PICKEREL CK 1 MI N OF PENGILLY

Project IS862703 MPCA Int. Surv. on WELCOME CK at KEEWATIN

Start Date 01/01/1986 **Planned Duration** Completed

Purpose MPCA Intensive Survey on WELCOME CK to determine the wastewater treatment needs for the town of KEEWATIN

Assigned Stations

Station ID	Station Name
S001-085	WELCOME CK AT RD IN S36/NEQ 1 MI S OF KEEWATIN
S001-086	WELCOME CK AT RD BTN S25/36 0.5 MI S OF KEEWATIN
S001-087	WELCOME CK AT US-169 AT KEEWATIN

Project IS862704 MPCA Int. Surv. on ELBOW CK at EVELETH

Start Date 01/01/1986 **Planned Duration** Completed

Purpose MPCA Intensive Survey on ELBOW CK to determine the wastewater treatment needs for the town of EVELETH

Assigned Stations

Station ID	Station Name
S001-063	ELBOW CK AT RRRING BY ELBOW L 3 MI SW OF EVELETH
S001-064	ELBOW CK AT CSAH-19 3 MI SW OF EVELETH
S001-065	ELBOW CK AT CO RD 755 2 MI SW OF EVELETH
S001-066	ELBOW CK AT CO RD 317 1.5 MI SW OF EVELETH
S001-067	ELBOW CK AT ROAD IN S6/NWQ 0.5 MI SW OF EVELETH
S001-068	ELBOW CK ABV WWTP IN S6/NEQ AT EVELETH

Project IS862705 MPCA Int. Surv. on HIGH ISLAND CK at ARLINGTON

Start Date 01/01/1986 **Planned Duration** Completed

Purpose MPCA Intensive Survey on HIGH ISLAND CK to determine the wastewater treatment needs for the town of ARLINGTON

Assigned Stations

Station ID	Station Name
S000-436	HIGH ISLAND CK BTN S13/18 3 MI E OF ARLINGTON
S000-437	HIGH ISLAND CK AT RD IN S14 1 MI E OF ARLINGTON
S000-438	HIGH ISLAND CK AT CR-66 AT ARLINGTON
S001-072	HIGH IS CK WALK-IN SITE IN NWQ OF NWQ OF S13
S001-073	CULVRT TO HIGH IS CK OFF RD 1 MI E OF ARLINGTON
S001-074	HIGH IS CK WALK-IN SITE IN SWQ OF NEQ OF S15
S001-075	STRMSWR TO HIGH IS CK BY CITY GARGE AT ARLINGTON
S001-093	HIGH IS CK UPSTREAM OF TILE DRAIN E OF ARLINGTON

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MNPCA1 Minnesota Pollution Control Agency

Station ID S001-094 **Station Name** CNTY TILE DR TO HIGH IS CK .2 MI E OF ARLINGTON

Project IS862706 MPCA Int. Surv. on CD 40A TO S BR RUSH R at LAFAYETTE
Start Date 01/01/1986 **Planned Duration** Completed
Purpose MPCA Intensive Survey on CD 40A TO S BR RUSH R to determine the wastewater treatment needs for the town of LAFAYETTE

Assigned Stations

Station ID	Station Name
S000-490	DITCH AT CSAH-1 1 MI E OF LAFAYETTE
S001-054	DITCH OFF CSAH-1 AT E EDGE OF LAFAYETTE
S001-055	DITCH AT RD BETWEEN S12/7 0.5 MI SE OF LAFAYETTE
S001-056	DITCH AT CSAH-1 IN S7/NEQ/NEQ 1 M E OF LAFAYETTE

Project IS862707 MPCA Int. Surv. on CURTIS CK at WYKOFF
Start Date 01/01/1986 **Planned Duration** Completed
Purpose MPCA Intensive Survey on CURTIS CK to determine the wastewater treatment needs for the town of WYKOFF

Assigned Stations

Station ID	Station Name
S001-038	CURTIS (CARTERS) CK AT GRAVEL RD IN S4/SEQ/SEQ
S001-039	CURTIS (CARTERS) CK IN S9/SEQ/NEQ N OF WYKOFF
S001-040	CURTIS (CARTERS) CK AT CSAH-5 2 MI N OF WYKOFF
S001-041	CURTIS (CARTERS) CK TRIB IN S9/SEQ N OF WYKOFF
S001-042	CURTIS/CARTERS C 100YD ABOVE WYKOFF WWTP OUTFALL

Project IS862708 MPCA Int. Surv. on PROVIDENCE CK at AMBOY
Start Date 01/01/1986 **Planned Duration** Completed
Purpose MPCA Intensive Survey on PROVIDENCE CK to determine the wastewater treatment needs for the town of AMBOY

Assigned Stations

Station ID	Station Name
S001-045	PROVIDENCE C (JD49) AT CSAH-1 AT STERLING CENTER
S001-046	PROVIDENCE CK (JD#49) AT CR-151 3 MI NE OF AMBOY
S001-047	PROVIDENCE C (JD#49) AT CR-149 2.5 MI E OF AMBOY
S001-048	PROVIDENCE C (JD#49) W OF CR149 2.5MI E OF AMBOY
S001-049	TILE DRAIN TO PROVIDENCE C W OF CR149 E OF AMBOY
S001-050	PROVIDENCE CK (JD#49) AT MN-30 1 MI E OF AMBOY

Project IS862709 MPCA Int. Surv. on ST JAMES CK at ST JAMES
Start Date 01/01/1986 **Planned Duration** Completed
Purpose MPCA Intensive Survey on ST JAMES CK to determine the wastewater treatment needs for the town of ST JAMES

Assigned Stations

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Station ID	Station Name
S000-478	ST JAMES CREEK AT CSAH-14 AT ST JAMES
S001-078	ST JAMES CK AT RD BTN S32/5 4 MI NE OF ST JAMES
S001-079	ST JAMES CK WALK-IN SITE 3 MI NE OF ST JAMES
S001-080	ST JAMES CREEK AT CSAH-14 2 MI NE OF ST JAMES
S001-081	ST JAMES CK IN T106N/R31W/S7/SEQ NE OF ST JAMES
S001-082	ST JAMES L OUTLET/STORMSEWR TO SJ CK AT ST JAMES
S001-083	STORMSEWER TO ST JAMES CK AT ST JAMES
S001-084	ST JAMES CK AT MN-60 0.5 MI E OF ST. JAMES

Project IS862710 MPCA Int. Surv. on CENTER CK at FAIRMONT

Start Date 01/01/1986 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CENTER CK to determine the wastewater treatment needs for the town of FAIRMONT

Assigned Stations

Station ID	Station Name
S000-138	CENTER CREEK BRIDGE ON MN-15, 0.5 MI N FAIRMONT
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-347	CENTER CREEK AT CR-143 (NORTH AVE) AT FAIRMONT
S000-406	CENTER CREEK AT MN-262 AT GRANADA
S000-408	CENTER CREEK AT I-90 AT FAIRMONT
S001-088	CENTER CREEK BETWEEN S27/28 2 MI EAST OF GRANADA
S001-089	CENTER CREEK BETWEEN S28/29 1 MI EAST OF GRANADA
S001-090	JD-70 AT E-W ROAD IN T103N/R29W/S31 BY GRANADA
S001-091	S SEWER TO CENTER CK ON W SIDE MN-15 AT FAIRMONT

Project IS872701 MPCA Int. Surv. on SOUTH TWO RIVERS at HOLDINGFORD

Start Date 01/01/1987 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SOUTH TWO RIVERS to determine the wastewater treatment needs for the town of HOLDINGFORD

Assigned Stations

Station ID	Station Name
S000-424	S TWO R AT E/W RD ON MORRISON/STEARNS CO LINE
S000-425	S TWO R AT BR BETWEEN S3/4 (T126,R30W)
S001-101	S TWO R AT TWP RD IN S34, HOLDING TWP, .5 M S O
S001-102	S TWO R AT RR BR IN SEC 4, HOLDING TWP
S001-103	UNAMED TRIB AT PRIV RD S5, HOLD TWP 40 FT ABV MO
S001-104	S TWO R 70 FT ABV DSTM CONFL UNAMD TRIB SEC 5
S001-105	S TWO R 200 FT ABOVE HOLDINGFORD STP OUTFALL

Project IS872702 MPCA Int. Surv. on GROUNDHOUSE R at OGILVIE

Start Date 01/01/1987 **Planned Duration** Completed

Purpose MPCA Intensive Survey on GROUNDHOUSE R to determine the wastewater treatment needs for the town of OGILVIE

Project Summary

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Assigned Stations

Station ID	Station Name
S001-096	GROUNDHOUSE R 50FT ABOVE S FK GROUNDHOUS R CONFL
S001-097	GROUNDHOUSE R AT CSAH-10 2M SE OF OGILVIE
S001-098	GROUNDHOUSE R ON S LN OF S36 0.5 M SE OF OGILVIE
S001-099	GROUNDHOUSE R AT MN 23 BR 0.5 M E OF OGILVIE

Project IS872703 MPCA Int. Surv. on SPLIT ROCK CK at JASPER

Start Date 01/01/1987 **Planned Duration** Completed

Purpose MPCA Intensive Survey on SPLIT ROCK CK to determine the wastewater treatment needs for the town of JASPER

Assigned Stations

Station ID	Station Name
S001-139	SPLIT ROCK C AT RD BTWN S13/24 4 M SW OF JASPER
S001-140	UNNAMED TRIB AT RD BTWN S18/19 3 M SW OF JASPER
S001-141	SPLIT RK C AT RD BTWN S12/13 2.5 M SW OF JASPER
S001-142	SPLIT ROCK C AT RD BTWN S1/12 1.5 M SW OF JASPER
S001-143	UNNAMED TRIB AT MN-23 BRIDGE 0.3 M SW OF JASPER
S001-144	SPLIT ROCK C 0.2 M W OF JASPER AT COUNTY LINE

Project IS872704 MPCA Int. Surv. on LOST R at OKLEE

Start Date 01/01/1987 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LOST R to determine the wastewater treatment needs for the town of OKLEE

Assigned Stations

Station ID	Station Name
S001-125	LOST R IN SEQ/NWQ/T150N/R41W/S5 3.5 MI W OF OKLEE
S001-126	LOST R AT RD BTN S4/5 T150N/R41W 3 MI W OF OKLE
S001-127	LOST R IN NWQ/SEQ/T150N/R41W/S4 2.5 MI W OF OKLE
S001-128	LOST R AT CR-131, 2 MI W OF OKLEE
S001-129	LOST R AT RD BTN S2/3 T150N/R41W 1 MI W OF OKLEE
S001-130	TRIB ABV CFL WITH LOST R AT W LINE S2/T150N/R41W
S001-131	LOST R AT CSAH-5 AT OKLEE
S001-132	LOST R ABV OKLEE STORM SEWER 1/8 MI ABV CSAH-5

Project IS872705 MPCA Int. Surv. on LAC QUI PARLE R at DAWSON

Start Date 01/01/1987 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LAC QUI PARLE R to determine the wastewater treatment needs for the town of DAWSON

Assigned Stations

Station ID	Station Name
S001-110	LAC QUI PARLE R IN CENTER S10 2.5 MI NW OF DAWSO
S001-111	LAC QUI PARLE R AT PRIV RD S14 2 MI NE OF DAWSON
S001-112	LAC QUI PARLE R AT PRIV RD (NO. OF US-212) S15 1 MI E DAWSON

Project Summary

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Station ID	Station Name
S001-113	LAC QUI PARLE R (AKA S BR) AT RR BRIDGE 1 MI SE OF DAWSON
S001-114	W BR LAC QUI PARLE R AT PRIV RD S22 E OF DAWSON
S001-115	W BR LAC QUI PARLE R 10 FT ABV DAWSON WWTP DSCHG
S001-116	JUDICIAL DITCH 4 30 FT BELOW FIRST ST AT DAWSON

Project IS872706 MPCA Int. Surv. on LITTLE ELK R at RANDALL

Start Date 01/01/1967 **Planned Duration** Completed

Purpose MPCA Intensive Survey on LITTLE ELK R to determine the wastewater treatment needs for the town of RANDALL

Assigned Stations

Station ID	Station Name
S000-413	LITTLE ELK R AT T130N/R30W/S10/SEQ/SEQ NR RANDAL
S000-414	LITTLE ELK R AT CO RD 209 1.5 MI E OF RANDALL
S000-415	LITTLE ELK R AT RD IN T130N/R30W/S8/SWQ, RANDALL
S000-417	LITTLE ELK R AT BR MN-115 AT RANDALL
S000-418	S BR LITTLE ELK R AT CSAH-9 AT RANDALL
S001-019	LITTLE ELK R BTN S8/9 0.5 MI E OF RANDALL

Project IS872707 MPCA Int. Surv. on CENTER CK at FAIRMONT

Start Date 01/01/1967 **Planned Duration** Completed

Purpose MPCA Intensive Survey on CENTER CK to determine the wastewater treatment needs for the town of FAIRMONT

Assigned Stations

Station ID	Station Name
S000-138	CENTER CREEK BRIDGE ON MN-15, 0.5 MI N FAIRMONT
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-406	CENTER CREEK AT MN-262 AT GRANADA
S000-408	CENTER CREEK AT I-90 AT FAIRMONT
S001-091	S SEWER TO CENTER CK ON W SIDE MN-15 AT FAIRMONT
S001-121	CENTER CK 25 FT ABV FAIRMONT WWTP DISCHARGE
S001-145	CENTER CK ON SECT LINE NWQ/SWQ S36 NE OF FAIRMON
S001-146	CENTER CK 1/4 MI W OF S33/34 LINE NE OF FAIRMONT
S001-147	CENTER CK 50 FT ABV JUD DT 48 AT FAIRMONT

Project IS872708 MPCA Int. Surv. on DES MOINES R, W FK, at WINDOM

Start Date 01/01/1987 **Planned Duration** 1988

Purpose MPCA Intensive Survey on DES MOINES R, W FK, to determine the wastewater treatment needs for the town of WINDOM

Assigned Stations

Station ID	Station Name
S000-049	DES MOINES R.-W FK. NW OF JACKSON
S000-481	W FK DES MOINES R AT US-71 AT WINDOM
S000-890	W FK DES MOINES R AT CSAH-30 5 MI SE OF WINDOM

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-891	W DESMOINES R-SCT LINE BTN 7/18 3 MI S OF WINDOM
S000-892	W DESMOINES R-T104NR35WS7NWQNWQ 2 MI S OF WINDOM
S000-893	W FK DES MOINES R- N/S RD IN S1 1 MI S OF WINDOM
S000-904	W FK DES MOINES R AT CSAH-16 4.5 MI N OF JACKSON
S000-905	W FK DES MOINES R AT CSAH-19 6.5 MI N OF JACKSON
S001-148	W DES MOINES R 50 FT ABV WINDOM WWTP OUTFALL
S001-157	W DES MOINES NWQ/NEQ/S6/T103N/R35W 9 M SE WINDOM

Project IS872709 MPCA Intensive Survey on GUN LAKE INLET

Start Date 01/01/1987 **Planned Duration** Completed
Purpose MPCA Intensive Survey on GUN LAKE INLET

Assigned Stations

Station ID	Station Name
S001-095	DT TO GUN L AT CSAH 5 3 MI S OF PALISADE
S001-122	JENKINS L OUTLET AT UNN RD S11 4 M S OF PALISADE
S001-123	JENKINS L OUT DT 1 M N OF L 3.5 M SE OF PALISADE
S001-124	DT TO GUN L AT JCT S1/2/11/12 4 MI SE OF PALISAD

Project IS872710 MPCA Intensive Survey on ELBOW LK

Start Date 01/01/1987 **Planned Duration** Completed
Purpose MPCA Intensive Survey on ELBOW LK

Assigned Stations

Station ID	Station Name
S001-064	ELBOW CK AT CSAH-19 3 MI SW OF EVELETH
S001-065	ELBOW CK AT CO RD 755 2 MI SW OF EVELETH
S001-066	ELBOW CK AT CO RD 317 1.5 MI SW OF EVELETH
S001-068	ELBOW CK ABV WWTP IN S6/NEQ AT EVELETH
S001-158	ELBOW CK .1 MILES NORTH OF COUNTY ROAD 452 NEAR
S001-159	ELBOW CK AT CULVERT AT N END OF PARK IN EVELETH
S001-160	ELBOW CK AT MN-53 .5 MI N OF EVELETH

Project IS872711 MPCA Intensive Survey on WALL LK

Start Date 01/01/1987 **Planned Duration** Completed
Purpose MPCA Intensive Survey on WALL LK

Assigned Stations

Station ID	Station Name
S001-120	UNN INLET CK ON E SIDE OF WALL LK T132N/R42W/S3

Project IS872712 MPCA Intensive Survey on BIG BIRCH LK

Start Date 01/01/1987 **Planned Duration** Completed
Purpose MPCA Intensive Survey on BIG BIRCH LK

Assigned Stations

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S001-106	UNN CK BTWN BIG AND LITTLE BIRCH LK AT UNN RD
S001-107	UNN CK TO BIG BIRCH AT MN-2 1.5 M S OF GREY EAGL
S001-108	UNN CK TO B BIR AT MN-47 2.5 MI SE OF GREY EAGLE
S001-109	FISH CK AT MN-47 3.5 M SE OF GREY EAGLE

Project IS872713 MPCA Intensive Survey on MINNIE BELLE LK

Start Date 01/01/1987 **Planned Duration** Completed

Purpose MPCA Intensive Survey on MINNIE BELLE LK

Assigned Stations

Station ID	Station Name
S001-100	DITCH121 TO LK MIN BELLE SWQ/NWQ/S14/T118N/R31W [MB2]
S001-117	OUTLET OF LK MINNIE BELLE E OF CONTROL DAM NEQ/SEQ/S11 [MBO]
S001-118	DITCH TO LK MINNIE BELLE E OF BAY ON SW END OF LK [MB1]
S001-119	TILE TO LK MIN BELLE LT#40 NWQ/NWQ/S13/T118N/R31 [MB7]
S001-133	INLET TO LK MINNIE BELLE AT END 612 AVE NW SIDE OF LK [MB3]
S001-134	TILE139 TO LK MINNIE BELLE NWQ/NWQ/S14/T118N/R31W [MB4]
S001-135	DITCH TO LK MIN BELLE AT RD CULVERT SE SIDE OF LK [MB5]
S001-136	TILE TO LK MIN BELLE LOT #66 SE END OF LK
S001-137	TILE TO LK MIN BELLE LOT #65 SE END OF LK

Project IS872714 MPCA Intensive Survey on TROUT LK

Start Date 01/01/1987 **Planned Duration** Completed

Purpose MPCA Intensive Survey on TROUT LK

Assigned Stations

Station ID	Station Name
S000-939	TROUT CK AT CSAH-10 BTN S9/10 2.5 MI SE OF BOVEY
S000-953	UNNAMED CK AT CSAH-10 IN T55N/R24W/S4 NEAR BOVEY
S001-125	LOST R IN SEQ/NWQ/T150N/R41W/S5 3.5 MI W OF OKLE
S001-126	LOST R AT RD BTN S4/5 T150N/R41W 3 MI W OF OKLE
S001-127	LOST R IN NWQ/SEQ/T150N/R41W/S4 2.5 MI W OF OKLE
S001-128	LOST R AT CR-131, 2 MI W OF OKLEE
S001-129	LOST R AT RD BTN S2/3 T150N/R41W 1 MI W OF OKLEE
S001-131	LOST R AT CSAH-5 AT OKLEE
S001-132	LOST R ABV OKLEE STORM SEWER 1/8 MI ABV CSAH-5

Project IS882702 MPCA Int. Surv. on BOGUS BK at BOCK

Start Date 01/01/1988 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BOGUS BK to determine the wastewater treatment needs for the town of BOCK

Assigned Stations

Station ID	Station Name
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Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S001-162	BOGUS BK AT CNTY RD 25, 1 MI SE OF BOCK, MN
S001-163	BOGUS BK AT MN-25, .5 MILES NE OF BOCK,MN
S001-164	BOGUS BK AT CSAH-10 .5 MI NE OF BOCK, MN
S001-174	BOGUS BK AT CSAH 2
S001-175	BOGUS BK PRIVATE ACCESS IN NEQ OF S26 T38N/R26W
S001-176	BOGUS BK AT UNNAMED RD IN SWQ OF S23 T38N/R26W

Project IS882703 MPCA Int. Surv. on MILLER CK at DULUTH

Start Date 01/01/1988 **Planned Duration** Completed

Purpose MPCA Intensive Survey on MILLER CK to determine the wastewater treatment needs for the town of DULUTH

Assigned Stations

Station ID	Station Name
S001-168	MILLER CR IN LINCOLN PARK AT 10TH ST. IN DULUTH
S001-169	MILLER CK AT CHAMBERSBURG RD T50N/R14W/S19
S001-170	MILLER CR AT DECKER RD 1.5 MI NW DULUTH HEIGHTS
S001-171	MILLER CREEK AT US-53 3 MI NW OF DULUTH HEIGHTS
S001-172	MILLER CR AT AIRPORT RD, 4 MI NW OF DULUTH
S001-173	MILLER CR 100 FT E RICE L RD NW OF DULUTH HEIGHT

Project IS892701 MPCA Int. Surv. on PELL CREEK at WALNUT GROVE

Start Date 01/01/1989 **Planned Duration** Completed

Purpose MPCA Intensive Survey on PELL CREEK to determine the wastewater treatment needs for the town of WALNUT GROVE

Assigned Stations

Station ID	Station Name
S001-178	PELL CK AT CSAH-7 1/2 MI SW OF REVERE
S001-179	PELL CK AT SRD IN NEQ S27. 1.25 MI W OF REVERE
S001-180	PELL CK AT CSAH 10, 2.25 MILES W OF REVERE
S001-181	UNNAMED DT TO PELL CK 2 MI E OF WALNUT GROVE

Project IS892702 MPCA Int. Surv. on BOILING SPRING CREEK at ECHO

Start Date 01/01/1989 **Planned Duration** Completed

Purpose MPCA Intensive Survey on BOILING SPRING CREEK to determine the wastewater treatment needs for the town of ECHO

Assigned Stations

Station ID	Station Name
S001-177	LATERAL L, TRIB TO BSC, 1 MILE W OF ECHO

Project IS902701 MPCA Int. Surv. on REDWOOD R at MARSHALL

Start Date 01/01/1990 **Planned Duration** Completed

Purpose MPCA Intensive Survey on REDWOOD R to determine the wastewater treatment needs for the town of MARSHALL

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MNPCA1 Minnesota Pollution Control Agency

Assigned Stations

Station ID	Station Name
S001-199	REDWOOD R AT CR-73, 3.5 MILES SE OF GREEN VALLEY
S001-200	REDWOOD R AT W LN OF S13 2 MI SE OF GREEN VALLEY
S001-201	REDWOOD R AT MN-23, 1 MILE SOUTH OF GREEN VALLEY
S001-202	REDWOOD R BTWN S15/22 2 MI SOUTH OF GREEN VALLEY
S001-203	REDWOOD R AT TWP RD NR CR67 .5 MI NE OF MARSHALL
S001-204	REDWOOD RIVER 100 FT ABOVE MARSHALL WWTP OUTFALL
S001-205	REDWOOD R TRAIL BR IN CAMDEN PRK 3 MI NE RUSSELL

Project ITASCA-S Water Quality Inventory of Itasca County Recreational

Start Date 04/01/2008 **Planned Duration** 2 Years

Purpose Monitor 147 recreational development lakes in Itasca County.

Study Area Itasca County

Project Design Sample Medium: Water column

Lab Information: NRRI, Iowa State University Limnology Lab, University of Missouri Limnology Lab

Field Procedure Information:
Sample collection method and gear - Integrated sampler.
Field measurement - methods and instrumentation - Temp, DO, pH, Cond, Turbidity.

Probe: YSI optical.

Obtain Plan Citation:
Title - First WQ Inventory of Itasca County's Developing Lakes QAPP
Author - Roger Fisher
Publishing organization - MPCA
Publication year - 2008

Assigned Stations

Station ID	Station Name
31-0001	LONG
31-0003	SOUTH STURGEON
31-0016	PANCAKE
31-0020	HART
31-0022	LITTLE ISLAND
31-0023	HELEN (TANK)
31-0028	BEAUTY
31-0043	LONG
31-0044	UNNAMED
31-0048	LIBBEY
31-0051	STINGY
31-0052	BOWER
31-0054	TWENTY FOUR
31-0067-01	SWAN (WEST BAY)
31-0070	O'LEARY
31-0082	SAND

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
31-0093	LITTLE SAND
31-0108	SNOWBALL
31-0115	BASS
31-0120	BIG MCCARTHY
31-0123	LITTLE MCCARTHY
31-0124	SUCKER
31-0135	SOUTH FORK
31-0137	KENNEDY
31-0141	SHOAL
31-0145	THIRTY
31-0147	BRAY
31-0150	SCOOTY
31-0152	WOLF
31-0154	HARTLEY
31-0155	HORSEHEAD
31-0156	LITTLE BEAR
31-0157	BEAR
31-0160	MIRROR
31-0183	FIVE ISLAND (BALL)
31-0192	NASHWAUK
31-0193	CROOKED
31-0196	POPLAR
31-0197	BATTLE
31-0207	BASS
31-0214	CLEARWATER (ROUND)
31-0217	ISLAND
31-0218	SHAMROCK
31-0219	O'REILLY
31-0227	HOLMAN
31-0229	UNNAMED (HECEMOVICH)
31-0230	BASS
31-0231	LAWRENCE
31-0238	LOWER LAWRENCE
31-0240	INKEY
31-0242	MOOSE (HASKELL)
31-0247	LOWER BALSAM
31-0258	KING
31-0259	BALSAM
31-0266-01	LONG
31-0281	WASSON
31-0284	RADDISON
31-0290	NAPOLEON
31-0298	WALTERS
31-0299	KELLY

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
31-0301	OTTER
31-0305	ANN
31-0308	BARTLET
31-0317	LARSON
31-0318	COON (BIG COON)
31-0334	DEER
31-0339	PICKEREL
31-0341	LITTLE SPLIT HAND
31-0344	HANSON
31-0346	UPPER HANSON
31-0349	ANTLER
31-0350	ANDERSON
31-0370	MCKINNEY
31-0396	MIDDLE HANSON
31-0402	CLEARWATER
31-0422	RUBY
31-0429	CUTAWAY
31-0432	LOST MOOSE
31-0455	MINK
31-0460	EAST
31-0463	FOX
31-0464	OAR
31-0465	OAK
31-0466	HORSESHOE
31-0473	MARY
31-0478	PINE
31-0479	LITTLE CLUBHOUSE
31-0480	GUNN
31-0481	HIGHLAND
31-0490	ELIZABETH
31-0497	FIFTH CHAIN
31-0502	SLAUSON
31-0507	MARIE
31-0511	BASS (JEAN)
31-0512	ERICKSON
31-0513	GALE
31-0514	BRUSH SHANTY
31-0528	ROUND
31-0529	SHINE
31-0530	BUSTIES
31-0540	CLUBHOUSE
31-0555	SOUTH SUGAR
31-0575	LITTLE BASS
31-0578	CLARKE

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0585	MCAVITY
31-0587	ORANGE
31-0590	BEAVER
31-0597	AMEN
31-0602	PUGHOLE
31-0609	FAWN
31-0610	LITTLE MOOSE
31-0621	LITTLE DEAD HORSE
31-0624	GRAVE
31-0653	NORTH STAR
31-0654	BURNS
31-0656	BIG DICK
31-0657-02	JACK THE HORSE (S)
31-0660	LITTLE RANIER
31-0664	RANIER
31-0665	LITTLE NORTH STAR
31-0670	BIG OLE
31-0687	JOHNSON
31-0706	MIKE
31-0710	CONNORS
31-0713	BUSTIC (BUSTIE)
31-0716	LITTLE RICE
31-0717	RICE
31-0726	BELLO
31-0733	LITTLE SISEEBAKWET
31-0739	LEIGHTON
31-0751	LITTLE DEER
31-0754	ISLAND
31-0771	HATCH
31-0773	MAPLE
31-0775	NO-TA-SHE-BUN
31-0776	WHITE OAK
31-0779	LITTLE TURTLE
31-0782	GUNDERSON
31-0784	LITTLE JESSIE
31-0789	SPRING
31-0791	PETERSON
31-0793	BIG TOO MUCH
31-0812	BIG CLUB (BALL CLUB)
31-0822	LITTLE BALL CLUB
31-0824	PORTAGE
31-0826	SAND
31-0829	CEDAR
31-0832	RUSH ISLAND

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
31-0843	WHITEFISH
31-0850	LTL WINNIBIGOSHISH
31-0853	LITTLE SAND
31-0857-01	CUT FOOT SIOUX (MAIN BASIN)
31-0898	MOOSE
31-0904	DUNBAR
31-0945	MOOSE (HASKELL)

Project ITASCALK Itasca County Lake Model Calibration Data Set

Start Date 05/01/2000 **Planned Duration** Ongoing
Purpose Condition

Project Design Sample Collection Methods and Gear:

Integrated sampler, van dorn for depth samples

Field Measurements:

DO, Temp, Conductance, pH, Turbidity profiles with Hydrolab

Laboratory Information:

Natural Resource Research Institute Central Analytical Laboratory
5013 Miller Trunk Highway
Duluth, MN 55811

Contact Name:

Elaine Ruzycki
218-720-4316
eruzycki@nrri.umn.edu

Assigned Stations

Station ID	Station Name
31-0209	ROUND (CLEAR)

Project ITA_SWCD Itasca County Lake Assessment (includes Jessie L CWP)

Start Date 01/01/1967 **Planned Duration** Long-term
Purpose Itasca County Lake Assessment for Condition Monitoring

Study Area Itasca County

Project Design Followed MPCA's LAP protocol.

Assigned Stations

Station ID	Station Name
11-0147	WINNIBIGOSHISH
31-0051	STINGY
31-0058	BEATRICE
31-0067-01	SWAN (WEST BAY)
31-0067-02	SWAN (MAIN BASIN)
31-0073	BOG

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0077	SPOT
31-0084	SHALLOW
31-0096	LAMMON AID
31-0129	UNNAMED (DEEP)
31-0149	UNNAMED (CABIN)
31-0158	THISTLEDEW
31-0193	CROOKED
31-0206	MUD
31-0207	BASS
31-0209	ROUND (CLEAR)
31-0210	BLACKBERRY
31-0211	BECKER
31-0213	JACQUES
31-0214	CLEARWATER (ROUND)
31-0216	TROUT
31-0255	SNAPTAIL
31-0259	BALSAM
31-0263	BIRCH
31-0268	ROUND
31-0275	STOWE
31-0276	SOMEMAN
31-0282	UNNAMED (BOOMERANG)
31-0292	OWEN
31-0299	KELLY
31-0307	RAT
31-0309	BASS
31-0317	LARSON
31-0334	DEER
31-0341	LITTLE SPLIT HAND
31-0347	SPRUCE
31-0353	SPLIT HAND
31-0370	MCKINNEY
31-0372	UNNAMED (ICE)
31-0373	HALE
31-0374	UNNAMED (FOREST)
31-0384	PRAIRIE
31-0392	WABANA
31-0395	BLUEWATER
31-0410	TROUT
31-0470	NICKEL
31-0538	SPIDER
31-0554	SISEEBAKWET (SUGAR)
31-0555	SOUTH SUGAR
31-0570	LONG

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0571	LOON
31-0576	BASS
31-0610	LITTLE MOOSE
31-0620	CARIBOU
31-0624	GRAVE
31-0638	BEAVER
31-0642	ADELE
31-0653	NORTH STAR
31-0665	LITTLE NORTH STAR
31-0696	HORSESHOE
31-0719	DEER
31-0722	MOOSE
31-0725	TURTLE (BIG TURTLE)
31-0733	LITTLE SISEEBAKWET
31-0758	LITTLE BOWSTRING
31-0786	JESSIE
31-0796	GOOSE
31-0812	BIG CLUB (BALL CLUB)
31-0813	BOWSTRING
31-0822	LITTLE BALL CLUB
31-0824	PORTAGE
31-0826	SAND
31-0829	CEDAR
31-0830	BEAVER
31-0834	BIRD'S EYE
31-0850	LTL WINNIBIGOSHISH
31-0852	LTL CUT FOOT SIOUX
31-0853	LITTLE SAND
31-0857-01	CUT FOOT SIOUX (MAIN BASIN)
31-0857-02	CUT FOOT SIOUX (E. BAY)
31-0882	DORA
31-0896	ROUND
31-0913	ISLAND
31-0921	DIXON
31-0926	SUGAR
31-0934	DECKER
69-0929	UNNAMED (MARK)
69-0933	SIDE
69-0939-01	STURGEON (MAIN BASIN)
69-0939-02	MIDDLE STURGEON
69-1290	LITTLE STURGEON

Project JACKSONL

Jackson County Lakes Water Quality Assessment Project

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Start Date 06/01/2002 **Planned Duration** Ongoing
Purpose To monitor conditions in the lakes in regard to total phosphorus, Kjeldahl nitrogen, chlorophyll-a, turbidity, and fecal coliform levels and use the data generated to investigate and address any water quality problems. We will also incorporate data into future management plans for these lakes.

Jackson County Streams are under the Project ID of "JACKSONS."

Study Area Statewide

Project Design Sample Collection Method: Grab water samples are taken from a boat at a mid-lake site with the containers received from the laboratory approximately 1 1/2 feet below the surface. The water sample containers are labeled and the chain of custody record is completed prior to the sampling date.

Field Measurements: Water samples are collected for turbidity, chlorophyll-a, fecal coliform, total phosphorus, and total kjeldahl nitrogen. All water samples are placed immediately into a refrigerated ice chest and within 4 hours packed in ice and shipped to Minnesota Valley Testing Laboratories, Inc. for overnight delivery. Specific conditions such as weather, rainfall, water color and lake levels are recorded. Water temperature, and dissolved oxygen readings are taken with a digital meter and recorded. Water clarity is measured with a secchi-disk, and then recorded with CLMP.

Turbidimeter Make and Model: Not used.

Samples sent to Minnesota Valley Testing Laboratories, Inc., for analysis.
MVTL
1126 North Front Street
New Ulm, Minnesota 56073
phone: 1-800-782-3557
internet: www.mvtl.com

Obtain Plan David Pribyl
Jackson County Water Planning
and Environmental Services
405 4th Street
Jackson, MN 56143
507.847.2240
dave.pribyl@co.jackson.mn.us

Assigned Stations

Station ID	Station Name
32-0018	FISH
32-0020	LOON
32-0022	CLEAR
32-0024	LITTLE SPIRIT

Project JACKSONS Jackson County Water Quality Assessment Project

Start Date 06/01/2001 **Planned Duration** Ongoing
Purpose To monitor total phosphorus, kjeldahl nitrogen, turbidity and fecal coliform levels and to measure water clarity using a t-tube. The data generated will be used to put together future management plans and addressing and investigating any water quality problems that arise.

Jackson County Lakes are under the Project ID of "JACKSONL."

Study Area Statewide

Project Design Sample Collection Method and Gears: A 2 gal. rubber bucket is lowered from a bridge at all 4 sites at a point that represents the water quality of the total instantaneous flow at the cross section and rinsed 3-times before filling with the water sample. The water from the bucket is

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Minnesota Pollution Control Agency

Project Design then transferred to the sample containers from the laboratory. The sample is taken from a water depth that does not disturb stream bed sediments or collect floating materials from the surface. The water sample containers are labeled and the chain of custody is completed prior to the sampling date.

Field Measurements - Methods and Instrumentation: Water samples are collected for turbidity, fecal coliform, total phosphorus, and total kjeldahl nitrogen. All samples are placed immediately into a refrigerated cooler and within 3 hours packed in ice and shipped to Minnesota Valley Testing Laboratories, Inc. for overnight delivery. Water clarity is measured with a t-tube and then recorded.

Turbidimeter Make and Model: Not used. Samples sent to Minnesota Valley Testing Laboratories, Inc. for analysis.

Assigned Stations

Station ID	Station Name
S000-100	LITTLE SIOUX R-W FK 12 MI S OF LAKEFIELD
S004-217	ELM CK AT 890TH ST (1/8 MI W CR-28-29), 8 MI W OF TRIMONT
S004-218	ELM CK SF AT 870TH/CSAH-26 (1/4 MI W CR-29) 8 MI W TRIMONT
S004-219	LITTLE SIOUX R AT 700TH ST (1.5 MI W MN86) 12 MI S LAKEFIELD

Project JESSIE-L Jessie Lake

Start Date 01/01/2000 **Planned Duration** 12-31-2009

Purpose Condition Monitoring - final phase of TMDL when this project was established in January 2009.

Project 6408, contract 18701, follows project 5432, contract 85006, which follows ITA_SWCD CWP in early 2000.

January 15, 2009: Jessie Lake 31-0786 CWP Project data for 2000 and 2001 was previously assigned to ITA_SWCD but reassigned to this project in January 2009.

Study Area Pooles, Jessie Brook, and Spring Brook

Project Design Laboratory Name:
Natural Resources Research Institute Central Analytical Laboratory.

Field Procedure Information:
Sample Collection Method and Gear - Grab.
Gage Type - Campbell data logger.
Probe Make and Model - Pressure Transducers.
Others - Temp. and Conductivity Probe.

Obtain Plan Local Project Coordinator:
Noel Griese
Itasca SWCD
1889 East Highway 2
Grant Rapids, MN 55744

Phone - 218-326-0017
Fax - 218-326-8938
Email - Noel.Griese@MN.nacdnet.net

Assigned Stations

Station ID	Station Name
31-0786	JESSIE
S005-369	JESSIE BK AT CSAH-35, 14.5 MI SW OF BIGFORK, MN
S005-370	UNN STR INLET AT CR-135, 13.6 MI SW OF BIGFORK, MN
	UNN STR INLET NEAR CR-34, 12.9 MI SW OF BIGFORK, MN

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S005-371	
S005-372	UNN STR INLET AT CR-134, 13.5 MI SW OF BIGFORK, MN
S005-373	UNN STR AT CR-135, 12.7 MI SW OF BIGFORK, MN

Project JEWITTS Jewitts Creek Phase 2

Start Date 07/01/2008 **Planned Duration** 1 year

Purpose Problem Investigation.

Study Area Jewitts Creek 14 digit HUC.

Project Design Laboratory: MDH

Field Procedure Information:

Sample Collection Method and Gear - Grab
Field Measurements Methods and Instrumentation - pH, spec., cond., temp., turbidity and DO with YSI.
Probe Make and Model - YSI 650 MD.

Obtain Plan Local Project Coordinator:

Michael Kelly
MPCA
7678 College Dr. Rd.
Suite 105
Baxter, MN 56425
218-825-2087
Michael.Kelly@state.mn.us

Assigned Stations

Station ID	Station Name
S000-919	JEWITTS CK AT RD BTN S23/26 3 MI N OF LITCHFIELD
S000-923	JEWITTS CR AT CSAH-42/ARMSTRONG AV AT LITCHFIELD
S001-502	JEWETT CK NEAR 300TH ST BRG, 4 MI N OF LITCHFIELD
S002-525	JEWETT CK AT CSAH 1. 0.3 MI W OF LITCHFIELD, MN
S005-065	UNN STR 350 FT DSTR OF MN-22, 5 MI N OF LITCHFIELD, MN
S005-066	UNN STR AT CSAH-31, 3.5 MI NW OF LITCHFIELD, MN
S005-067	UNN STR AT 300TH ST, 4 MI NW OF LITCHFIELD, MN
S005-255	UNN STR, 275 FT S OF 310TH ST, 4.75 MI NNW OF LITCHFIELD, MN

Project KANARZ-S Kanaranzi Creek Watershed Impairment Monitoring (SWAG)

Start Date 04/01/2008 **Planned Duration** 2 years

Purpose TMDL Assessment

Study Area Norwegian Ck (S001-016)
Kanaranzi Ck (S004-717)
Kanaranzi Ck E Br (S004-927)

Project Design Sample Medium: water column

Lab: MVTL, New Ulm

Project Summary

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Project Design Sample Collection Method(s) and Gear(s) - Grab Sample with Bucket

Field Measurements - Methods and Instrumentation - pH, temp, DO, transparency tube, visual observations

Obtain Plan Ed Lenz
Nobles Soil & Water Conservation District
1567 McMillan St, Suite #3
Worthington, MN 56187
(507) 376-9150, Ext. 117
edward.lenz@mn.nacdnet.net

MPCA Project Manager:
Lee Engel
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 282-2618
lee.engel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S001-016	NORWEGIAN CK AT CSAH-11 0.5 MI NW OF ELLSWORTH
S004-717	KANARANZI CK AT MN/IA BORDER, 5.25 MI NW OF ELLSWORTH, MN
S004-927	KANARANZI CK E BR AT DOLAN AVE, 2 MI NE OF ADRIAN

Project KAWISHIW Kawishiwi Watershed Monitoring Project

Start Date 05/24/2005 **Planned Duration** Long-term
Purpose Condition monitoring
Study Area Statewide

Assigned Stations

Station ID	Station Name
31-0216	TROUT
38-0779	FARM
38-0782	GARDEN
38-0811	FALL
69-0003	BIRCH
69-0004	WHITE IRON
S000-107	KAWISHIWI R. GARDEN LAKE OUTLET
S000-108	KAWISHIWI RIVER BR ON MN-1 AT DAM 8 MI SE OF ELY
S000-166	KAWISHIWI RIVER BRIDGE ON MN-1, 9.5 MI SE OF ELY
S000-911	STONY RIVER BRIDGE ON MN-1, 21.5 MILES SO OF ELY
S000-912	BEAR ISLAND RIVER BRIDGE ON MN-1 5.5 MI S OF ELY

Project KNIFE_R Knife River Turbidity and pH TMDL

Start Date 04/04/2004 **Planned Duration** Two years
Purpose Problem investigation to assess turbidity impairment and develop sediment loadings for the Knife River TMDL. Monitoring will also provide data to assess pH as an impairment.

Study Area "Airport," "Crossroads," "Nappa," and "Fish Trap."

Project Summary

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Minnesota Pollution Control Agency

Project Design Field measurements included pH, specific conductivity, temperature, dissolved oxygen, turbidity with a YSI sonde taken with each grab sample. YSI sondes were also placed in streams for "continuous" measurements of the same variables.

Grab samples were taken with a sample bottle.

(Turbidity was measured in three ways. The data included in STORET was measured in the lab using grab samples from the sites. Turbidity was also measured in the field using YSI sondes both as a field meter and as an in-place continuous recording sonde.)

Obtain Plan Author. "Completion of Selected TMDL Activities in the Knife River Watershed by the South St. Louis SWCD and Knife River Stewardship Committee." 2002.

Assigned Stations

Station ID	Station Name
S003-642	KNIFE R DWNST OF US-61, 0.5 MI SW OF KNIFE R, MINNESOTA
S003-668	UNN TRIB TO W BR KNIFE R AT NAPPA RD, 6.8 MI W 2 HARBORS, MN
S003-669	E LITTLE KNIFE R AT CSAH-12, 2.9 MI W OF TWO HARBORS, MN
S003-670	KNIFE R AT NURSERY RD, 4.8 MI NW OF TWO HARBORS, MINNESOTA

Project KSRW Knife River, Snake River Watershed

Start Date 05/02/2006 **Planned Duration** 5 years

Purpose Condition of River, create baseline

Study Area Knife River and Snake River Watershed

Project Design Sample Collectin Method and Gear: Grab with weighted bucket.

Field Measurements - Methods and Instrumentation: pH, spec. cond., temp. and DO with Hydrolab; transparency with ttube; total phosphorus, nitrite-nitrate-nitrogen plus fecal coliform sent to ERA Lab in cooler.

Turbidimeter Make and Model: t-tube

Obtain Plan Local Project Manager:
Betty Wilkens, volunteer with CSMP
1646 290 Ave.
Mora, MN 55051
(320) 679-1607
rusty@northlc.com

Assigned Stations

Station ID	Station Name
S002-675	KNIFE R AT CSAH8 6 MILES NORTH OF MORA
S002-678	UNN STR TRIB TO KNIFE R AT CSAH-15, 6 MI W OF WARMAN
S003-896	KNIFE R AT 30TH AVE, 5.5. MI SO. OF ISLE
S004-352	KNIFE R AT CSAH-3, 10.80 MI NW OF MORA

Project LAKE Lake Monitoring Program

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Ambient lake water quality monitoring.

Study Area Statewide

Assigned Stations

Project Summary

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Station ID	Station Name
02-0026	LINWOOD
02-0034	MARTIN
03-0101	WOLF
03-0286	COTTON
03-0619	LEE (TALAC)
03-0625	SORENSEN
03-0659	SAND (STUMP)
03-0660-01	AXBERG (MAIN BASIN)
10-0019	BAVARIA
11-0142-01	LONG (S OF MAIN)
11-0142-02	LONG (MAIN BASIN)
11-0142-04	LONG (SW BAY)
11-0371	STONY
13-0013	KROON
13-0029	WALLMARK
13-0031	SUNRISE
13-0068	FISH
13-0083-02	GOOSE (SOUTH BAY)
18-0155	CROW WING
18-0165	ROSS
18-0167-01	TWIN (WEST BASIN)
18-0167-02	TWIN (EAST BASIN)
18-0169	STARK
18-0376	UPPER CULLEN
18-0377	MIDDLE CULLEN
18-0403	LOWER CULLEN
21-0016	SMITH
21-0145	CHIPPEWA
21-0216	WHISKEY
29-0292	BEAUTY
29-0309	LASALLE
30-0080	FRANCIS
31-0216	TROUT
31-0392	WABANA
31-0395	BLUEWATER
31-0399	LITTLE WABANA
31-0410	TROUT
31-0554	SISEEBAKWET (SUGAR)
31-0725	TURTLE (BIG TURTLE)
34-0079	GREEN
39-0002-01	LAKE OF THE WOODS (WHOLE LK)
39-0002-02	LAKE OF THE WOODS (4 MI BAY)
40-0033	VOLNEY
40-0063	GERMAN

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
40-0092-01	JEFFERSON (E JEFF.)
40-0092-02	JEFFERSON (W JEFF.)
40-0092-04	JEFFERSON (MIDDLE JEFF.)
40-0117	WASHINGTON
40-0124	EMILY
41-0089	SHAOKOTAN
46-0024	GEORGE
46-0025	SISSETON
46-0030	BUDD
46-0031	HALL
46-0034	AMBER
47-0023	ARVILLA
47-0026	LONG
47-0032	SPRING
47-0068	STELLA
47-0082	DUNNS
47-0088	RICHARDSON
47-0129	STAR
47-0177	LONG
49-0036-01	SYLVAN (MAIN)
49-0036-02	SYLVAN (N. BASIN)
49-0080	PLACID
52-0001	UNNAMED (HALLET)
55-0004	ZUMBRO
56-0141	RUSH
56-0239	WEST BATTLE
56-0302-01	SILVER (1ST SILVER)
56-0385	STAR
56-0388-02	LONG (MAIN LAKE)
56-0475	PICKEREL
56-0695	HEILBERGER
56-0747-01	LIDA (MAIN BASIN)
56-0747-02	LIDA (SOUTH ARM)
56-0784	LONG
56-0877	JEWETT
56-0945	ORWELL
61-0023	GROVE
61-0066	LEVEN
61-0067	VILLARD
61-0072	GILCHRIST
61-0078	RENO
61-0122	ANN
66-0008	CANNON
66-0010	WELLS

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
66-0014	DUDLEY
66-0015	KELLY
66-0018	ROBERDS
66-0027	CIRCLE
66-0038	FRENCH
66-0052	CEDAR
69-0004	WHITE IRON
69-0069	SHAGAWA
69-0118	BURNTSIDE
69-0249	COLBY
69-0376	WHITEWATER
69-0378-01	EAST VERMILION
69-0378-02	WEST VERMILION
69-0378-03	VERMILION (PIKE BAY)
69-0434-01	SABIN (N. WYNNE)
69-0434-02	WYNNE (S. WYNNE)
69-0489	CARIBOU
69-0490	PIKE
69-0511	GRAND
69-0608	LITTLE VERMILION
69-0615	ECHO
69-0616	CRANE
69-0744	ELBOW
69-0841	PELICAN
69-0842	BLACKDUCK
69-0923	HOBSON
71-0057	BIRCH
71-0069	ANN
71-0081	MITCHELL
71-0082	BIG
71-0159	LONG
73-0138	TWO RIVERS
73-0159	BIG
73-0215	MARIA
77-0007	MOUND
77-0019	MARY
77-0026	MOOSE
77-0027	LONG
77-0032	LADY
77-0154	FAIRY
81-0003	ST. OLAF
81-0014-01	CLEAR
81-0015	LOON
81-0055	REEDS

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
86-0217	GRANITE
86-0233	SUGAR
86-0234	BASS
S000-063	RAINY RIVER AT INTERNATIONAL BRIDGE AT BAUDETTE
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-277	ST. LOUIS BAY BELOW I-535 BRIDGE AT SUPERIOR, WI
S001-310	CO DTCH 10, 3.5 MI W OF ISANTI
S004-110	UNN STR (LK FRANCIS OUTLET) AT DAM, 3.5 MI NW OF ISANTI
S004-111	UNN STR (CD-10) AT MN-47, 5.5 MI NW OF ISANTI

Project LAKEADA Lake Ada Association

Start Date 05/01/1998 **Planned Duration** 3 Years

Purpose Condition

Study Area Lake Ada

Project Design Laboratory Name: A&W Research

Obtain Plan Local Project Coordinator:

Jon Hansen
Ada Lake Association
jon.hansen@uni.edu

Assigned Stations

Station ID	Station Name
11-0250	ADA

Project LAKETRND Lake Trend Monitoring

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Lake Trend Monitoring

Study Area Statewide

Assigned Stations

Station ID	Station Name
03-0102	SHELL
03-0200	PINE
03-0241-01	SOUTH TAMARACK
03-0241-02	NORTH TAMARACK
04-0035-01	RED (UPPER RED)
04-0035-02	RED (LOWER RED)
07-0098	CRYSTAL
10-0108	TIGER
11-0009-01	L THUNDER (W BAY)
11-0009-02	L THUNDER (E BAY)
11-0026	SUGAR
11-0029	VERMILLION

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
11-0059	WASHBURN
11-0086	GRAVE
11-0101	GEORGE
11-0120-01	INGUADONA (N. BAY)
11-0120-02	INGUADONA (S. BAY)
11-0129	LOWER TRELIPE
11-0147	WINNIBIGOSHISH
11-0167	LITTLE BOY
11-0174	GIRL
11-0201-01	BROADWATER BAY
11-0201-02	WOMAN (MAIN)
11-0203-01	LEECH (MAIN BASIN)
11-0222	MARGARET
11-0305	GULL
11-0411	PINE MOUNTAIN
11-0412	BIRCH
16-0133	PEANUT
16-0344	BIGSBY
16-0360	CARIBOU
17-0007	BINGHAM
17-0022	COTTONWOOD
17-0060	TALCOT
18-0041-01	CROOKED (SUGAR BAY)
18-0041-02	CROOKED (MAIN BAY)
18-0044	HANKS
18-0050	PORTAGE
18-0203	EMILY
18-0212	RUTH
18-0287	GREER
18-0308	PELICAN
18-0404	SIBLEY
18-0407	EAST TWIN
21-0079	MAPLE
21-0083	MILTONA
21-0145	CHIPPEWA
21-0180	MILL
21-0216	WHISKEY
21-0291	RED ROCK
21-0323	JENNIE
21-0375	CHRISTINA
25-0001	PEPIN
26-0002	PELICAN
27-0133-01	MINNETONKA (GRAYS BAY)
27-0133-02	MINNETONKA (LOWER LAKE)

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
27-0133-04	MINNETONKA (ST.ALBANS BAY)
27-0133-05	MINNETONKA (UPPER LAKE)
27-0133-09	MINNETONKA (HALSTEDS BAY)
27-0133-10	MINNETONKA (CRYSTAL BAY)
27-0133-11	MINNETONKA (MAXWELL BAY)
27-0133-12	MINNETONKA (STUBBS BAY)
27-0133-13	MINNETONKA (N. ARM)
27-0133-14	MINNETONKA (W. ARM)
27-0133-15	MINNETONKA (JENNINGS BAY)
27-0139	FOREST
29-0025	NINTH CROW WING
29-0032	BIG BASS
29-0045	TENTH CROW WING
29-0061	GARFIELD
29-0072	EIGHTH CROW WING
29-0216	GEORGE
29-0217	PAINE
29-0254	ISLAND
29-0292	BEAUTY
29-0309	LASALLE
30-0080	FRANCIS
31-0216	TROUT
32-0020	LOON
32-0022	CLEAR
33-0015	QUAMBA
33-0036	FISH
34-0044	DIAMOND
34-0172	RINGO
34-0204	FLORIDA SLOUGH
34-0246	EAST SOLOMON
39-0002-01	LAKE OF THE WOODS (WHOLE LK)
39-0002-02	LAKE OF THE WOODS (4 MI BAY)
41-0021-01	DEAD COON (MAIN LAKE)
41-0043	BENTON
41-0089	SHAOKOTAN
42-0002	SCHOOL GROVE
42-0014	COTTONWOOD
42-0047	YANKTON
42-0052	ROCK
42-0066	SECTION 33
42-0070	EAST TWIN
42-0074	WEST TWIN
42-0093	GOOSE
46-0024	GEORGE

Project Summary

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MNPCA1 **Minnesota Pollution Control Agency**

Station ID	Station Name
46-0025	SISSETON
46-0030	BUDD
46-0031	HALL
46-0034	AMBER
46-0133	BIG TWIN
48-0002	MILLE LACS
51-0024	LIME
51-0040	BLOODY
51-0063	SARAH
51-0082	CURRANT
53-0020	EAST GRAHAM
53-0021	WEST GRAHAM
55-0004	ZUMBRO
56-0749	CRYSTAL
56-0786	PELICAN
61-0006	JOHANNA
61-0101-01	NELSON (MAIN LAKE)
61-0130	MINNEWASKA
69-0694	RAINY
72-0013	SILVER
72-0042	TITLOW
73-0226	CEDAR
73-0255	CEDAR
73-0273	McCORMIC
74-0023	BEAVER
75-0117	SOUTH MAUGHAN
75-0200	HATTIE
76-0033	MONSON
76-0057	HOLLERBERG
76-0086	HASSEL
77-0009	TRACE
82-0001	ST. CROIX
86-0184	DUTCH
86-0199	HOWARD
87-0016	CURTIS (HOUSTON)
87-0030	WOOD

Project LAKE_LAP Lake Assessment Projects

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Lake Assessment Projects

Study Area Statewide

Assigned Stations

Station ID	Station Name
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Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
01-0209-01	CEDAR (MAIN BASIN)
01-0209-03	CEDAR (WEST BAY)
02-0004	PELTIER
03-0200	PINE
03-0241-02	NORTH TAMARACK
05-0012	UNNAMED (LITTLE ROCK CHAIN)
05-0013	LITTLE ROCK
07-0044	MADISON
07-0047	GEORGE
07-0053	DUCK
07-0054	BALLANTYNE
07-0060-01	EAGLE (NORTH)
07-0079	LURA
07-0096	LOON
07-0098	CRYSTAL
09-0041	MOOSEHEAD
10-0088	HYDES
13-0029	WALLMARK
13-0069-02	RUSH (WEST BAY)
13-0083-01	GOOSE (NORTH BAY)
16-0033	CHESTER
16-0077	GREENWOOD
16-0143	DEVIL TRACK
18-0088	PLATTE
18-0374	CLARK
18-0386	RED SAND
18-0407	EAST TWIN
18-0409	WEST TWIN
21-0323	JENNIE
22-0074	BASS
27-0019	NOKOMIS
27-0125	DIAMOND
27-0127	FRENCH
27-0177	PRAIRIE
30-0022	SKOGMAN
30-0043	FANNIE
31-0197	BATTLE
31-0216	TROUT
31-0334	DEER
31-0339	PICKEREL
31-0576	BASS
31-0813	BOWSTRING
33-0015	QUAMBA
33-0027	SPRING

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
34-0172	RINGO
34-0204	FLORIDA SLOUGH
34-0246	EAST SOLOMON
38-0024-01	CROOKED (EAST BAY)
38-0047	WILSON
38-0242	JOHNSON
38-0256	DIVIDE
38-0472	BECOOSIN
38-0644	MOOSE
38-0664	DUNNIGAN
39-0002-01	LAKE OF THE WOODS (WHOLE LK)
39-0002-02	LAKE OF THE WOODS (4 MI BAY)
40-0002	UPPER SAKATAH
40-0031	TETONKA
41-0089	SHAOKOTAN
41-0102	WEST TWIN
41-0108	EAST TWIN
43-0034	SILVER
43-0073	HOOK
43-0084	MARION
43-0085-01	OTTER (MAIN BASIN)
43-0104	STAHL'S
43-0115	CEDAR
47-0082	DUNNS
47-0088	RICHARDSON
47-0134-02	RIPLEY
47-0177	LONG
47-0183	HOPE
55-0004	ZUMBRO
55-0024-01	CASCADE POND (MAYO)
55-0024-02	CASCADE POND (N CENTRAL)
55-0024-03	CASCADE POND (S CENTRAL)
55-0025	MANOR WOODS POND
58-0062	ISLAND
58-0067	STURGEON
58-0081	SAND
61-0006	JOHANNA
61-0101-01	NELSON (MAIN LAKE)
62-0002	BALD EAGLE
62-0034	GOOSE
62-0055	COMO
66-0027	CIRCLE
66-0044	LOWER SAKATAH
69-0005	ALRUSS

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0154	ARTHUR
69-0329	MEANDER
69-0341	LAMB
69-0498	TROUT
69-0611	LOST (HORSESHOE)
69-0616	CRANE
69-0742	BAN
71-0016	FREMONT
71-0055	ELK
73-0118	PELICAN
73-0150	EDEN
73-0151	MUD (VAILS)
73-0226	CEDAR
73-0255	CEDAR
73-0273	McCORMIC
75-0200	HATTIE
76-0033	MONSON
76-0057	HOLLERBERG
76-0086	HASSEL
77-0009	TRACE
77-0215	OSAKIS
81-0003	ST. OLAF
86-0009	MARTHA
86-0031	PELICAN
86-0069	LONG
86-0073	CEDAR
86-0090	BUFFALO
86-0106	LITTLE WAVERLY
86-0114	WAVERLY
86-0184	DUTCH
86-0250	SMITH
86-0298	UNION
87-0013	LONE TREE
S000-006	OTTER TAIL R BRIDGE ON 4TH ST N AT BRECKENRIDGE
S000-063	RAINY RIVER AT INTERNATIONAL BRIDGE AT BAUDETTE
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-465	CANNON R AT CSAH-12, 3.2 MI NW OF WATERVILLE, MN
S002-708	BUFFALO R AT CR 94, 5.5 MI W OF AVERILL
S003-154	BUFFALO R FOOT BRIDGE IN CITY PARK ON E EDGE OF HAWLEY
S003-487	CANNON R AT CSAH 16 BRG IN MORRISTOWN
S003-575	CANNON R AT L SAKATAH OTLT SPILLWAY, 2.5 MI NW OF MORRISTOWN
S004-089	UNN TRIB TO HAROLD LK AT CSAH 23, 5.4 MI SW OF LITCHFIELD

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID S004-090 **Station Name** CD 26 AT 545TH AVENUE, 3 MILES SOUTH OF GROVE CITY, MN.

Project LAMBERT Lambert Creek Water Quality Improvement CWP Project

Start Date 06/01/2002 **Planned Duration** Three years

Purpose Lambert Creek Water Quality Improvement Clean Water Partnership Project was designed for condition and effectiveness monitoring.

The Lambert Lake implementation plan incorporates the suggestions made from representatives from the Department of Natural Resources, the City of Vadnais Heights, Ramsey County and the St. Paul Regional Water Services during the January meeting concerning the required mitigation, funding and design plans for the restoration of Lambert Lake. The suggestions made during this meeting included: distribution of flow to allow more contact with the wetland sediments, impoundment, berm construction for flood protection, abandoning the existing ditch by filling with excavation material, constructing a weir to distribute flow to the wetland, purchasing easements, and avoiding any increase in groundwater levels. The project constraints are multiple due to the lack of stream slope, the proximity of homes, and the relatively flat area surrounding the site. Additional constraints include the high cost of easements and construction. The following plan was presented to the Vadnais Lake Water Management Organization's (VLAWMO) Board for review and later approval. The plan incorporates ditch abandonment, excavation, berm construction, and weir construction, while minimizing the purchase of easements and preventing any increase in the current 100 year flood level. The plan also provides greater flood protection for critical homes lacking the necessary freeboard elevation above the 100 year flood level. The reason for optimizing the water levels is to avoid availability of phosphorus-rich sediments to the water column.

See also "LEGLAM."

3/17/08: Project Manager changed from Tim Larson to Barb Peichel

Study Area Lambert Creek at Oakmede Lane, Lambert Creek at Centerville Road and County Road F, Lambert at Kohler Road, Vadnais Lake Gatehouse.

Project Design Grab samples taken with weighted bucket. Partial flumes are used in the stream flow monitoring and ISCO automated samplers are used for storm events.

Obtain Plan The Lambert Lake implementation plan from the Vadnais Lake Area Watershed Management Organization

Assigned Stations

Station ID	Station Name
S002-773	LAMBERT CK AT CR F, .5 MI NE OF VADNAIS HGHTS
S002-774	LAMBERT CK AT KOHLER RD IN VADNAIS HEIGHTS
S002-775	LAMBERT CK AT OAKMEDE LANE IN WHITE BEAR LAKE
S002-788	STM SWR (DILLON DT) AT END PARK ST, WHT BEAR LK
S002-796	UNN OUTLET NW SHORE GOOSE L AT CR 95, WHT BEAR L
S003-610	LAMBERT CK AT L VADNAIS PUMP STATN, 1 MI SW VADNAIS HEIGHTS

Project LAWNDALE Lawndale Creek Restoration

Start Date 04/01/2007 **Planned Duration** 4 years

Purpose Condition monitoring

Study Area LCAPD S003-147
CD #14 LAWNDALE SPRING AT CR-167, 8 MI S OF BARNESVILLE

Project Summary

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Minnesota Pollution Control Agency

Study Area LCBP9 S005-059
SD #14 (LAWNDALE CK) BELOW PRJ @ MN-9, 5 1/4 MI NW LAWNDALE

LCBP9A S005-060
SD #14 (LAWNDALE CK) ON 140TH ST (E MN-9) 5 MI NW LAWNDALE

LCBP30 S005-061
SD #14 (LAWNDALE CK) @ CSAH-30, .5 MI E MN-9 5 MI W LAWNDALE

LCAPC S005-062
SD #14 (LAWNDALE CK), 25 YDS NO OF LCAPD, ABOVE ATHERTON WMA

LCBS S005-063
UNN STR (LAWNDALE CK) , 1 MI W CSAH-52, 1 MI SO OF LAWNDALE

LCUBS S005-064
UNN STR (LAWNDALE CK), AT BEAVER DAM OUTLET, 1 MI S LAWNDALE

Project Design Sample Medium: water column
Sample Collection Method(s) and Gear(s): grab with Van Dorn
Field Measurements - Methods and Instrumentation: pH, cond, temp, DO, turb with YSI sonde, transparency with T-Tube, Stage, observations
Turbidimeter Make and Model: YSI 6920 sonde with 6136 probe
Gage Type: Tape down from RP
Probe Make and Model: YSI 6920 sonde

Lab: RMB Environmental Laboratories

Obtain Plan Luther Aadland
DNR
Fergus Falls, MN
(218) 739-7449
luther.aadland@dnr.state.mn.us

MPCA Project Manager:
Bruce Paakh
Minnesota Pollution Control Agency
Detroit Lakes Office
714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-0747
bruce.paakh@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S003-147	CD #14 LAWNDALE SPRING AT CR-167, 8 MI S OF BARNESVILLE
S005-059	SD #14 (LAWNDALE CK) BELOW PRJ @ MN-9, 5 1/4 MI NW LAWNDALE
S005-060	SD #14 (LAWNDALE CK) ON 140TH ST (E MN-9) 5 MI NW LAWNDALE
S005-061	SD #14 (LAWNDALE CK) @ CSAH-30, .5 MI E MN-9 5 MI W LAWNDALE
S005-062	SD #14 (LAWNDALE CK), 25 YDS NO OF LCAPD, ABOVE ATHERTON WMA
S005-063	UNN STR (LAWNDALE CK) , 1 MI W CSAH-52, 1 MI SO OF LAWNDALE
S005-064	UNN STR (LAWNDALE CK), AT BEAVER DAM OUTLET, 1 MI S LAWNDALE

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project LCTMDL Lower Cannon TMDL Study

Start Date 01/01/2004 **Planned Duration** Long-term

Purpose To study Lower Cannon Watershed

Assigned Stations

Station ID	Station Name
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S001-784	CANNON R, BRG AT 9TH ST N IN CITY OF CANNON FALLS
S001-936	TROUT BK 4 MI S OF MIESVILLE, MN
S002-530	PINE CK AT 280 ST. 2.5 MI N OF CANNON FALLS, MN
S002-531	LITTLE CANNON R AT MN PARK IN CANNON FALLS, MN
S002-532	BELLE CK AT ALL TERRAIN VEHICLE BRG 6.3 MI SW OF RED WING MN

Project LEGATMOS Atmospheric and Nonpoint Trends in MN Lakes LCMR study

Start Date 01/01/1967 **Planned Duration** Completed

Purpose Trends

Assigned Stations

Station ID	Station Name
16-0634	DYERS
19-0042	MARCOTT (OHMAN'S)
19-0046	DICKMAN
19-0057	FISH
19-0075	SCHULTZ
27-0016	HARRIET
27-0031	CALHOUN
27-0035-01	SWEENEY-TWIN (SWEENEY BAY)
27-0035-02	SWEENEY-TWIN (TWIN BAY)
27-0137	CHRISTMAS
27-0179-01	LITTLE LONG (N BAY)
31-0560	FORSYTHE
31-0569	GUILE
31-0570	LONG
31-0571	LOON
31-0575	LITTLE BASS
34-0044	DIAMOND
34-0066	LONG
34-0116	HENDERSON
34-0142	GEORGE
38-0033	NINEMILE
38-0047	WILSON
38-0068	WINDY
38-0231	TETAGOUCHE
38-0232	NIPISQUIT
38-0242	JOHNSON
38-0405	BEAR

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Minnesota Pollution Control Agency

Station ID	Station Name
38-0409	BEAN
38-0691	AUGUST
43-0073	HOOK
43-0104	STAHL'S
47-0082	DUNNS
47-0088	RICHARDSON
62-0007	GERVAIS
62-0054	McCARRON
62-0056	OWASSO
62-0061	TURTLE
62-0078	JOHANNA
69-0682	LITTLE TROUT
69-0756	TOOTH
69-0870	SHOEPACK (BOOTJACK)
69-0872	LOITEN
69-0936	LOCATOR
73-0092	SAGATAGAN
73-0097	KREIGHLE
82-0014	LITTLE CARNELIAN
82-0046	SQUARE
82-0106	ELMO
82-0115	TANNERS
82-0166	CARVER

Project LEGBEM Lake Bemidji Watershed Project

Start Date 01/01/1989 **Planned Duration** Ongoing

Purpose LAKE WATERSHED STUDY

Assigned Stations

Station ID	Station Name
29-0242	FISH HOOK
S001-892	MISSISSIPPI R CSAH117 CULV N END OF ITASCA ST PK
S001-894	MISSISSIPPI R AT CSAH-40 4.5 MI S OF ALIDA
S001-896	MISSISSIPPI R AT TWSP RD S GRANT VALLEY HALL
S001-897	MISSISSIPPI R AT CSAH 11, 1 MI SW OF BEMIDJI
S002-604	MISS R AT CSAH19, LAKE BEMIDJI OUTLET, 2 MI NE OF BEMIDJI
S002-605	LITTLE BASS CK INLET TO LK BEMIDJI, NE BEMIDJI
S002-606	STORM SEWER INLET TO LK BEMIDJI AT 8TH ST
S002-607	STORM SEWER INLET TO LK BEMIDJI AT 2ND ST
S002-608	STORM SEWER INLET TO LK BEMIDJI AT 26TH ST
S002-609	STORM SEWER INLET TO LK BEMIDJI AT 14TH ST
S002-610	COOL CK AT BIRCHMONT DR,200 FT UPST LK BEMIDJI
S002-611	BEMIDJI GOLF COURSE POND OUTLET FROM LAKE BEMIDJI
S002-612	BALSAM BK AT BIRCHMONT DR, 200 FT US LK BEMIDJI
	STORM SEWER INLET TO LK BEMIDJI AT 15TH ST, BSU

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S002-613	
S002-614	STORM SEWER TO LK BEMIDJI 0.2 M SE OF MISS R INL
S002-615	MISSISSIPPI R INLET TO LK BEMIDJI IN BEMIDJI, MN
S002-616	JUD DITCH 2 AT CSAH 7, 0.2 MI UPST LK IRVING, AT BEMIDJI
S002-617	MISSISSIPPI R AT INLET TO LAKE IRVING IN BEMIDJI
S002-620	GRANT CK AT TWNSP RD, 1 MI W CSAH-14, 6 MI W BEMIDJI
S002-621	LITTLE MISSISSIPPI R AT CSAH-5, 11.5 MI W BEMIDJI
S002-622	LITTLE MISSISSIPPI R ACCESS THRU DON TEWS PROP 3 MI S SOLWAY
S002-623	LITTLE MISS R AT CSAH-2 .2 MI UPST DUNCAN L 3.5 MI S SHEVLIN
S002-624	LASALLE CK AT CSAH-9 4 MI W OF BECIDA
S002-625	SCHOOLCRAFT R CSAH-2 BR 5.5 MI S OF BEMIDJI
S002-626	SCHOOLCRAFT R AT CSAH-44 7 MI N L GEORGE
S002-627	SCHOOLCRAFT R BTW MARQUETTE/CARR LKS NR BEMIDJI

Project LEGBK Big Kandiyohi Lake CLP

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose CLP

Assigned Stations

Station ID	Station Name
S002-744	CO DITCH #58 AT CR81, 2.5 MI SE OF SVEA, MN
S002-745	KIESER INL BIG KANDI LK AT 147TH AVE SE T118NR34WS33
S002-746	OVERLAND DITCH 1 INLET BIG KANDI T118NR34WS28

Project LEGBST Big Stone Lake Restoration CLP

Start Date 01/01/1985 **Planned Duration** Through 1991
Purpose CLP

Assigned Stations

Station ID	Station Name
06-0152	BIG STONE
S000-881	L MINN R ON TRAVERSE CO LINE AT BROWNS VALLEY
S002-876	MN R AT SILT BARRIER 0.4 MI D/S OUT BIG ST. L.
S002-877	MEADOWBROOK CK AT SH-7, 6 MI NW OF ORTONVILLE
S002-878	E SALMONSEN CK AT CSAH-3, 1.5 MI SW OF CLINTON
S002-879	UNN INL BIG STONE L AT SH-7, 4 MI SE BONANZA GR
S002-880	W SALMONSEN CK AT GRAVEL RD SO LN S23, 11 MI SW OF CLINTON
S002-881	FISH CK AT CSAH-33, 3 MILES S OF BEARDSLEY
S002-882	COW CK AT ROBERTS CR 12, 8 MI NW SISSETON, SD
S002-883	JORGENSEN R AT CR 33, 9 MI SE SISSETON, SD

Project LEGBTD Big Toad Lake Intl Joint Coalition WQ Monitoring Prog

Project Summary

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Minnesota Pollution Control Agency

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose Condition

Assigned Stations

Station ID	Station Name
S002-696	UNN INLET TO N SHORE TOAD L, 15 MILES SW OF PONSFORD, MN
S002-697	UNN STR 800 FT UPST OF LK INL AT SH34, 15 MI SW OF PONSFORD
S002-698	UNN INL TO NW SHORE TOAD L, 15 MI SW PONSFORD
S002-699	UNN INLET E SHORE TOAD L AT CR 117, N EVERGREEN

Project LEGBUF Buffalo River Aquifer CWP

Start Date 01/01/1990 **Planned Duration** Through 1994
Purpose CWP

Assigned Stations

Station ID	Station Name
14-0347	GRANT PIT
14-0348	BENEDICT PIT
14-0349	CONNELLY PIT
14-0350	FITZGERALD PIT
S002-700	BUFFALO R AT CR68, 2.5 MILES NW OF GLYNDON
S002-708	BUFFALO R AT CR 94, 5.5 MI W OF AVERILL
S002-709	S BR BUFFALO R AT CR67, 1 MI E OF SABIN
S002-710	S BR BUFFALO R S LN SEC 20, 2 MI S OF SABIN
S002-711	STONY CK AT CR68, 2 MILES SE OF SABIN

Project LEGFCF Carver County Fecal Coliform Study

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose COUNTY WATER MONITORING PROGRAM

Part of the Carver County STORET Program.

Assigned Stations

Station ID	Station Name
S000-843	SILVER CR.,CSAH-41 BY EAST UNION
S002-489	CARVER CK AT US-212, 2.5 MI E OF COLOGNE, MN
S002-490	CARVER CK AT CR-140, 2.3 MI NE OF BENTON, MN
S002-498	EAGLE LK OUTLET AT VEGA AV, 3.4 MI NW OF NORWOOD YNG AMERICA
S002-501	PARLEY LK OUTLET AT GRIMM RD, 2 MI SE OF ST. BONIFACIUS, MN
S002-504	BENT CK AT MN-5, 1.3 MI SW OF WACONIA, MN
S002-505	BEVENS CK 100 YDS UPST OF CSAH-40, 0.4 MI S EAST UNION, MN
S002-508	BEVENS CK AT MAPLEWOOD RD, 1.7 MI NW OF EAST UNION, MN
S002-510	BEVENS CK AT 154TH ST, 3.3 MI SE OF HAMBURG, MN
S002-512	TRIB TO CARVER CK AT CSAH-43, 1.6 MI N OF EAST UNION, MN

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Minnesota Pollution Control Agency

Station ID	Station Name
S002-513	SILVER CK AT OHIO AVE, 3.3 MI SW OF GOTHA, MN
S002-520	TRIB TO CO DT 4A AT TACOMA AVE, 1 MI SE OF NORWOOD YNG AMERI
S002-539	BEVENS CK AT RICE AVE, 3.9 MI SE OF NORWOOD YNG AMERICA, MN
S002-548	W CHASKA CK, 250' W OF CTY RD 10, BEHIND VFW, IN CHASKA, MN
S002-569	CARVER CK AT CSAH-40, 1.5 MI SW OF CARVER, MN
S002-578	DITCH AT 166TH STREET, 6.5 MI NE OF ASSUMPTION
S002-895	SPRING CK AT CSAH-40 IN CARVER, MN

Project LEGCN

Minnesota Copper-Nickel Study

Start Date 01/01/1967 **Planned Duration** LegacyMigration

Purpose MINNESOTA COPPER-NICKEL STUDY

Assigned Stations

Station ID	Station Name
11-0120-01	INGUADONA (N. BAY)
11-0120-02	INGUADONA (S. BAY)
11-0167	LITTLE BOY
11-0171-01	WABEDO (NE BAY)
11-0171-02	WABEDO (SW BAY)
11-0174	GIRL
11-0201-01	BROADWATER BAY
11-0201-02	WOMAN (MAIN)
11-0263	CHILD
38-0605	ONE
38-0638	CLEARWATER
38-0656	GREENWOOD
38-0659	SOUTH MCDUGAL
38-0686	NORTH MCDUGAL
38-0691	AUGUST
38-0701	GABBRO
38-0704	TURTLE
38-0715	TRIANGLE
38-0724	TOFTE
38-0735	SAND
38-0811	FALL
69-0001	PINE
69-0002	SEVEN BEAVER
69-0003	BIRCH
69-0004	WHITE IRON
69-0044	BUTTERBALL
69-0058	PERCH
69-0063	BASS

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0115	BEAR ISLAND
69-0249	COLBY
69-0254	BEAR HEAD
69-0375	WHITEFACE RESRVOIR
69-0434-02	WYNNE (S. WYNNE)
S000-631	ST.LOUIS R 5.5 MI SE OF HOYT LAKES AT NFD BR
S000-911	STONY RIVER BRIDGE ON MN-1, 21.5 MILES SO OF ELY
S000-912	BEAR ISLAND RIVER BRIDGE ON MN-1 5.5 MI S OF ELY
S001-680	EMBARRASS R ON CO RD-620 6 MI SW OF BABBITT
S002-593	COLVIN CREEK ON NFD-420 7 MI E OF HOYT LAKES
S002-594	EMBARRASS R ON CO RD-362 AT EMBARRASS
S002-595	PARTRIDGE R ON RR BRIDGE 6.5 MI S OF BABBITT
S002-596	PARTRIDGE R AT RR BRIDGE 2.5 MI E OF HOYT LAKES
S002-597	ST LOUIS R ON RR BRIDGE 14.5 MI E OF HOYT LAKES
S002-598	ST LOUIS R ON CSAH-100 2 MI S OF AURORA
S002-599	PARTRIDGE R IN T58N R15W S12 1.5 MI E OF AURORA
S002-755	KAWISHIWI R 2.5 MI E OF WINTON
S002-758	KAWISHIWI R. AT FALL L OUTLET 5 MI NE OF WINTON
S002-760	S KAWISHIWI R ON CSAH-16 3.5 MI SE OF WINTON
S002-761	S KAWISHIWI R S OF WHITE IRON L 5.5 MI SE OF ELY
S002-762	UNNAMED TRIB MOUTH AT BIRCH L 6 MI E OF BABBITT
S002-763	KEELEY CR MOUTH AT BIRCH L 10 MI NE OF BABBITT
S002-764	DUNKA R AT AMAX TEST SHAFT 6.5 MI SE OF BABBITT
S002-765	DUNKA R MOUTH AT BIRCH L 3.5 MI E OF BABBITT
S002-807	GREENWOOD R ON NFD 12.5 MI W OF ISABELLA
S002-808	STONY R MOUTH AT BIRCH L 8 MI NE OF BABBITT
S002-809	STONY R ON NFD-106 8 MI W OF ISABELLA
S002-811	STONY R ON NFD-424 8.5 MI SE OF BABBITT
S002-812	S KAWISHIWI R AT GAGING STA 8.5 MI SE OF WINTON
S002-813	FILSON CR W OF CSAH-16 9.5 MI SE OF WINTON
S002-814	ISABELLA R S END BALD EAGLE L 15 MI NW OF ISABELLA
S002-818	KAWISHIWI R AT T63N R9W S19 13.5 MI E OF WINTON
S002-820	SHAGAWA R NEAR CSAH-88 AT ELY

Project LEGCP Centerville-Peltier CWP

Start Date 01/01/1990 **Planned Duration** Through 1993

Purpose CWP

Assigned Stations

Station ID	Station Name
S003-036	RICE CK AT I-35W IN LINO LAKES

Project LEGDL Detroit Lake, Lake Sallie CLP

Start Date 01/01/1967 **Planned Duration** LegacyMigration

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Purpose CLP

Assigned Stations

Station ID	Station Name
S002-117	POPLAR R AT SH92 2.5MI W OF BROOKS
S002-158	DITCH 14 @ OUT FROM ST CLAIR LK AT US-59 1-3/4 MI SW DET LKS
S002-162	SUCKER CK AT SOUTH SHORE DRIVE, 3 1/2 MI SE OF DETROIT LAKES
S002-163	CAMPBELL CK AT CR-149, 5 1/4 MI N OF DETROIT LAKES
S002-167	LITTLE FLOYD R AT OUTLET FROM LITTLE FLOYD LK 4 MI N DET LKS
S002-169	PELICAN R AT MN-34, 1 MI NE OF DETROIT LAKES
S002-171	PELICAN R AT NORTH SHORE DRIVE IN DETROIT LAKES
S002-172	PELICAN R @ OLT FROM DETROIT LK @ CSAH-22, 2 MI SW DET LKS
S002-173	PELICAN R @ OLT FROM MUSKRAT LK DUNTON LOCKS 3 MI SW DET LKS
S002-174	PELICAN R @ OUTLET FROM LAKE SALLIE @ CSAH-22 AT SHOREHAM
S002-701	DETROIT LK INLT CULVERT UNDER CSAH 24 1.5 MI SE OF DETRT LKS
S002-702	E DITCH TO ST.CLAIR LK AT UNN RD .5 MI W OF DETROIT LK
S002-703	INLET TO LK SALLIE FROM FOX LK ON W SHORE, 6 MI W DETROIT LK
S002-704	LK SALLIE INLET FR FISH PONDS 3 MI SW DET LAKES
S002-705	LK SALLIE INLT N END FR MONSON LK AT WDLND RD 3 MI SW DETLKS
S002-707	N DITCH INLET TO ST CLAIR LK 1 MI W DET LAKES

Project LEGFFC Lake Florence Coliform Study

Start Date 01/01/1967 **Planned Duration** LegacyMigration

Purpose SWIMMING SAFETY STUDY

Assigned Stations

Station ID	Station Name
55-0001	FLORENCE
S002-691	CAREY CK AT CSAH6, SW OF STEWARTVILLE
S002-692	N BR ROOT R NR CSAH6 SW OF STEWARTVILLE
S002-695	UNN STREAM INL TO L FLORENCE AT ROAD, W STEWARTVILLE

Project LEGFLO Diagnostic-Feasibility Study of Lake Florence CWP

Start Date 01/01/1989 **Planned Duration** Through 1993

Purpose CWP

Assigned Stations

Station ID	Station Name
S001-355	NORTH BRANCH ROOT R 2.25 MI W OF STEWARTVILLE, MN
S002-688	24" STMSWR INL TO LK FLORENCE, STEWARTVILLE
S002-689	36" STMSWR INL TO LK FLORENCE, STEWARTVILLE

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Station ID	Station Name
S002-690	CAREY CK 0.2 MI UPST OF CSAH-6, SE STEWARTVILLE
S002-692	N BR ROOT R NR CSAH6 SW OF STEWARTVILLE
S002-693	NO BR ROOT R DNST LK FLORENCE DAM, STEWARTVILLE
S002-694	CAREY CK AT UNN DTCH INLET TO LK FLORENCE, STEWARTVILLE
S002-695	UNN STREAM INL TO L FLORENCE AT ROAD, W STEWARTVILLE

Project LEGFRL French Lake CWP

Start Date 01/01/1989 **Planned Duration** Through 1999
Purpose CWP

Continued as "CWPFRCRCH."

Assigned Stations

Station ID	Station Name
S002-680	UNN STR INL NW FRENCH LK 2.5 MI SE OF SHIELDSVILLE, MN
S002-681	UNN STR INL TO NE FRENCH L, 2.5 M SE SHIELDSVILLE, MN
S002-682	UNN STR INL TO SW FRENCH L AT CR71, 1.5 MI S OF SHIELDSVILLE

Project LEGGL Golden Lake Restoration CLP

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose CLP

Assigned Stations

Station ID	Station Name
S002-560	GOLDEN LAKE OUTLET AT END OF GOLDEN LAKE RD EAST
S003-026	ANOKA CO DT 53-62 AT LAKE DRIVE (CR-23) IN CIRCLE PINES

Project LEGGRE Green Lake Association Project

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose LAKE WATERSHED STUDY

Assigned Stations

Station ID	Station Name
S002-721	CROW R MF INLET TO GREEN LK, ABV DAM DWNST FROM NEST LK
S002-913	CROW R MF AT GREEN LK OUTL CSAH-4 BR, 4 1/2 MI SE NEW LONDON

Project LEGHOW Howard Lake Nutrient and Sediment Loading Study

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose LAKE WATERSHED STUDY

Assigned Stations

Station ID	Station Name
S002-798	HOWARD LK INLT KETTLE R BLVD 2 MI SW FOREST LK
S002-799	HOWARD LK INLT KETTLE R BLVD 2.2 MI SW FOREST LK

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Station ID	Station Name
S002-800	HOWARD LK INLT KETTLE R BLVD 3 MI SW FOREST LK
S002-805	RICE CK AT OUTLT OF CLEAR LK, 1 MI S OF FOREST LK
S002-925	UNN DT AT UNN RD BTN MUD AND HOWARD LK, 1.5 MI W OF FOREST L

Project LEGLAKES MPCA Lake Monitoring Program Project

Start Date 01/01/1967 **Planned Duration** LegacyMigration

Purpose This is an inclusive project created to migrate data to modernized STORET from the 21MINNL Agency Code in Legacy STORET where project information was not stored on the sample or result level. Specific purposes for Legacy STORET data collection may be available in the station descriptions.

Assigned Stations

Station ID	Station Name
01-0001	PINE
01-0015	SHUMWAY (GREEN)
01-0019	WOLF
01-0023	ROUND
01-0024	LOON (TOWN LINE)
01-0031	ANDERSON
01-0032	CAMP
01-0033	MINNEWAWA
01-0038	REMOTE
01-0059	HAY
01-0062	BIG SANDY
01-0071-01	DAVIS (MAIN BASIN)
01-0071-02	DAVIS (STEAMBOAT)
01-0072	ROCK
01-0077	RAT
01-0087	SUGAR
01-0089	LONG
01-0096	DAM
01-0099	GUN
01-0102	WILKINS
01-0104	FRENCH
01-0105	FLEMING
01-0117	NORD
01-0123	ELM ISLAND
01-0125	LONE
01-0126	MONSON (SJODINE)
01-0129	SISSABAGAMAH
01-0136	WAUKENABO
01-0137	ROUND
01-0142-01	HILL (MAIN BASIN)
01-0142-02	HILL (SOUTH ARM)
01-0148	WHITE ELK

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Station ID	Station Name
01-0150	LITTLE SPRUCE
01-0157	BIG PINE
01-0158	GREGG
01-0159	FARM ISLAND
01-0161	HAMMAL
01-0170	HANGING KETTLE
01-0178	SPIRIT
01-0185	DOGFISH
01-0188	BLIND
01-0208	SUNSET
01-0209-01	CEDAR (MAIN BASIN)
01-0212	MOULTON
02-0003	OTTER
02-0004	PELTIER
02-0005	GEORGE WATCH
02-0006	CENTERVILLE
02-0007	MARSHAN (FORSHAM)
02-0008	RICE
02-0009	RESHANAU
02-0013	BALDWIN
02-0015	RONDEAU
02-0016	HOWARD
02-0019	CROSSWAYS (TAMARAC)
02-0034	MARTIN
02-0035	FAWN
02-0042	COON
02-0045	GOLDEN
02-0071	SPRING
02-0075-01	MOORE (EAST BAY)
02-0075-02	MOORE (WEST BAY)
02-0084	CROOKED
02-0091	GEORGE
02-0113	GRASS
03-0029	HUNGRY MAN
03-0030	BOOT
03-0085	BAD MEDICINE
03-0102	SHELL
03-0107	TOAD
03-0127	BASS
03-0134	GREEN WATER
03-0153	ISLAND
03-0163	LIZZY
03-0189	LITTLE TOAD
03-0195	HEIGHT OF LAND

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Minnesota Pollution Control Agency

Station ID	Station Name
03-0213	WABOOSE
03-0273	PERCH
03-0359	SALLIE
03-0381	DETROIT
03-0382	ST. CLAIR
03-0387-01	MUD
03-0387-02	FLOYD (BIG FLOYD)
03-0475	MELISSA
03-0500	MAUD
03-0506	LITTLE CORMORANT
03-0575	LEIF
03-0576	BIG CORMORANT
03-0582	IDA
03-0588	UPPER CORMORANT
03-0595	NELSON
03-0602	MIDDLE CORMORANT
03-0647	STINKING
03-0657	TURTLE
04-0007	KITCHI
04-0011	MOOSE
04-0030	CASS
04-0038	ANDRUSIA
04-0069	BLACKDUCK
04-0079	WOLF
04-0111	TURTLE RIVER
04-0120	GULL
04-0122	MEDICINE
04-0124	SANDY
04-0130-02	BEMIDJI (MAIN LK)
04-0132-02	BIG BASS
04-0140	IRVING
04-0155	LITTLE TURTLE
04-0166	JULIA
04-0230	DEER
04-0298	LITTLE BUZZLE
04-0331	DELLWATER (DALE)
04-0343	CLEARWATER
05-0007	MAYHEW
05-0009	PULARSKIS
05-0013	LITTLE ROCK
06-0001	MARSH
06-0002	ARTICHOKE
06-0029	LONG TOM
06-0152	BIG STONE

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Minnesota Pollution Control Agency

Station ID	Station Name
06-0265	UNNAMED
07-0044	MADISON
07-0047	GEORGE
07-0053	DUCK
07-0054	BALLANTYNE
07-0060-01	EAGLE (NORTH)
07-0079	LURA
07-0090	IDA
07-0098	CRYSTAL
07-0101	LILY
08-0011	CLEAR
08-0026	HANSKA
08-0045	SLEEPY EYE
08-0129	WELLNER-HAGMAN RES.
09-0001	THOMSON RESERVOIR
09-0003	GRAHAM
09-0006	BLACKHOOF
09-0007	SPRING
09-0008	CHUB
09-0010	HAY
09-0016	SAND
09-0018	HIZER
09-0019	MUNSON
09-0020	CRYSTAL
09-0026	BOB
09-0029	PARK
09-0032	BIG
09-0034	BEAR
09-0035	LITTLE HANGING HORN
09-0038	HANGING HORN
09-0039	EDDY
09-0057	EAGLE
09-0060-02	ISLAND (SOUTH BAY)
09-0062	CROSS
09-0067	TAMARACK
09-0068	COLE
10-0002	RILEY
10-0006	LOTUS
10-0009	MINNEWASHTA
10-0015	VIRGINIA
10-0019	BAVARIA
10-0029	MILLER
10-0041	ZUMBRA-SUNNY
10-0042	PARLEY

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Minnesota Pollution Control Agency

Station ID	Station Name
10-0044-01	AUBURN (WEST BAY)
10-0044-02	AUBURN (EAST BAY)
10-0045	STEIGER
10-0053	PIERSONS
10-0059	WACONIA
10-0066	WINKLER
10-0069	BENTON
10-0070	MUEWISSEN
10-0088	HYDES
10-0089	GOOSE
10-0121	EAGLE
11-0009-01	L THUNDER (W BAY)
11-0009-02	L THUNDER (E BAY)
11-0029	VERMILLION
11-0045	MARGARET
11-0046	MARION
11-0054	LITTLE ANDRUS
11-0055	PAVELGRIT
11-0059	WASHBURN
11-0069	BASS
11-0073	BIG RICE
11-0092	LITTLE SAND
11-0101	GEORGE
11-0102	ISLAND
11-0104	LAURA
11-0105	UPPER TRELIPE
11-0116	STEVENS
11-0117	TWENTY-SIX
11-0120-02	INGUADONA (S. BAY)
11-0121	MABEL
11-0129	LOWER TRELIPE
11-0142-02	LONG (MAIN BASIN)
11-0142-04	LONG (SW BAY)
11-0147	WINNIBIGOSHISH
11-0156	LOUISE
11-0162	RICE
11-0171-01	WABEDO (NE BAY)
11-0174	GIRL
11-0201-01	BROADWATER BAY
11-0201-02	WOMAN (MAIN)
11-0203-01	LEECH (MAIN BASIN)
11-0203-04	LEECH (SHINGOBEE BAY)
11-0218	UPPER GULL
11-0222	MARGARET

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Minnesota Pollution Control Agency

Station ID	Station Name
11-0234	PONTO
11-0237	DEEP PORTAGE
11-0250	ADA
11-0253	WEST TWIN
11-0257	ISLAND
11-0263	CHILD
11-0265	LITTLE WOMAN
11-0274	BLACKWATER
11-0296	MOCCASIN
11-0297	SOUTH STOCKING
11-0302	LITTLE PORTAGE
11-0304-01	SYLVAN (SW BAY)
11-0304-02	SYLVAN (NE BAY)
11-0305	GULL
11-0307	NORWAY
11-0308-01	BIG PORTAGE (W BAY/BIG PORTAGE LK)
11-0308-02	BIG PORTAGE (E BAY/RICE PORTAGE)
11-0311	WEBB
11-0314	LYDICK
11-0351	FIVE POINT
11-0355	OX YOKE
11-0358	HORSESHOE
11-0361	SANBURN
11-0367	LIND
11-0381	PAQUET
11-0383	PLEASANT
11-0395	LONG
11-0411	PINE MOUNTAIN
11-0412	BIRCH
11-0413	TEN MILE
11-0415	PIKE BAY
11-0450	SOUTH HAYNES
11-0477-01	LITTLE BASS (MAIN)
11-0505	LITTLE WOLF
11-0892	MILLION
13-0012-01	CHISAGO (NORTH BAY)
13-0012-02	CHISAGO (SOUTH BAY)
13-0027	SOUTH CENTER
13-0028	SOUTH LINDSTROM
13-0032-01	NORTH CENTER
13-0041-01	GREEN (LITTLE GREEN)
13-0041-02	GREEN (MAIN BASIN)
13-0053	COMFORT
13-0054	LITTLE COMFORT

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Minnesota Pollution Control Agency

Station ID	Station Name
13-0068	FISH
13-0069-01	RUSH (EAST BAY)
13-0069-02	RUSH (WEST BAY)
15-0005	OZAWINDIB
15-0010	ELK
15-0057	LONG
15-0060	WALKER BROOK
15-0068	LONG LOST
16-0001-N005	SUPERIOR
16-0001-N006	SUPERIOR
16-0001-N007	SUPERIOR
16-0001-N008	SUPERIOR
16-0001-N009	SUPERIOR
16-0001-N010	SUPERIOR
16-0001-N011	SUPERIOR
16-0001-N012	SUPERIOR
16-0001-N013	SUPERIOR
16-0001-N014	SUPERIOR
16-0001-N015	SUPERIOR
16-0001-N016	SUPERIOR
16-0001-N017	SUPERIOR
16-0001-N018	SUPERIOR
16-0001-N019	SUPERIOR
16-0001-N020	SUPERIOR
16-0001-N021	SUPERIOR
16-0001-N022	SUPERIOR
16-0001-N023	SUPERIOR
16-0001-N024	SUPERIOR
16-0001-N025	SUPERIOR
16-0001-N026	SUPERIOR
16-0001-N027	SUPERIOR
16-0001-N028	SUPERIOR
16-0002	DUTCHMAN
16-0004	UNNAMED
16-0005	SPECKLED TROUT
16-0013	PROUT
16-0016	UNNAMED
16-0019	TOM
16-0023	ESTHER
16-0027	MCFARLAND
16-0029	DEVILFISH
16-0030	HIGHLANDER
16-0031	LOFT
16-0033	CHESTER

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Minnesota Pollution Control Agency

Station ID	Station Name
16-0035	JOHN
16-0041	PINE
16-0043	MOOSE
16-0048	MARSH
16-0049	TROUT
16-0071	CARROT
16-0077	GREENWOOD
16-0082	SPARK
16-0089	NORTHERN LIGHT
16-0090	CRYSTAL
16-0095	UNNAMED
16-0096	ELBOW
16-0097	PICKEREL
16-0098	BINAGAMI
16-0103	LOGGER
16-0104	MUSQUASH
16-0114	ALDER
16-0115	ROCKY
16-0139	CLEARWATER
16-0141	CARIBOU
16-0143	DEVIL TRACK
16-0146	EAST BEARSKIN
16-0147	FLOUR
16-0152	DIGIT
16-0153	UNNAMED
16-0154	TRACK
16-0156	TWO ISLAND
16-0158	OLSON
16-0160	THOMPSON
16-0162	POCKET
16-0163	PENDANT
16-0164	BATH
16-0182	BALL CLUB
16-0186	WEST TWIN
16-0191	THRUSH
16-0192	THRASHER
16-0193	MIT
16-0198	LEO
16-0202	SQUINT
16-0204	ASPEN
16-0220	MORGAN
16-0227	HUNGRY JACK
16-0228	BEARSKIN
16-0232	DUNCAN

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Minnesota Pollution Control Agency

Station ID	Station Name
16-0233	PARTRIDGE
16-0235	MCDONALD
16-0239	POPLAR
16-0247	BIRCH
16-0250	MARK
16-0251	TURTLE
16-0252	PIKE
16-0253	DEER YARD
16-0257	BABBLE
16-0267	VERNON
16-0299	RUSH
16-0328	IRON
16-0337	MAYHEW
16-0342	EAST POPE
16-0343	SURBER
16-0346	CASCADE
16-0347	LITTLE CASCADE
16-0348	BRULE
16-0354	WINCHELL
16-0356	GUNFLINT
16-0357	CRAB
16-0358	BARKER
16-0360	CARIBOU
16-0361	WILLIAMS
16-0365	CLARA
16-0366	HOLLY
16-0373	CHRISTINE
16-0375	PIPE
16-0380	GUST
16-0381	JOCK MOCK
16-0382	LICHEN
16-0383	BOUDER
16-0388	UNNAMED
16-0398	WENCH
16-0402	JUNO
16-0406	HOMER
16-0412	UPPER CONE
16-0435	DAVIS
16-0448	LOON
16-0453	RICE
16-0454	CRESCENT
16-0456	NORTH TEMPERANCE
16-0460	LONG ISLAND
16-0465	BRADLEY

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Minnesota Pollution Control Agency

Station ID	Station Name
16-0466	OBERG
16-0475	PANCORE
16-0477	BURNT
16-0486	BAKER
16-0496	SAWBILL
16-0571	FROST
16-0607	UNNAMED (ROUND)
16-0608	HAM
16-0617	GNEISS
16-0622	ALTON
16-0629	SEA GULL
16-0632-01	GULL (MAIN BASIN)
16-0633-06	SAGANAGA (AREA 6)
16-0634	DYERS
16-0641	PANCAKE
16-0642	WRINGER
16-0645	TOOHEY
16-0654	TIMBER
16-0657	GRACE
16-0659	BETH
16-0677	DENT
16-0686	WINE
16-0701	BARTO
16-0753	GILLIS
16-0757	PETER
16-0759	ALPINE
16-0793	RED ROCK
16-0805-01	ELBOW (MAIN BASIN)
16-0808	PHOEBE
16-0809	LITTLE SAGANAGA
16-0811	GABIMICHIGAMI
16-2001-N001	SUPERIOR
16-2001-N002	SUPERIOR
16-2001-N003	SUPERIOR
16-2001-N004	SUPERIOR
17-0003	MOUNTAIN
17-0007	BINGHAM
17-0022	COTTONWOOD
18-0009	ERSKINE
18-0019	KENNEY
18-0034	BAY
18-0038	CLEARWATER
18-0041-01	CROOKED (SUGAR BAY)
18-0041-02	CROOKED (MAIN BAY)

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Minnesota Pollution Control Agency

Station ID	Station Name
18-0044	HANKS
18-0048	PARTRIDGE
18-0049	WILSON
18-0050	PORTAGE
18-0059	BLACK
18-0060	AGATE
18-0069	PORTAGE
18-0076	PLACID
18-0088	PLATTE
18-0090	SERPENT
18-0093-02	RABBIT (W BASIN)
18-0096	UPPER SOUTH LONG
18-0104	NOKAY
18-0117	BLACK HOOF
18-0127	COLE (CRATO)
18-0136	SOUTH LONG
18-0140	BLACK BEAR
18-0145	RICE
18-0155	CROW WING
18-0183	ISLAND
18-0186	PERRY
18-0191	BASS
18-0195	DOLNEY
18-0203	EMILY
18-0206	PAPOOSE
18-0207	LITTLE EMILY
18-0212	RUTH
18-0218	TROUT
18-0220	SMOKEY HOLLOW
18-0224	FOOL
18-0225	ADNEY
18-0239	SILVER
18-0240	FAWN
18-0242	UPPER MISSION
18-0243	LOWER MISSION
18-0266	LITTLE PINE
18-0284	VELVET
18-0287	GREER
18-0293	KEGO
18-0294	MITCHELL
18-0296-01	EAGLE (MAIN)
18-0298	EAST FOX
18-0301	MEYER
18-0305	EDWARD

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Minnesota Pollution Control Agency

Station ID	Station Name
18-0306	BASS
18-0308	PELICAN
18-0310	WHITEFISH
18-0311	RUSH
18-0312	CROSS LK RESERVOIR
18-0315	BIG TROUT
18-0320-01	GILBERT (EAST BAY)
18-0320-02	GILBERT (WEST BAY)
18-0352	OSSAWINNAMAKEE
18-0361	KIMBALL
18-0362	GRASS
18-0364	CLEAR
18-0371	PERCH
18-0372	NORTH LONG
18-0373	ROUND
18-0376	UPPER CULLEN
18-0377	MIDDLE CULLEN
18-0378	LOWER HAY
18-0379	WHITE SAND
18-0403	LOWER CULLEN
18-0404	SIBLEY
18-0412	UPPER HAY
18-0416	LIZZIE
18-0435	MANUEL MINE
18-0520	MORROCO (MARACO) MINE
18-0667	UNNAMED (SECTION 6)
19-0002	UNNAMED (SPRG BANK)
19-0005-01	SPRING (L&D 2 POOL)
19-0005-02	RIVER (L&D 2 POOL)
19-0005-04	BALDWIN (L&D2 POOL)
19-0006	BYLLESBY
19-0021	ALIMAGNET
19-0026-01	MARION (EAST BAY)
19-0026-02	MARION (MIDDLE BAY)
19-0027	CRYSTAL
19-0031	ORCHARD
19-0042	MARCOTT (OHMAN'S)
19-0046	DICKMAN
19-0057	FISH
19-0059	BLACKHAWK
19-0063	UNNAMED (SCHWANZ)
19-0065	HOLLAND
19-0067	THOMAS
19-0075	SCHULTZ

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Minnesota Pollution Control Agency

Station ID	Station Name
19-0203-02	MAIN
21-0003	CLIFFORD (SWIMS)
21-0007	HERBERGER
21-0011	KUNTZ
21-0016	SMITH
21-0051	HENRY
21-0053	AGNES
21-0054	VICTORIA
21-0056	LE HOMME DIEU
21-0057	CARLOS
21-0076	IRENE
21-0079	MAPLE
21-0080	DARLING
21-0081	WINONA
21-0083	MILTONA
21-0085	ANDREW
21-0090	TURTLE
21-0092	MARY
21-0103	COWDRY
21-0106-01	LATOKA (NORTH BAY)
21-0106-02	LATOKA (SOUTH BAY)
21-0123	IDA
21-0144-01	LOBSTER (EAST BAY)
21-0144-02	LOBSTER (WEST BAY)
21-0145	CHIPPEWA
21-0180	MILL
21-0212	LITTLE CHIPPEWA
21-0216	WHISKEY
21-0242	AARON
21-0291	RED ROCK
21-0336	FANNY
21-0380	UNNAMED (S. POND)
22-0074	BASS
24-0014	ALBERT LEA
24-0018-01	FOUNTAIN (E. BAY)
24-0018-02	FOUNTAIN (W. BAY)
24-0028	BEAR
24-0030	STATE LINE
24-0044	FREEBORN
25-0001	PEPIN
25-0005	GOOSE
25-0007	WILDCAT
25-0009	BIRCH
25-0016	LARSON

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Minnesota Pollution Control Agency

Station ID	Station Name
25-0017-02	NELSON
25-0019	CLEAR
25-0021	L. RATTLING SPRINGS
26-0002	PELICAN
26-0040	ELK
26-0076	LITTLE
26-0095	BARRETT
26-0097	POMME DE TERRE
26-0185	COTTONWOOD
27-0004	PENN
27-0014	POWDERHORN
27-0016	HARRIET
27-0018	HIAWATHA
27-0019	NOKOMIS
27-0022	DIAMOND
27-0026	WOOD
27-0031	CALHOUN
27-0035-01	SWEENEY-TWIN (SWEENEY BAY)
27-0035-02	SWEENEY-TWIN (TWIN BAY)
27-0037	WIRTH
27-0038	BROWNIE
27-0039	CEDAR
27-0040	LAKE OF THE ISLES
27-0042-01	TWIN (NORTH BAY)
27-0042-02	TWIN (MIDDLE BAY)
27-0042-03	TWIN (SOUTH BAY)
27-0047	BUSH
27-0048	HYLAND
27-0052	HANNAN
27-0058	RYAN
27-0062-01	ANDERSON (N. BAY)
27-0062-02	ANDERSON (SE BAY)
27-0062-03	ANDERSON (SW BAY)
27-0067	BRYANT
27-0071	ROUND
27-0085	LIBBS
27-0089-01	SHADY OAK (N. BAY)
27-0089-02	SHADY OAK (MIDDLE BAY)
27-0095-01	GLEASON (MAIN BAY)
27-0104	MEDICINE
27-0111-01	EAGLE/PIKE (EAGLE BAY)
27-0111-02	EAGLE/PIKE (PIKE BAY)
27-0116-01	RICE
27-0118	FISH

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Minnesota Pollution Control Agency

Station ID	Station Name
27-0133-01	MINNETONKA (GRAYS BAY)
27-0133-02	MINNETONKA (LOWER LAKE)
27-0133-03	MINNETONKA (CARSONS BAY)
27-0133-04	MINNETONKA (ST.ALBANS BAY)
27-0133-05	MINNETONKA (UPPER LAKE)
27-0133-06	MINNETONKA (BLACK LK)
27-0133-09	MINNETONKA (HALSTEDS BAY)
27-0133-10	MINNETONKA (CRYSTAL BAY)
27-0133-11	MINNETONKA (MAXWELL BAY)
27-0133-12	MINNETONKA (STUBBS BAY)
27-0133-13	MINNETONKA (N. ARM)
27-0133-14	MINNETONKA (W. ARM)
27-0133-15	MINNETONKA (JENNINGS BAY)
27-0134	MOONEY
27-0137	CHRISTMAS
27-0138	PEAVEY
27-0139	FOREST
27-0141	TANAGER
27-0144	GALPIN
27-0149	SPURZEM
27-0160	LONG
27-0176	INDEPENDENCE
27-0179-01	LITTLE LONG (N BAY)
27-0182	LANGDON
27-0656	TWIN
27-1045-01	MOUNT NORMANDALE
29-0001	KETTLE
29-0003	NAGEL
29-0015	WILLIAMS (CRYSTAL)
29-0022	STEEL
29-0023	ROBINSON
29-0036-01	11 CROW WING (MAIN)
29-0066	MIDGE
29-0074	INDIAN
29-0075	KABEKONA
29-0077	THIRD CROW WING
29-0081	WOLF
29-0083	BLADDER
29-0092	FIFTH CROW WING
29-0093	SIXTH CROW WING
29-0101-01	CROOKED (E CROOKED)
29-0117-01	SPIDER (NE/SW BAY)
29-0117-02	SPIDER (EAST BAY)
29-0150	LITTLE SAND

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Minnesota Pollution Control Agency

Station ID	Station Name
29-0157	UPPER TWIN
29-0161	LONG
29-0184	BLUE
29-0239	SPEARHEAD
29-0242	FISH HOOK
29-0312	CEDAR
30-0009	TYPO
30-0022	SKOGMAN
30-0035	FLORENCE (PAUL'S)
30-0043	FANNIE
30-0044	LITTLE STANCHFIELD
30-0072	LONG
30-0080	FRANCIS
30-0096	LORY
30-0107-01	BLUE (NORTH BAY)
30-0107-02	BLUE (SOUTH BAY)
30-0135	SPECTACLE
30-0136	GREEN
30-0138	SOUTH STANCHFIELD
31-0001	LONG
31-0003	SOUTH STURGEON
31-0020	HART
31-0026-01	TWIN (EAST BAY)
31-0026-02	TWIN (WEST BAY)
31-0028	BEAUTY
31-0051	STINGY
31-0052	BOWER
31-0057	SHERRY
31-0058	BEATRICE
31-0067-02	SWAN (MAIN BASIN)
31-0069	BUCK
31-0070	O'LEARY
31-0093	LITTLE SAND
31-0120	BIG MCCARTHY
31-0141	SHOAL
31-0152	WOLF
31-0154	HARTLEY
31-0157	BEAR
31-0158	THISTLEDEW
31-0160	MIRROR
31-0171	CRUM
31-0173	UNNAMED
31-0175	BUTTON BOW (LONG)
31-0188	TANK (LORRAINE)

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0190	NORTH TWIN
31-0193	CROOKED
31-0198	LITTLE COWHORN
31-0209	ROUND (CLEAR)
31-0216	TROUT
31-0218	SHAMROCK
31-0219	O'REILLY
31-0231	LAWRENCE
31-0254	IAASAC
31-0258	KING
31-0259	BALSAM
31-0260	WHITE SWAN
31-0289	LOST
31-0292	OWEN
31-0297	RAINBOW
31-0311	ERSKINE
31-0314	DUCK
31-0316	BASS
31-0317	LARSON
31-0328	ELBOW
31-0329	UNNAMED (L. HORSESHOE)
31-0334	DEER
31-0339	PICKEREL
31-0341	LITTLE SPLIT HAND
31-0347	SPRUCE
31-0349	ANTLER
31-0353	SPLIT HAND
31-0373	HALE
31-0384	PRAIRIE
31-0392	WABANA
31-0394	LITTLE TROUT
31-0395	BLUEWATER
31-0403	BOSLEY
31-0410	TROUT
31-0413	BURROWS
31-0414	MOON
31-0416	BLACK ISLAND
31-0417	NOSE
31-0424	BURNT SHANTY
31-0431	MOSS
31-0434	SNOWSHOE
31-0438	SAND
31-0454	EAGLE
31-0480	GUNN

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0481	HIGHLAND
31-0482	DOE
31-0490	ELIZABETH
31-0506	LAKE OF ISLES
31-0516	UNNAMED
31-0520	LITTLE NECK
31-0524-01	COON-SANDWICK (COON)
31-0524-02	COON-SANDWICK (SANDWICK LK)
31-0530	BUSTIES
31-0533	BLANDIN
31-0540	CLUBHOUSE
31-0541	LITTLE BASS
31-0547	SMITH
31-0554	SISEEBAKWET (SUGAR)
31-0560	FORSYTHE
31-0569	GUILE
31-0570	LONG
31-0571	LOON
31-0575	LITTLE BASS
31-0576	BASS
31-0586	JOHNSON
31-0588	LITTLE HORN
31-0600	HILL
31-0603	LUCKY
31-0604	LAWRENCE
31-0610	LITTLE MOOSE
31-0616	EAST SMITH
31-0620	CARIBOU
31-0622	DEAD HORSE
31-0623	BOY
31-0624	GRAVE
31-0638	BEAVER
31-0643	DOCTOR
31-0644	ISLAND
31-0645	KREMER
31-0646	SURPRISE
31-0649	DOCK
31-0653	NORTH STAR
31-0654	BURNS
31-0663	FOREST
31-0664	RANIER
31-0671	BIG ISLAND
31-0679	LITTLE SMITH
31-0704	BATSON

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Minnesota Pollution Control Agency

Station ID	Station Name
31-0717	RICE
31-0718	STEVENS
31-0719	DEER
31-0722	MOOSE
31-0726	BELLO
31-0733	LITTLE SISEEBAKWET
31-0775	NO-TA-SHE-BUN
31-0786	JESSIE
31-0812	BIG CLUB (BALL CLUB)
31-0813	BOWSTRING
31-0826	SAND
31-0837	NORMA
31-0839	HOLLOWAY (BASS)
31-0848	WIRT (BEAVER)
31-0850	LTL WINNIBIGOSHISH
31-0857-01	CUT FOOT SIOUX (MAIN BASIN)
31-0877	NATURES
31-0880	SCHOOL HOUSE
31-0882	DORA
31-0889	GLOVE
31-0896	ROUND
31-0921	DIXON
31-1325-14	DIAMOND PIT
32-0018	FISH
32-0020	LOON
32-0022	CLEAR
32-0024	LITTLE SPIRIT
32-0069	ROUND
33-0001	ELEVEN
33-0002	BEAUTY
33-0003	FIVE
33-0005	THIRTEEN
33-0006	FEATHERBED
33-0009	POMROY
33-0014	UNNAMED
33-0015	QUAMBA
33-0016	SPENCE
33-0017	UNNAMED
33-0018	SELLS
33-0024	FULL OF FISH
33-0027	SPRING
33-0028	KNIFE
33-0032	LEWIS
33-0033	DEVIL'S

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Minnesota Pollution Control Agency

Station ID	Station Name
33-0036	FISH
33-0040	ANN
34-0044	DIAMOND
34-0066	LONG
34-0079	GREEN
34-0086	BIG KANDIYOHI
34-0096	LITTLE KANDIYOHI
34-0105	KASOTA
34-0116	HENDERSON
34-0142	GEORGE
34-0154	NEST
34-0169-02	WAKANDA (EAST BAY)
34-0169-03	WAKANDA (MAIN BASIN)
34-0171	EAGLE
34-0192	LONG
34-0206	ANDREW
34-0208	MIDDLE
34-0217	FLORIDA
34-0224	GAMES
34-0251	NORWAY
36-0018	BARTLETT
37-0046-01	LAC QUI PARLE (SE BASIN)
37-0046-02	LAC QUI PARLE (NW BASIN)
38-0014	CRAMER
38-0018	BENSON
38-0019	PEARL
38-0024-01	CROOKED (EAST BAY)
38-0025	BONANZA
38-0026	HARE
38-0027	MORRIS
38-0028	ECHO
38-0029	GOLDENEYE
38-0033	NINEMILE
38-0037	PACCINI
38-0047	WILSON
38-0053	DAM FIVE
38-0057-02	CANAL
38-0058	SCARP
38-0064	COFFEE
38-0067	ORGAN
38-0068	WINDY
38-0079	WATONWAN
38-0080	KAWISHIWI
38-0090	MALBERG

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Minnesota Pollution Control Agency

Station ID	Station Name
38-0098	KOMA
38-0104	POLLY
38-0113	RAVEN
38-0140	BOULDER
38-0153	ADAMS
38-0166	CHERRY
38-0180	OGISHKEMUNCIE
38-0187	EDDY
38-0206	HANSON
38-0207	ESTER
38-0214	RABBIT
38-0218	ELIXIR
38-0220	PERENT
38-0223	BEAVER
38-0225	SAGUS
38-0226	KEKEKABIC
38-0227	AMOEBER
38-0230	NICADO
38-0231	TETAGOUCHE
38-0232	NIPISQUIT
38-0233	MICMAC
38-0241	KANGAS
38-0242	JOHNSON
38-0243	KENNEDY
38-0248	SONJU
38-0249	DOYLE
38-0255	TANNER
38-0256	DIVIDE
38-0258	SECTION EIGHT
38-0269	HOMESTEAD
38-0330	ALICE
38-0336	AMBER
38-0351	THOMAS
38-0369	HATCHET
38-0372	FRASER
38-0383	UNNAMED (PLEASANT)
38-0388	SPOON
38-0393	DUMBELL
38-0396	ISABELLA
38-0397	INSULA
38-0400	IMA
38-0404	KNIFE
38-0405	BEAR
38-0406	LAX

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Minnesota Pollution Control Agency

Station ID	Station Name
38-0408	BEAR
38-0409	BEAN
38-0411	FRY
38-0415	DELAY
38-0420	OSIER
38-0453	SOUTH WILDER
38-0483	FIRE
38-0488	DISAPPOINTMENT
38-0491	VERA
38-0498	ENSIGN
38-0502	ASHIGAN
38-0503	BOOT
38-0526	PARENT
38-0529	SNOWBANK
38-0532	BIRCH
38-0557	GROUSE
38-0580	HORSESHOE
38-0584	PICTRO
38-0590	GULL
38-0600	THREE
38-0605	ONE
38-0608	TWO
38-0616	MANOMIN
38-0638	CLEARWATER
38-0640	OJIBWAY
38-0642	WIND
38-0645	BASSWOOD (WHOLE LK)
38-0650	MARBLE
38-0651	KANE
38-0656	GREENWOOD
38-0664	DUNNIGAN
38-0666	SLATE
38-0667	GUNSTEN
38-0673	HIGHLIFE
38-0674	EAST CHUB
38-0691	AUGUST
38-0701	GABBRO
38-0704	TURTLE
38-0715	TRIANGLE
38-0718	GREENSTONE
38-0722	CLEAR
38-0724	TOFTE
38-0727	ELLA HALL
38-0729	WOOD

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Minnesota Pollution Control Agency

Station ID	Station Name
38-0735	SAND
38-0738	N. BR. KAWISHIWI R.
38-0741	PICKEREL
38-0744	STEWART
38-0750	CHRISTIANSON
38-0751	THOMAS
38-0779	FARM
38-0780	BROWNS
38-0782	GARDEN
38-0784	NEWTON
38-0785	TIN CAN MIKE
38-0786	SANDPIT
38-0792	HORSE
38-0810	CEDAR
38-0811	FALL
38-0813	FOURTOWN
38-0816	MOOSECAMP
38-0817	CROOKED
40-0001	HORSESHOE
40-0002	UPPER SAKATAH
40-0009	SUNFISH
40-0013	DIAMOND
40-0020	GREENLEAF
40-0031	TETONKA
40-0032	GORMAN
40-0033	VOLNEY
40-0057	FRANCES
40-0061	TUSTIN
40-0063	GERMAN
40-0079	CLEAR
40-0092-01	JEFFERSON (E JEFF.)
40-0092-02	JEFFERSON (W JEFF.)
40-0092-04	JEFFERSON (MIDDLE JEFF.)
40-0117	WASHINGTON
40-0119	SCOTCH
40-0124	EMILY
41-0021-01	DEAD COON (MAIN LAKE)
41-0034	STAY
41-0043	BENTON
41-0089	SHAOKOTAN
41-0110	HENDRICKS
42-0002	SCHOOL GROVE
42-0047	YANKTON
42-0052	ROCK

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Minnesota Pollution Control Agency

Station ID	Station Name
42-0093	GOOSE
42-0096	ISLAND
43-0012	WINSTED
43-0014	SOUTH
43-0034	SILVER
43-0073	HOOK
43-0084	MARION
43-0085-01	OTTER (MAIN BASIN)
43-0104	STAHL'S
43-0115	CEDAR
43-0116	ROUND GROVE
44-0001	ROY (SIMON)
44-0038	ISLAND
45-0119	UNNAMED (FLORIAN RSR)
46-0014-01	WILMERT (MAIN BAY)
46-0020	SOUTH SILVER
46-0024	GEORGE
46-0025	SISSETON
46-0030	BUDD
46-0031	HALL
46-0046	PERCH
46-0051	OKAMANPEEDAN
46-0052	BRIGHT
46-0096	CLEAR
46-0109	FOX
46-0133	BIG TWIN
47-0002	FRANCIS
47-0015	JENNIE
47-0026	LONG
47-0032	SPRING
47-0038	BIG SWAN
47-0042	BETTY (BETSY)
47-0046	WASHINGTON
47-0049-01	BELLE
47-0050	MANUELLA
47-0060	SIOUX
47-0061	WILLIE
47-0062	GREENLEAF
47-0064	ERIE
47-0068	STELLA
47-0082	DUNNS
47-0088	RICHARDSON
47-0095	CLEAR
47-0096	LITTLE MUD

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Minnesota Pollution Control Agency

Station ID	Station Name
47-0102	ROUND
47-0119	MINNIE-BELLE
47-0134-02	RIPLEY
47-0177	LONG
48-0002	MILLE LACS
48-0012	SHAKOPEE
49-0005	PEAVY
49-0015	LONG
49-0016	SULLIVAN
49-0019	ROUND
49-0024	PIERZ
49-0025	RICE
49-0030	PELKEY
49-0032	MICHAELS
49-0035	GREEN PRAIRIE FISH
49-0079	ALEXANDER
49-0081	PINE
49-0127	SHAMINEAU
49-0133	CROOKNECK
49-0137	FISH TRAP
49-0140	CEDAR
50-0002	EAST SIDE
50-0003	MILL POND
50-0004	RAMSEY MILL POND
51-0020	SECOND FULDA
51-0021	FIRST FULDA
51-0040	BLOODY
51-0043	FOX
51-0046	SHETEK
51-0063	SARAH
51-0082	CURRANT
52-0034	SWAN
53-0007	INDIAN
53-0020	EAST GRAHAM
53-0021	WEST GRAHAM
53-0024-01	OCHEDA (WEST BASIN)
53-0024-02	OCHEDA (MIDDLE BAY)
53-0024-03	OCHEDA (EAST BASIN)
53-0028	OKABENA
53-0045	BELLA
55-0001	FLORENCE
55-0002	MAYOWOOD
55-0003	SILVER
55-0004	ZUMBRO

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Minnesota Pollution Control Agency

Station ID	Station Name
55-0005	SHADY
55-0020	WILLOW RES. #4
55-0021	WILLOW RES. #6A
56-0130	BIG PINE
56-0138	EAST BATTLE
56-0141	RUSH
56-0142	LITTLE PINE
56-0191-01	STUART (MAIN BASIN)
56-0238	CLITHERALL
56-0239	WEST BATTLE
56-0240	BLANCHE
56-0242	OTTER TAIL
56-0243	MARION
56-0253	EAGLE
56-0302-01	SILVER (1ST SILVER)
56-0304	UNNAMED
56-0305	UNNAMED
56-0306	ELBOW
56-0307	UNNAMED
56-0308	UNNAMED
56-0309	SLAUGHTERHOUSE SLU
56-0358	SCALP (SEVEN)
56-0369	SIX
56-0382	TWIN
56-0383	DEAD
56-0385	STAR
56-0386-01	BIG MCDONALD (N. BAY)
56-0386-02	BIG MCDONALD (W. MCDONALD)
56-0386-03	BIG MCDONALD (SE BAY)
56-0428	LONG
56-0449	PLEASANT
56-0475	PICKEREL
56-0476	MAINE (ROUND)
56-0569-01	NORWAY (EAST BAY)
56-0656	FOSSAN
56-0658	WALL
56-0684	FISH
56-0695	HEILBERGER
56-0747-01	LIDA (MAIN BASIN)
56-0760-01	LIZZIE (NORTH)
56-0761	LITTLE PELICAN
56-0768	FISH
56-0770	BASS
56-0784	LONG

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Minnesota Pollution Control Agency

Station ID	Station Name
56-0786	PELICAN
56-0824	DAYTON HOLLOW RES.
56-0877	JEWETT
56-0915	PRAIRIE
56-0945	ORWELL
57-0051	RED LAKE RIVER RES.
58-0007	ROCK
58-0009	STEVENS
58-0010	RAZOR
58-0012	McGOWAN
58-0013	GRIEGS
58-0015	KEENE
58-0018	LENA
58-0024	TAMARACK
58-0025	DOLLAR
58-0028	LITTLE TAMARACK
58-0029	GRACE
58-0032	HEADQUARTERS
58-0038	NET
58-0040	CLAYTON
58-0044	OLIVE
58-0054	WALLACE
58-0059	STEVENS
58-0062	ISLAND
58-0063	LORDS
58-0067	STURGEON
58-0073	DAGO
58-0074	JOHNSON
58-0078	RUSH
58-0081	SAND
58-0083	SECOND
58-0088	UNNAMED
58-0089	CEDAR
58-0099	FIRST
58-0100	UNNAMED
58-0102	FOX
58-0103	MUD
58-0104	CLEAR
58-0119	CROSS
58-0123	GRINDSTONE
58-0127	LITTLE BASS
58-0128	BASS
58-0129	LITTLE PINE
58-0131	FISH

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Minnesota Pollution Control Agency

Station ID	Station Name
58-0132	INDIAN
58-0135	MILLER
58-0137	BASS
58-0138	BIG PINE
58-0142	POKEGAMA
60-0015	WHITEFISH
60-0032	TURTLE
60-0069	SAND HILL
60-0130	STORE
60-0139	UNNAMED (JEPPSON)
60-0202	SARAH
60-0214	BADGER
60-0217	UNION
60-0305	MAPLE
61-0023	GROVE
61-0037	LINKA
61-0041	SCANDINAVIAN
61-0064	AMELIA
61-0067	VILLARD
61-0072	GILCHRIST
61-0111	PELICAN
61-0122	ANN
61-0130	MINNEWASKA
61-0149	SIGNALNESS (MOUNTN)
61-0162	MALMEDAL
61-0180	EMILY
62-0001	SILVER
62-0002	BALD EAGLE
62-0004	PIGS EYE
62-0006	KOHLMAN
62-0007	GERVAIS
62-0010-02	KELLER (MAIN)
62-0011	WAKEFIELD
62-0013	PHALEN
62-0016	BEAVER
62-0027	GILFILLAN
62-0034	GOOSE
62-0046	PLEASANT
62-0054	McCARRON
62-0055	COMO
62-0056	OWASSO
62-0057	JOSEPHINE
62-0058	LITTLE JOHANNA
62-0061	TURTLE

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Minnesota Pollution Control Agency

Station ID	Station Name
62-0067	LONG
62-0069	PIKE
62-0070	ROUND
62-0071	VALENTINE
62-0072	KARTH
62-0073	SNAIL
62-0075-01	ISLAND (BASIN S. OF I-694)
62-0075-02	ISLAND (BASIN N. OF I-694)
62-0078	JOHANNA
62-0080	EMILY
62-0081	JUDY (MUD)
62-0082	WABASSO
62-0083	SILVER
64-0058	REDWOOD
65-0002	PRESTON
65-0006	ALLIE
66-0008	CANNON
66-0015	KELLY
66-0018	ROBERDS
66-0027	CIRCLE
66-0029	FOX
66-0038	FRENCH
66-0039	MAZASKA
66-0052	CEDAR
66-0055	SHIELDS
69-0003	BIRCH
69-0004	WHITE IRON
69-0011	PEQUAYWAN
69-0016	SAND
69-0023	INDIAN
69-0027	STONE
69-0028	LITTLE STONE
69-0030	WHITE
69-0058	PERCH
69-0061	ONE PINE
69-0065	MINISTER
69-0066	LITTLE LONG
69-0069	SHAGAWA
69-0071	HIGH
69-0080	NELS
69-0081	REGENBOGEN
69-0082	GRASSY
69-0084	SLETTEN
69-0085	FENSKE

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0086	LITTLE SLETTEN
69-0093	GUN
69-0096	ANGLEWORM
69-0100	BOOT
69-0111	SMITH
69-0112	BEAR
69-0115	BEAR ISLAND
69-0116	MITCHELL
69-0117	JOHNSON
69-0118	BURNTSIDE
69-0119	FIRST
69-0120	EVERETT
69-0122	UNNAMED
69-0128	BRIAR
69-0129	SPRING
69-0132	BARRS
69-0133	STRAIGHT
69-0139	SANTA CLAUS
69-0143	WOLF
69-0155	COLD
69-0161	WOLF
69-0180	LITTLE RICE
69-0181	SLIM
69-0182	HOOK
69-0189	HANSON
69-0190	BIG
69-0199	ED SHAVE
69-0205	STUART
69-0213	TOE
69-0217	WEST ROBINSON
69-0218	EAGLES NEST #4
69-0220	CRAB
69-0223	AGNES
69-0224	LAC LA CROIX
69-0225	ANTOINETTE
69-0230	SCHULTZ
69-0231	JACOBS
69-0232	HORSESHOE
69-0234	MIRROR
69-0235	SUNSHINE
69-0237	CAMERON
69-0238	EAGLE
69-0239	UNNAMED
69-0241	THOMPSON

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0249	COLBY
69-0254	BEAR HEAD
69-0277	CLEAR
69-0278	ARMSTRONG
69-0285-01	EAGLES NEST #1
69-0285-02	EAGLES NEST #2
69-0296	LITTLE CRAB
69-0299	HASSEL
69-0305	MEAT
69-0316	BIG MOOSE
69-0325	CUMMINGS
69-0329	MEANDER
69-0330	OYSTER
69-0339	RAMSHEAD
69-0342	ROCKY
69-0343	HUSTLER
69-0350	GE-BE-ON-EQUAT
69-0369	TAKUCMICH
69-0371	WILD RICE
69-0376	WHITEWATER
69-0378-01	EAST VERMILION
69-0378-02	WEST VERMILION
69-0378-03	VERMILION (PIKE BAY)
69-0381	BUCK
69-0394	FLOWAGE
69-0397	CLEARWATER
69-0399	DEEPWATER
69-0412-01	UPPER COMSTOCK
69-0429	SABIN (EMBARRASS PIT)
69-0448	PINE
69-0452	BOOTLEG
69-0456	JEANETTE
69-0457	NIGH
69-0461	SHELL
69-0464	LOWER PAUNESS
69-0470	LOON
69-0480	BEARTRACK
69-0481	FAT
69-0484	LITTLE LOON
69-0487	GUN
69-0489	CARIBOU
69-0490	PIKE
69-0491-01	FISH LK FLOWAGE (MAIN BASIN)
69-0496	EMBARRASS

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0498	TROUT
69-0502	UNNAMED
69-0503	HORSESHOE
69-0504	TWIN
69-0528	LITTLE LONG
69-0532	PIONEER
69-0538	BERG
69-0541	ANNE
69-0542	WILSON
69-0544	DINHAM
69-0545	CAMERON
69-0546	SCHUBERT
69-0553	BASS
69-0562	COE
69-0565	ESQUAGAMA
69-0587	ORINIACK
69-0588	PAULINE
69-0590	MAUDE
69-0591	PICKET
69-0598	UNNAMED (ASTRID)
69-0604	DOVRE
69-0615	ECHO
69-0616	CRANE
69-0617	SAND POINT
69-0637	CENTRAL
69-0642	ELLIOT
69-0644	FIG
69-0646	MURPHY
69-0651	ST. MARY'S
69-0653	LONG
69-0654	HORSESHOE
69-0682	LITTLE TROUT
69-0684	MUKOODA
69-0685	O'LEARY
69-0690	WINCHESTER
69-0694	RAINY
69-0700	MAPLE LEAF
69-0717	ELBOW
69-0725	MASHKENODE
69-0731	AUTO
69-0744	ELBOW
69-0748	KJOSTAD
69-0749	MYRTLE
69-0754	FRANKLIN

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Minnesota Pollution Control Agency

Station ID	Station Name
69-0755	MARION
69-0756	TOOTH
69-0760	LITTLE JOHNSON
69-0761	SPRING
69-0764	SUNSET
69-0765	LONG
69-0775	McQUADE
69-0802	HOODOO
69-0806	MOOSE
69-0819	GANNON
69-0831	WEIR
69-0832	CRUISER
69-0833	PEARY
69-0840	SIX MILE
69-0841	PELICAN
69-0842	BLACKDUCK
69-0843	EK (LEIF)
69-0845	KABETOGAMA
69-0848	PRAIRIE
69-0857-02	LONGYEAR (N. BAY)
69-0858	DEEPWATER
69-0864	ASH
69-0870	SHOEPACK (BOOTJACK)
69-0872	LOITEN
69-0910	SHOE PACK
69-0916	DOLLAR
69-0920	STUART
69-0921	WAYMIER
69-0923	HOBSON
69-0924	ELK
69-0925	SHANNON
69-0933	SIDE
69-0936	LOCATOR
69-0939-01	STURGEON (MAIN BASIN)
69-1292	MESABI MT. PIT
69-1294	CANTON PIT
69-1297	SHERMAN PIT
69-1298	SOUTH TWIN CITY PIT
69-1300	FRASER PIT
70-0026	LOWER PRIOR
70-0054	SPRING
70-0072	UPPER PRIOR
70-0091	CEDAR
71-0013-01	UPPER ORONO

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Minnesota Pollution Control Agency

Station ID	Station Name
71-0013-02	LOWER ORONO
71-0040	SANDY
71-0055	ELK
71-0057	BIRCH
71-0067	EAGLE
71-0069	ANN
71-0081	MITCHELL
71-0082	BIG
71-0141	ELK (BIG ELK)
71-0145	JULIA
71-0146	BRIGGS
71-0147	RUSH
71-0158	PICKEREL
71-0159	LONG
72-0013	SILVER
72-0017	WASHINGTON
72-0049	SCHILLING
72-0050-01	HIGH ISLAND (MAIN BASIN)
73-0012	FULLER
73-0014	MARIE
73-0023	BEAVER
73-0035	SCHOOL SECTION
73-0037	PEARL
73-0038	CARNELIAN
73-0051	PLEASANT
73-0055	GRAND
73-0070	WATAB
73-0072	ROSSIER
73-0076	GOODNERS
73-0083	GREAT NORTHERN
73-0086	KNAUS
73-0087	KRAYS
73-0088	BOLFING
73-0089	ZUMWALDE
73-0092	SAGATAGAN
73-0097	KREIGHLE
73-0102	BIG WATAB
73-0106	BIG FISH
73-0107	LONG
73-0117	BIG SPUNK
73-0118	PELICAN
73-0123	LOWER SPUNK
73-0128	MIDDLE SPUNK
73-0133-01	CEDAR ISLAND (MAIN BAY)

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Minnesota Pollution Control Agency

Station ID	Station Name
73-0133-02	CEDAR ISLAND (MUD LK)
73-0133-03	CEDAR ISLAND (KOETTER LK)
73-0133-04	CEDAR ISLAND (EAST LK)
73-0138	TWO RIVERS
73-0139	LONG
73-0147	NORTH BROWN'S
73-0150	EDEN
73-0151	MUD (VAILS)
73-0156	BECKER
73-0157	HORSESHOE
73-0159	BIG
73-0196	RICE
73-0199	SAND
73-0200-02	KORONIS (MAIN BASIN)
73-0233	KINGS
73-0251-01	MELROSE (SE BASIN)
73-0273	McCORMIC
74-0001	RICE
74-0023	BEAVER
75-0019	PAGE
75-0024	LONG
75-0075	PERKINS
75-0200	HATTIE
75-0267	UNNAMED (PETERSON SLU)
75-0268	UNNAMED (LUNDBERG)
76-0086	HASSEL
76-0146-01	OLIVER (EAST PORTION)
77-0007	MOUND
77-0009	TRACE
77-0010	BASS
77-0014	STUMP
77-0019	MARY
77-0022	MONS
77-0023	BIG SWAN
77-0024	BASS
77-0026	MOOSE
77-0027	LONG
77-0032	LADY
77-0034	LITTLE SWAN
77-0035	BEAUTY
77-0084-01	BIG BIRCH (NORTH)
77-0084-02	BIG BIRCH (SOUTH)
77-0089	LITTLE BIRCH
77-0149-01	LONG (MAIN BASIN)

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Minnesota Pollution Control Agency

Station ID	Station Name
77-0150-01	SAUK (SW BAY)
77-0150-02	SAUK (NORTH BAY)
77-0154	FAIRY
77-0181	MAPLE
77-0215	OSAKIS
78-0025	TRAVERSE
80-0004	LOVEJOY
80-0011	SAND
80-0030	LOWER TWIN
80-0037	STOCKING
80-0039	SPIRIT
81-0003	ST. OLAF
81-0014-01	CLEAR
81-0055	REEDS
81-0095-01	ELYSIAN (UPPER - U/S DAM)
82-0001	ST. CROIX
82-0014	LITTLE CARNELIAN
82-0023	LILY
82-0031	TERRAPIN
82-0033	MAYS
82-0045	CLEAR
82-0046	SQUARE
82-0049	BIG CARNELIAN
82-0052-04	BIG MARINE (MAIN LAKE)
82-0054	BONE
82-0059	GOOSE
82-0080	HALFBREED
82-0101	DEMONTREVILLE
82-0103	OLSON
82-0104	JANE
82-0106	ELMO
82-0115	TANNERS
82-0122	PINE TREE
82-0134-01	LOST (NW BAY)
82-0140	ONEKA
82-0153	SUNSET
82-0159	FOREST
82-0162	SHIELDS
82-0163	CLEAR
82-0166	CARVER
82-0167	WHITE BEAR
82-0168	MUD
82-0474	UNNAMED
83-0036	KANSAS

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Minnesota Pollution Control Agency

Station ID	Station Name
83-0040	LONG
83-0043	ST. JAMES
85-0011-01	WINONA (SOUTH BAY)
85-0011-02	WINONA (NORTH BAY)
86-0009	MARTHA
86-0011	CHARLOTTE
86-0023	BEEBE
86-0025	SCHOOL
86-0026	MUD
86-0041	DEAN
86-0051	CONSTANCE
86-0053-02	PULASKI (MAIN)
86-0069	LONG
86-0089	TAMARACK
86-0090	BUFFALO
86-0097	CARRIGAN
86-0106	LITTLE WAVERLY
86-0114	WAVERLY
86-0120	RAMSEY
86-0134-01	UPPER MAPLE
86-0146	IDA
86-0148	EAGLE
86-0156	MARY
86-0163	LIMESTONE
86-0168	LOCKE
86-0178	DOG
86-0182	ROCK
86-0183	FISH
86-0184	DUTCH
86-0188	EMMA
86-0190	ANN
86-0193	MARY
86-0199	HOWARD
86-0208	SWARTOUT
86-0212	ALBION
86-0213	HENSHAW
86-0217	GRANITE
86-0223	INDIAN
86-0227	CEDAR
86-0229	MINK
86-0230	SOMERS
86-0233	SUGAR
86-0234	BASS
86-0242	WIEGAND

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
86-0243	GRASS
86-0251	PLEASANT
86-0252-01	CLEARWATER (EAST)
86-0252-02	CLEARWATER (WEST)
86-0263	COKATO
86-0273	FRENCH
86-0279	WEST SYLVIA
86-0281	CAROLINE
86-0282	LOUISA
86-0284	AUGUSTA
86-0288	JOHN
86-0289	EAST SYLVIA
86-0293	COLLINWOOD
86-0297	SCOTT
86-0298	UNION
87-0016	CURTIS (HOUSTON)
87-0030	WOOD
87-0180	DEL CLARK (CANBY)

Project LEGLAM Lambert Creek CWP
Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose CWP
Continued as "LAMBERT."

Assigned Stations

Station ID	Station Name
S002-773	LAMBERT CK AT CR F, .5 MI NE OF VADNAIS HGHTS
S002-774	LAMBERT CK AT KOHLER RD IN VADNAIS HEIGHTS
S002-775	LAMBERT CK AT OAKMEDE LANE IN WHITE BEAR LAKE
S002-776	LAMBERT CK AT S END CLOVER ST, VADNAIS HEIGHTS
S002-777	LAMBERT CK AT WHITAKER ST, WHITE BEAR LAKE
S002-778	LAMBERT CR AT OTTER LAKE RD, WHITE BEAR LAKE
S002-788	STM SWR (DILLON DT) AT END PARK ST, WHT BEAR LK
S002-794	UNN LAMBERT CK TRIB,E SOBOTA SLOUGH OUTLT,WHTBEA
S002-795	UNN LAMBRT CK TRIB,W SOBOTA SLOUGH OUTLT,WHT BEA
S002-796	UNN OUTLET NW SHORE GOOSE L AT CR 95, WHT BEAR L

Project LEGLL Long Lake CWP
Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose CWP

Assigned Stations

Station ID	Station Name
S002-854	UNN STR (LONG L INL) AT 6TH AV N, 1 MI NE OF LONG LK
S002-871	UNN STR (LONG L INL) AT UPST SIDE DEER HILL RD.

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S002-872	UNN STR (LONG L INLET) UPST SIDE OF BROWNS RD N
S002-873	WOLSFELD LK OUTL AT UPST SIDE UNN RD, 1.3 MI N OF LONG LK
S002-928	LONG L CK (LONG L OUTLET) UPST SIDE OF SH 12, E OF LONG LK

Project LEGLLL Long Lake Chain of Lakes Water Quality Monitoring Program

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose LAKE WATERSHED STUDY

Assigned Stations

Station ID	Station Name
S002-559	FERRAL LAKE INLET CULVERT AT E2 E OF 35W
S002-563	JOSEPHINE WETLANDS DIVERSION STORMSEWER
S002-564	JOSEPHINE WETLANDS OUTLET E OF LEXINGTON AVE
S002-566	LITTLE JOHANNA OUTLET,CULVERT UNDER SHOREWOOD DR
S002-568	OASIS POND OUTLET JUST W OF LINCOLN DR IN ROSEVILLE
S002-576	RAMSEY CO DITCH 2 S OF I 694 IN NEW BRIGHTON
S002-577	RAMSEY CO DITCH 4 W OF MN TRANSFER TRACKS, N.B.
S002-748	CNTY DITCH 12 W OF SNELLING AVE CULVERT
S002-749	COUNTY DITCH 4 SOUTH OF CNTY RD C
S002-750	CULVERT UNDER CO RD E2 E OF I35W, ARDEN HILLS
S002-751	CULVERT UNDER SNELLING AVE S OF CTY RD E
S002-753	RICE CREEK AT POPPYSEED DR IN NEW BRIGHTON
S002-768	VALENTINE L. OUTLET BY CNTY RD E2 IN ARDEN HILLS
S003-040	RICE CK AT LONG LK OUTLET AT LONG LAKE RD IN NEW BRIGHTON
S003-045	RAMSEY CO DT 2 AT PIKE LK OUTLET AT LONG LK RD NEW BRIGHTON
S003-046	JOHANNA LK OUTLET AT LAKE JOHANNA BLVD IN ARDEN HILLS
S003-048	VALENTINE LK OUTLET AT CR-E2 W OF OLD HWY 10 IN ARDEN HILLS
S003-050	RICE CK INLET TO LONG LK AT MISSISSIPPI ST IN NEW BRIGHTON
S003-063	JOHANNA CREEK AT LK VALENTINE RD (CR12) IN ARDEN HILLS

Project LEGMHB Mississippi Headwaters Riverwatch Program

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose STREAM CONDITION

Participants include: Bagley School District, Brainerd School District, Greenway-Coleraine High School, Grand Rapids School District, Neilson-Spearhead Center, Remer School District

Assigned Stations

Station ID	Station Name
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY

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MNPCA1 **Minnesota Pollution Control Agency**

Station ID	Station Name
S000-572	MISSISSIPPI RIVER 2 MI NE OF BRAINERD
S001-892	MISSISSIPPI R CSAH117 CULV N END OF ITASCA ST PK
S001-893	MISSISSIPPI R CSAH-37 5.5MI NW OF L ITASCA TOWN
S001-895	MISSISSIPPI R COFFEE POT LNDG BR 6MI SE OF ALIDA
S001-897	MISSISSIPPI R AT CSAH 11, 1 MI SW OF BEMIDJI
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-034	MISSISSIPPI R AT OTTERTAIL DAM ON CSAH-12, 4 MI E OF BEMIDJI
S002-283	MISSISSIPPI R AT FOREST ROUTE 2171, 9 MI NE OF CASS LAKE
S002-603	MISSISSIPPI R AT CSAH39, 0.2MI DNST OF CASS LAKE
S002-604	MISS R AT CSAH19, LAKE BEMIDJI OUTLET, 2 MI NE OF BEMIDJI
S002-618	MISSISSIPPI R AT YELLOWHEAD BR 3.2 MI S BEMIDJI
S002-619	MISSISSIPPI R WANAGAN LDG, 2.4MI NW L ITASCA TOW
S002-634	MISSISSIPPI R AT CSAH-63 0.7 MI W OF GRAND RAPID
S002-635	MISSISSIPPI R USH169 BRIDGE IN GRAND RAPIDS
S002-636	MISS R 1 MI SE OF GRAND RAPIDS, FROM FIRE#F-360
S002-637	MISS R 1000' US OF SH232 BRIDGE IN PALISADE
S002-638	MISS R 0.2 MI SO OF PALISADE, 1500' DS RR BRIDGE
S002-639	MISS R 1 MI DS OF RR BRIDGE, 1 MI SO OF PALISADE
S002-640	MISSISSIPPI R AT COLLEGE DR IN BRAINERD
S002-641	MISS R 1000' US OF LITTLE ELK R, N LITTLE FALLS
S002-642	MISS R AT RR BRIDGE 0.4MI DS OF LITTLE FALLS DAM
S002-643	MISS R 1000' N OF SHAYS IS, S OF LITTLE FALLS
S002-644	LITTLE ELK R AT CR 213 N OF LITTLE FALLS
S002-645	PIKE CK AT CSAH 52 AT MISS R S OF LITTLE FALLS
S002-646	SWAN R AT CR 224 AT MISS R S OF LITTLE FALLS

Project LEGMIN Jennings Bay, Lake Minnetonka Intensive Survey

Start Date 01/01/1967 **Planned Duration** LegacyMigration

Purpose LAKE WATERSHED STUDY

Assigned Stations

Station ID	Station Name
S002-557	DUTCH LAKE OUTLET AT CSAH-110 IN MOUND
S002-570	PAINTER CK AT CSAH-6 .2 MI W OF CSAH-110
S002-571	PAINTER CK AT W BRANCH RD IN MINNETRISTA
S002-572	PAINTER CREEK AT CR-26 IN MINNETRISTA
S002-573	PAINTER CREEK AT CSAH-110 IN T117N R24W S11 NEQ
S002-574	PAINTER CREEK AT CSAH-6 IN NWNW SEC. 31
S002-575	PAINTER CREEK AT USH-12 IN ORONO
S002-756	UNNAMED CR. ON INGERSON RD, 2.5 MI SW OF MAPLE PLAIN
S002-757	UNNAMED CREEK AT TOWN LINE RD BELOW MAPLE PLAIN STP
S002-767	UNNAMED CREEK AT CSAH-110, 2 MI S OF MAPLE PLAIN
S002-918	THIES LAKE OUTLET AT CR-201 IN MEDINA

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MNPCA1 Minnesota Pollution Control Agency

Project LEGMLCHP Mille Lacs Environmental Program, Mille Lacs Band of Ojibwe

Start Date 01/01/1967 **Planned Duration** Ongoing

Purpose Condition. Includes Clean Lakes Project (CLP) data 1990-1992.

Assigned Stations

Station ID	Station Name
48-0002	MILLE LACS
58-0190	UNNAMED (BENJAMIN)
S001-195	UNN STREAM AT INLET TO BENJAMIN LAKE, PINE CO.
S001-196	UNN STR AT OUTLET BENJAMIN L, 9 MI SW MARKVILLE
S001-283	MALONE CR (THAINS CR) AT ISLE PUB. ACC. ON SH-47
S001-285	CEDAR CK (LITTLE R), BRIDGE ON SH-47 NORTH OF ISLE
S001-288	UNNAMED TRIB AT CULVERT ON SH-27 BY WAHKON
S001-291	WHITEFISH CREEK, BRIDGE ON US-169
S001-292	GARRISON CK AT US-169, 1 MI NE OF GARRISON
S001-293	REDDICK CREEK ON SH-18 BY WEALTHWOOD
S001-294	REDDY CK (MARMON CK) ON SH-18 N. OF MALMO
S001-298	SEQUCHIE CK AT US-169, 2.5 S OF GARRISON
S001-579	MORMON CK AT MN-18 BRG, 1 MI NW OF MALMO
S002-874	UNNAMED STR 1.7 MI E OF WEALTHWOOD ON MN-HWY 18
S002-875	UNNAMED STR 1.8 MI W OF WAHKON ON MN-HWY 27

Project LEGMTN Mountain Lake CWP

Start Date 01/01/1990 **Planned Duration** Through 1993

Purpose CWP

Assigned Stations

Station ID	Station Name
S001-216	UNN INLET TO MTN LK AT ROAD ON E LN SEC. 25
S002-889	UNN INLET MOUNTAIN L, 0.5 MI W OF MOUNTAIN LAKE
S002-890	UNN MTN L INL AT RD CULVRT ON E LN SEC 36, 2.5 MI W OF MT LK
S002-891	UNN MTN L INL IN SEC 30 0.7 MI DS ML-S4 SITE, 2 MI W OF MT L
S002-892	UNN MTN L INL IN SEC 31, 1 MI W OF MOUNTAIN LAKE
S002-893	UNN MTN L INLET SEC 30 1.5 MI W OF MTN LK TOWN
S002-894	UNN MOUNTAIN L OUTLET AT CSAH9 DAM, N OF MOUNTAIN LK

Project LEGNDST North Dakota State Dept. of Health Monitoring Program

Start Date 01/01/1967 **Planned Duration** Ongoing

Purpose Red River Condition

Assigned Stations

Station ID	Station Name
48-0002	MILLE LACS

Project LEGNIF Knife Lake Improvement District Study

01/01/1967

LegacyMigration

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MNPCA1 Minnesota Pollution Control Agency

Start Date
Purpose LAKE WATERSHED STUDY **Planned Duration**

Assigned Stations

Station ID	Station Name
S002-592	KNIFE R AT BR GRAVEL RD S OF CSAH15/CSAH3, 7 MI SW OF WARMAN
S002-675	KNIFE R AT CSAH8 6 MILES NORTH OF MORA
S002-676	KNIFE R AT SH-47, 7 MILES SOUTH OF ISLE
S002-677	KNIFE R, 1 MI DNST OLD LAKE DAM, 8 MI NW OF MORA, MN
S002-678	UNN STR TRIB TO KNIFE R AT CSAH-15, 6 MI W OF WARMAN
S002-679	UNN TRIB TO KNIFE L AT GRAVEL RD 5 MI S OF WARMAN, MN

Project LEGOSA Lake Osakis CLP

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose CLP

This project was continued through CWP funding and is henceforth in STORET as "CWPOSAKI."

Assigned Stations

Station ID	Station Name
S000-370	SAUK RIVER BY CR-168 NEAR MELROSE
S000-515	SAUK RIVER AT CSAH-49 NEAR COLD SPRING
S000-516	SAUK RIVER AT SH-23 BRIDGE NEAR RICHMOND
S002-647	CROOKED LK DT CSAH-10 INL LK OSAKIS 5 MI N OSAKIS
S002-648	BOSS CR AT UNN RD S34 T129N R35W NE OF OSAKIS
S002-649	SAUK R AT CSAH 37 E SIDE LK OSAKIS NE OF OSAKIS
S002-650	LONG PRAIRIE R INLET TO L OSAKIS AT CSAH 10
S002-651	SAUK R AT CO RD 185, 1 MILE WEST OF MELROSE
S002-652	LK OSAKIS INLET FR LITTLE L OSAKIS AT CSAH-10
S002-653	FAILLE LK OUTLET TO LK OSAKIS AT SH-27 NR OSAKIS

Project LEGPOK Pokegama Lake Watershed CWP

Start Date 01/01/1995 **Planned Duration** Through 1998
Purpose CWP

Assigned Stations

Station ID	Station Name
58-0142	POKEGAMA
S002-542	POKEGAMA CK AT CSAH 14, 3.6 MI W OF BEROUN, MN
S002-579	EAST POKEGAMA CK AT CR-131 5.5 MI SW OF HINCKLEY
S002-580	E POKEGAMA CK AT TOWNSHIP RD 162, 6.5 MI SW OF HINCKLEY, MN
S002-581	PAUL BUNYAN CANAL AT CSAH-7 AT TOWN OF POKEGAMA
S002-582	POKEGAMA CK AT CSAH-11 NR POKEGAMA LK 4.75 MI NW OF PINE CTY
S002-583	POKEGAMA CK AT CSAH-13 0.5 MI NW OF BROOK PARK
S002-584	POKEGAMA CK AT CR-130, 7 MI NW OF PINE CITY, MN

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Station ID	Station Name
S002-585	POKEGAMA CK AT CSAH-53 POKEGAMA LK OUTLT, 3.5 MI W PINE CITY
S002-587	SNAKE RIVER AT CSAH-7 3.5 MI WEST OF PINE CITY
S002-588	UNNAMED STREAM AT CSAH-13 6 MI NW OF PINE CITY
S002-589	UNNAMED STREAM AT TWP RD 57 7 MI NW OF PINE CITY
S002-590	UNNAMED STR TO JARVIS BAY AT CSAH-13, 4.5 MI W OF PINE CITY
S002-591	UNN STR TO JARVIS BAY AT TWNSHP RD 22, 4.4 MI W OF PINE CITY

Project LEGPRI Prior Lake-Spring Lake CWP

Start Date 01/01/1994 **Planned Duration** Through 1997

Purpose CWP Phase I project that became a 319 for implementation. Associated with " " in new STORET.

Assigned Stations

Station ID	Station Name
S001-392	UNN TRIB TO PRIOR LK AT CSAH-12 IN SW PRIOR LAKE
S002-896	UNN STREAM AT MN-13 IN SEC 8, SE OF SPRING LAKE
S002-897	UNN STREAM AT MN-13 IN SEC 9, SE OF SPRING LAKE
S002-898	UNN STREAM TO UPPER PRIOR LK AT GREEN HGHTS RD,

Project LEGRCW Rice Creek WD Background Water Quality Monitoring Program

Start Date 01/01/1975 **Planned Duration** Ongoing

Purpose DOCUMENT BACKGROUND WQ CONDITIONS IN THE RICE CREEK WATERSHED DISTRICT

Assigned Stations

Station ID	Station Name
S000-123	RICE CREEK S.W. OF FOREST LAKE
S002-560	GOLDEN LAKE OUTLET AT END OF GOLDEN LAKE RD EAST
S002-561	JONES LAKE AT CO. DITCH #3 INLET
S002-562	JONES LAKE AT CO. DITCH #5 INLET
S002-747	CLEARWATER CREEK AT CO RD 21 AT CENTERVILLE
S002-802	OUTLET OF CO. DITCH 53-62 AT GOLDEN LAKE
S002-804	RAMSEY CO. DITCH 1 AT HAMLINE AVE, SHOREVIEW
S002-810	RICE CK AT BRG IN CITY PARK, W OF E RIVER RD IN FRIDLEY
S003-028	RAMSEY CO DT 2 JONES LK OUTLET E OF CR-77 IN NEW BRIGHTON
S003-032	HARDWOOD CK AT 20TH AVE (CR-21) IN LINO LAKES
S003-035	RONDEAU LK OUTLET AT E RONDEAU LAKE RD IN LINO LAKES
S003-037	DWNST OF PELTIER LK DAM AT MAIN ST NW OF CENTERVILLE
S003-043	ANOKA CO DT 32 AT MARSHAN LK UNDER I-35W IN LINO LAKES
S003-047	HARDWOOD CK AT HARROW AVE IN FOREST LK TWP
S003-049	RICE CK 150 METERS W OF CENTRAL AVE (HWY 65) IN FRIDLEY
S003-054	CLEARWATER CK AT BALD EAGLE LK OUTLET AT ETHAN RD IN HUGO

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Station ID	Station Name
S003-055	ANOKA CO DT 4 AT CR-21 IN COLUMBUS TWP
S003-057	ROUND LK OUTLET AT OLD HWY 10 IN ARDEN HILLS
S003-058	RICE CK AT CR-I IN SHOREVIEW
S003-059	RICE CK AT LEXINGTON AVE IN SHOREVIEW
S003-060	RICE LK OUTLET AT HODGSON RD (CR-49) IN LINO LAKES

Project LEGRLCHP Red Lake Chippewa Dept of Natural Resources Water Monitoring

Start Date 05/01/1990 **Planned Duration** 12-15-1992

Purpose Red Lake Band of Chippewa Department of Natural Resources Water Monitoring. Legacy agency code 51RLCHIP.

Assigned Stations

Station ID	Station Name
04-0035-01	RED (UPPER RED)
04-0035-02	RED (LOWER RED)
04-0181	KINNEY
04-0193	GREEN
04-0194	SMITH
04-0200	UNNAMED
04-0251	FOX
04-0252	UNNAMED
04-0256	DICKENS
04-0269	SHEMAHGUN
04-0270	EMERALD
04-0271	HEART
04-0277	GREEN
04-0284	BURT
04-0312	SANDY
04-0315	KESAGIAGAN
04-0318	SHELL
04-0319	ALASKA
04-0320	DUNBAR
04-0336	JOHNSON
15-0045	MORRISON
S002-123	RED LAKE R AT LOWER RED LAKE OUTLET DAM
S002-968	BATTLE R (SO BR) AT INDIAN SERVICES 19/HWY 18 10 MI NE REDBY
S003-949	SANDY R AT I.S.#6, 3/4 MI UPST FROM MN-1, 11 MI W RED LAKE
S003-950	BIG ROCK CK AT MN-1, 300' UPST LOWER RED LK, 9 MI W RED LAKE
S003-951	SANDY R AT MN-1, 10 MILES W OF RED LAKE
S003-952	S BR BATTLE R AT CSAH-23, 1/4 MILE N OF SAUM
S003-953	SHOTLEY BK 100 FT UPST MOUTH UPPER RED LK, 7 MI SW WASHKISH
S003-954	TAMARAC R UPST OF MN-72 AT WASHKISH
S003-955	MAHNOMIN CK 1/4 MI UPST MOUTH UPPER RED LK, 18 MI N RED

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Station ID	Station Name
	LAKE
S003-956	PIKE CK AT I.S.#12, 2 MI SE OF RED LAKE
S003-958	L ROCK CK AT MN-1, 100 FT UPST LWR RED LAKE, 4 MI W RED LAKE
S003-959	CLEARWATER R AT KIWOSAY INLET DITCH RD, 8 MI NE GONVICK
S003-960	CLEARWATER R AT KIWOSAY WILD AREA ACCESS RD, 10 MI N GONVICK
S003-961	NO CORMORANT R AT CSAH-23, 3 MI S OF SAUM
S003-962	N BR BATTLE R AT CR-106 CULVERT, 1.75 MI N OF SAUM
S003-963	BLACKDUCK R AT PONEMAH RD (RES HWY 18), 7 MILES E REDBY
S003-964	MUD R 100 FT UPST LOWER RED LAKE AT REDBY

Project LEGRWL Lake Redwood CWP

Start Date 01/01/1989 **Planned Duration** Through 1993
Purpose CWP

Assigned Stations

Station ID	Station Name
64-0058	REDWOOD
S001-203	REDWOOD R AT TWP RD NR CR67 .5 MI NE OF MARSHALL
S001-679	REDWOOD R AT CSAH-17, 3 MILES SW OF REDWOOD FALLS
S002-310	REDWOOD R AT DAM BELOW REDWOOD LK AT REDWOOD FALLS
S002-311	CLEAR CK CR-56, 1/3 MI UPST CONFLU REDWD R, NE EDGE SEAFORTH
S002-312	THREE MILE CK AT CSAH-8, 3 MI SE OF GREEN VALLEY
S002-313	THREE MILE CK AT CR-67, 1 MI NO OF GREEN VALLEY
S002-314	COON CK AT CR-66, SO LINE SEC 14, 1.5 MI NW OF RUSSELL
S002-315	JD # 12 (TYLER CREEK) AT MN-23, 1 MI N OF FLORENCE

Project LEGSAU Sauk River Headwaters CWP

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose CWP

Assigned Stations

Station ID	Station Name
S000-552	SAUK R. AT CSAH-2 BRIDGE, INLET TO SAUK LAKE
S002-654	HOBOKEN CK AT WILLOW ST. (HICKMAN DR) IN SAUK CENTRE
S002-655	SAUK R. AT US HWY 71 AT SAUK LK OUTLET, SAUK CEN
S002-656	ASHLEY CK AT UNNAMED RD ON E LN S32, SAUK CENTRE

Project LEGSTR MPCA Stream Monitoring Program Project

Start Date 01/01/1967 **Planned Duration** LegacyMigration
Purpose This is an inclusive ¿project¿ created to migrate data to modernized STORET from the

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Purpose 21MINN Agency Code in Legacy STORET where project information was not stored on the sample or result level. Specific purposes for Legacy STORET data collection may be available in the station descriptions.

Assigned Stations

Station ID	Station Name
16-0001-N001	SUPERIOR
16-0001-N002	SUPERIOR
16-0001-N003	SUPERIOR
16-0001-N004	SUPERIOR
82-0001	ST. CROIX
S000-001	CEDAR RIVER 1.5 MI S OF AUSTIN
S000-002	ALBERT LEA LAKE AT ALBERT LEA
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-004	CROW RIVER AT BRIDGE ON CSAH-36 AT DAYTON
S000-005	MINNESOTA R.CSAH-25 BY SHAKOPEE
S000-006	OTTER TAIL R BRIDGE ON 4TH ST N AT BRECKENRIDGE
S000-007	RAINY R INTERNATIONAL BR AT INTERNATIONAL FALLS
S000-008	RED RIVER AT GRAND FORKS
S000-009	RED RIVER AT ALMONTE AVE S IN GRAND FORKS, ND
S000-010	RED RIVER ON BROADWAY ST. FARGO
S000-011	RED RIVER W.W. INTAKE AT FARGO
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-013	RED LAKE R DNST OF MN-220 BR IN EAST GRAND FORKS
S000-014	ROCK RIVER 2 MI S E OF LUVERNE
S000-015	ROCK R. OLD USH-16 AT LUVERNE
S000-016	RUM RIVER AT BRIDGE ON PLEASANT STREET IN ANOKA
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-019	ST. CROIX R DNSTRM OF MN-212 BR IN STILLWATER
S000-020	ST CROIX R. AT TAYLORS FALLS
S000-021	ST LOUIS RIVER AT BRIDGE ON MN-23 AT FOND DU LAC
S000-022	ST. LOUIS RIVER BANK SAMPLE AT MN-33 AT CLOQUET
S000-023	ST. LOUIS R BRIDGE ON US-2, 2 MI SE OF BROOKSTON
S000-024	MISSISSIPPI R MPLS WATERWORKS INTAKE AT FRIDLEY
S000-025	MISSISSIPPI RIVER AT US-169 BRIDGE AT ANOKA
S000-026	MISSISSIPPI R AT 9TH AVE BRG (OLD MN-15) AT SAUK RAPIDS
S000-027	DES MOINES R.-W FORK AT JACKSON
S000-028	DES MOINES R.-W. FK. AT JACKSON
S000-029	RAINY R 200 FT S OF I'FALLS GOLF CLUB HOUSE
S000-030	S FK CROW RIVER SH-25 AT WATERTOWN
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-032	ZUMBRO RIVER - MIDDLE BRANCH
S000-033	ZUMBRO R.- NORTH BR. BY ZUMBROTA
S000-034	ZUMBRO R.- S. BR. BY ROCHESTER
S000-035	BLUE EARTH RIVER N OF WINNEBAGO
S000-036	BLUE EARTH RIVER N OF BLUE EARTH
S000-037	CANNON RIVER NE OF NORTHFIELD

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Station ID	Station Name
S000-038	CANNON R. CSAH-29 BY FARIBAULT
S000-039	MINNESOTA R. CSAH-9 N OF JORDAN
S000-040	MINNESOTA RIVER AT MN-19 BRIDGE AT HENDERSON
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-042	RED LAKE RIVER W. OF GENTILLY
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-044	RUM RIVER SH-47 AT WEST POINT
S000-045	RUM RIVER CSAH-4 E. OF PEASE
S000-046	ST LOUIS R. OLD USH-61 AT SCANLON
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-048	DES MOINES R.-W FK. S OF JACKSON
S000-049	DES MOINES R.-W FK. NW OF JACKSON
S000-050	S FK CROW RIVER SH-55 AT ROCKFORD
S000-051	S FK CROW R. SH-22 1 MI NW OF BISCAY
S000-052	MISSISSIPPI R. SH-101 ELK RIVER
S000-053	COTTONWOOD R. CSAH-13 BY NEW ULM
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-056	ST. CROIX R AT MN-48 BR, 3.5 MI W OF DANBURY, WI
S000-057	ST CROIX R. SH-243 AT OSCEOLA,WI
S000-058	BIG STONE LAKE OUTLET-ORTONVILLE
S000-059	CEDAR RIVER 2.5 MI. W. OF LYLE
S000-060	CEDAR R. CSAH-1 W OF WALTHAM
S000-061	RUM RIVER USH-169 BRIDGE
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-063	RAINY RIVER AT INTERNATIONAL BRIDGE AT BAUDETTE
S000-064	RED LAKE R. AT RED LAKE OUTLET
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-066	RUM RIVER CSAH-24, ST. FRANCIS
S000-067	MISSISSIPPI R UNDER US-14 BRIDGE AT LA CROSSE
S000-068	MISSISSIPPI RIVER AT LOCK AND DAM #2 AT HASTINGS
S000-069	WINTER ROAD RIVER MN-11 BRIDG 4 MI W OF BAUDETTE
S000-070	GERVAIS-KELLER LAKE AT MAPLEWOOD
S000-071	LAKE SHETEK N OF CURRIE
S000-072	O'BRIEN BROOK CSAH-12 PENGILLY
S000-073	BASSETT CREEK MINNEAPOLIS
S000-074	RED RIVER AT BRIDGE ON MN-1 AT OSLO
S000-075	RICE CREEK E. RIVER RD,FRIDLEY
S000-076	SHINGLE CREEK LYNDAL AV N,MPLS
S000-077	BASSETT CR 6TH AVE N BR GOLDEN V
S000-078	MINNEHAHA CR BR XERXES AVE S
S000-079	MINNEHAHA CREEK AT MOUTH
S000-080	MINNEHAHA CR AT L NOKOMIS INLET
S000-081	SHINGLE CR USH-100 BROOKLYN CENT

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Station ID	Station Name
S000-082	COON CREEK 93 AVE NE-COON RAPIDS
S000-083	DEER CREEK-ST LINE AT DEER CREEK
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONSVILLE
S000-085	OTTER CREEK 0.5 MI E OF LYLE
S000-086	MINNESOTA R AT MN-77 BRG IN BLOOMINGTON
S000-087	MINNESOTA R AT MN-101 BRG IN SHAKOPEE
S000-088	NINE MILE CREEK IN BLOOMINGTON
S000-089	BOIS DE SIOUX R. AT BRECKENRIDGE
S000-090	RED R.USH-75 BY EMERSON,MANITOBA
S000-091	RED RIVER AT BRIDGE ON MN-11, WEST OF ROBBIN
S000-092	RED RIVER BRIDGE ON MN-200, 0.5 MI W OF HALSTAD
S000-093	BOIS DE SIOUX R. BY WHEATON
S000-094	MISSISSIPPI R. @ LOCK & DAM #8 RENO,MN/GENOA,WI
S000-095	MISSISSIPPI R LOCK & DAM #6 AT TREMPPEALEAU, WIS
S000-096	MISSISSIPPI R. BY WINONA
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUVERNE
S000-098	MUD CREEK-W. BRANCH S OF HILLS
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-100	LITTLE SIOUX R-W FK 12 MI S OF LAKEFIELD
S000-101	RED RIVER CSAH-3 W. OF SHELLY
S000-102	CANNON R. USH-61 W OF RED WING
S000-103	RAINY RIVER 4 MI E OF PELLAND
S000-104	CANNON R. NEAR CANNON FALLS DUMP
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-106	CRANE LAKE OUTLET-ST. LOUIS CO.
S000-107	KAWISHIWI R. GARDEN LAKE OUTLET
S000-108	KAWISHIWI RIVER BR ON MN-1 AT DAM 8 MI SE OF ELY
S000-109	LAKE OF THE WOODS - BOAT SAMPLE
S000-110	NEMADJI R. N FORK BY WRENSHALL
S000-111	OTTER TAIL R BR ON CSAH-15 WEST OF FERGUS FALLS
S000-112	OTTER TAIL R. E OF FERGUS FALLS
S000-113	RED RIVER AT BRIDGE ON CSAH-39, 1 MI W OF PERLEY
S000-114	RED RIVER W.W. INTAKE MOORHEAD
S000-115	ROSEAU RIVER CR-53 AT CARIBOU
S000-116	ROSEAU RIVER AT BRIDGE ON CSAH-2 AT MALUNG
S000-117	SAGANAGA LAKE S. W. OF CLARK IS.
S000-118	SHAGAWA RIVER CSAH-88 NEAR ELY
S000-119	ST LOUIS R BRIDGE AT CSAH-7, 0.5 MI S OF FORBES
S000-120	CROOKED CREEK SH-249 W OF RENO
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-122	RICE CREEK SH-47 AT FRIDLEY
S000-123	RICE CREEK S.W. OF FOREST LAKE
S000-124	RICEFORD CR CSAH-4 AT YUCATAN
S000-125	RUSH CREEK CR-56 BY RUSH CITY

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Station ID	Station Name
S000-127	ST CROIX R. SH-70 E OF PINE CITY
S000-128	SNAKE R. AT MOUTH E OF PINE CITY
S000-129	SUNRISE R. CSAH-9 AT SUNRISE
S000-130	SUNRISE RIVER CSAH-19 AT STACY
S000-131	MISSISSIPPI RIVER AT BRIDGE ON MN-60 AT WABASHA
S000-132	MISSISSIPPI R LOCK & DAM #3, 5 MI NW OF RED WING
S000-133	MISSISSIPPI R. S OF ST. PAUL
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-135	BLUE EARTH RIVER AT CSAH-4, 4 MI S OF BLUE EARTH
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-137	CEDAR RIVER AT CSAH-2, 0.5 MILES EAST OF LANSING
S000-138	CENTER CREEK BRIDGE ON MN-15, 0.5 MI N FAIRMONT
S000-139	COTTONWOOD R AT MN-15, 0.5 MI SE OF NEW ULM
S000-140	BLUE EARTH R-E FK, N OF BRICELYN
S000-141	EAST FORK DES MOINES R AT MN-263, 2 MI NE CEYLON
S000-142	FOUNTAIN L-USH-46 AT ALBERT LEA
S000-143	LAC QUI PARLE R.BY LAC QUI PARLE
S000-144	LAC QUI PARLE R. SH-68 BY CANBY
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-146	MINNESOTA R BRIDGE ON MN-40, 3 MI WEST OF MILAN
S000-147	ROCK RIVER CSAH-7 E OF HARDWICK
S000-148	MISSISSIPPI RIVER AT BR ON MN-24 AT CLEARWATER
S000-149	MISSISSIPPI R. AT ST. CLOUD
S000-150	MISSISSIPPI R CSAH-26 BRIDGE, 3 MI W OF ROYALTON
S000-151	MISSISSIPPI RIVER AT BR ON MN-115 AT CAMP RIPLEY
S000-152	MISSISSIPPI R. N. OF CROSBY
S000-153	MISSISSIPPI RIVER AT JACOBSON
S000-154	MISSISSIPPI R AT MN-6 BRIDGE 8 MI SW OF COHASSET
S000-155	MISSISSIPPI R AT BR ON CSAH-8 7 MI E OF BEMIDJI
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG
S000-157	DES MOINES R.-W FORK S OF DOVRAY
S000-158	YELLOW BANK R. CSAH-7 N OF ROSEN
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-160	YELLOW MEDICINE R.SH68 AT PORTER
S000-161	CENTER CREEK EAST OF HUNTLEY
S000-162	ELM CREEK USH-169 AT CHAMPLIN
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-164	S FK CROW RIVER 3 MI. S. OF DELANO
S000-165	S FK CROW RIVER SH-7 1 MI. N OF MAYER
S000-166	KAWISHIWI RIVER BRIDGE ON MN-1, 9.5 MI SE OF ELY
S000-168	MISSISSIPPI R PIER AT US-61, SOUTH OF LAKE CITY
S000-169	MISSISSIPPI R ABOVE DAM AT BRAINERD
S000-171	BLUE EARTH RIVER BY RAPIDAN DAM
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN

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Station ID	Station Name
S000-174	BUFFALO R. USH-75 AT GEORGETOWN
S000-175	CHIPPEWA RIVER AT BRIDGE ON MN-7 AT MONTEVIDEO
S000-176	CROW WING R. CSAH-1 AT PILLAGER
S000-177	ELK RIVER CSAH-12 AT ELK RIVER
S000-178	UPPER IOWA R. NEAR GRANGER
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-180	LEECH LAKE R.CSAH-8,FEDERAL DAM
S000-181	PINE RIVER CSAH-11,N. OF CROSBY
S000-182	RAINY R AT ACCESS OFF SHOREWOOD DR W OF I'FALLS
S000-183	RED RIVER BR ON MAIN AVE AT 3RD ST., IN MOORHEAD
S000-184	RAPID RIVER AT BRIDGE ON MN-11 AT CLEMENTSON
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-197	SUPERIOR BAY-AERIAL BR AT DULUTH
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S000-216	WILD RICE R. USH-75 N OF HENDRUM
S000-218	MISSISSIPPI R. BY KELLOGG
S000-219	RED RIVER CSAH-22 BY MOORHEAD
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S000-221	MISSISSIPPI RIVER AT BR ON MN-25 AT MONTICELLO
S000-222	CEDAR RIVER ON CSAH-5 4.5 MI NW OF LYLE
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-250	BAPTISM RIVER AT US-61 BRIDG AT TETTEGOUCHE PARK
S000-251	BRULE R UPSTRM OF US-61 AT JUDGE CR MAGNEY PARK
S000-252	BEAVER R SOUTH OF CSAH-3 1.5 MI NW OF BEAVER BAY
S000-253	CASCADE RIVER AT US-61 BRIDGE SW OF GRAND MARAIS
S000-254	CROSS R. USH-61 AT SCHROEDER
S000-255	FRENCH RIVER AT HATCHERY AT US-61, NE OF DULUTH
S000-256	GOOSEBERRY R DOWN OF US-61 GOOSEBERRY STATE PARK
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S000-258	LESTER R ABOVE SUPERIOR ST., LESTER PK AT DULUTH
S000-259	MANITOU R.USH-61 N LITTLE MARAIS
S000-260	PIGEON RIVER AT U.S. BORDER
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S000-262	ST LOUIS R. SH-39 AT DULUTH
S000-263	SPLIT ROCK R ABV US-61 5 MI NE OF CASTLE DANGER
S000-264	SUCKER RIVER AT US-61 BRIDGE AT PALMERS
S000-265	TEMPERANCE RIVER N. W. OF TOFTE
S000-266	MISS R AT DOCK UPSTRM OF WABASHA ST BR, ST. PAUL
S000-267	WHITEWATER R. CSAH-30 AT BEAVER
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-277	ST. LOUIS BAY BELOW I-535 BRIDGE AT SUPERIOR, WI

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Station ID	Station Name
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S000-279	SNAKE RIVER CSAH-11 S. OF MORA
S000-280	RAINY R AT RR BR AT RAINY LAKE OUTLET IN RANIER
S000-281	EAST SWAN R. CR-444 BY HIBBING
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S000-283	LONG PRAIRIE R.W OF LONG PRAIRIE
S000-284	SAUK R. CSAH-31 S OF NEW MUNICH
S000-285	ST LOUIS R. CSAH-27 W OF ZIM
S000-286	SWAN RIVER AT JACOBSON
S000-287	MISSISSIPPI R LOCK & DAM #5 3 MI SE OF MINNEISKA
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-289	BUFFALO CREEK USH-212 BY PLATO
S000-290	CANNON R. SH-56 BY RANDOLPH
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-292	CHIPPEWA RIVER SH-40 E OF MILAN
S000-293	COTTONWOOD RIVER BY SPRINGFIELD
S000-294	JEWETTS CREEK BETWEEN S13/24, 4 MI N LITCHFIELD
S000-295	LE SUEUR RIVER CSAH-9 BY WASECA
S000-296	MAPLE RIVER CSAH-21 NE OF EASTON
S000-297	MOOSE R.CSAH-46 AT STURGEON LAKE
S000-298	OKABENA CK AT CSAH-9 AT OKABENA
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-300	STRAIGHT R.CSAH-45 CLINTON FALLS
S000-301	N BR SUNRISE R AT MN-95, 4 MI E OF NORTH BRANCH
S000-302	VERMILLION RIVER AT MN-3 BRG IN FARMINGTON
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S000-333	S FK ZUMBRO R ON CSAH-22 .3 MI N OF ROCHESTER
S000-335	MOONLIGHT ROCK CK ABOVE S I'FALLS WWTP DSCH DIT
S000-339	MISSISSIPPI R SHIELY CO. DOCK, GREY CLOUD ISLAND
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-342	MINNESOTA R.,CSAH-35 BY NEW ULM
S000-344	MUSTINKA R. SH-117 W OF WHEATON
S000-345	MISSISSIPPI R.-SPRING LAKE N. E. OF SEDIL
S000-348	S FK CROW R AT CSAH-67 2.5 MI SE OF HUTCHINSON
S000-350	S FK CROW R AT MN-22 AT HUTCHINSON
S000-352	S FK CROW R AT 2ND AVE S IN HUTCHINSON
S000-357	S FK ZUMBRO R NEAR CR-133 1 MI N OF ROCHESTER
S000-388	COBURN CK AT CSAH-30 IN S11 1 MI W OF BLACKDUCK
S000-400	MISSISSIPPI R. CSAH-62 COHASSET
S000-418	S BR LITTLE ELK R AT CSAH-9 AT RANDALL
S000-459	BUFFALO CK AT E/W RD IN S34 1.5 MI E OF BROWNTON
S000-460	BUFFALO CK AT N/S RD IN S28 0.5 MI E OF BROWNTON
S000-461	BUFFALO CK AT CSAH-25 AT BROWNTON

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Station ID	Station Name
S000-469	BLUE EARTH R AT CSAH-8 2 MI NW OF BLUE EARTH
S000-478	ST JAMES CREEK AT CSAH-14 AT ST JAMES
S000-481	W FK DES MOINES R AT US-71 AT WINDOM
S000-501	MEDFORD CK AT CSAH-12 1 MI E OF MEDFORD
S000-502	RUSH CK AT CR-90 (COE AVE), 2 MI N OF MEDFORD
S000-507	STRAIGHT RIVER 1.5 MI SE OF FARIBAULT
S000-510	PIPESTONE CRK ON CSAH-13 4.5 MI W OF PIPESTONE
S000-511	S BR PIPESTONE CREEK 0.4 MI W OF PIPESTONE
S000-512	S BRCH PIPESTONE CRK 0.2 MI W OF PIPESTONE
S000-513	SPLIT ROCK CRK ON CSAH-15 1.3 MI S OF PIPESTONE
S000-514	SPLIT ROCK CRK ON CR-56 .6 MI SE OF PIPESTONE
S000-522	BLUE EARTH R AT CSAH-12 1 MI W OF WINNEBAGO
S000-527	BUFFALO CK AT CSAH-2 AT GLENCOE
S000-535	ELM CK AT ROAD BTN S4/5 2 MI SW OF WINNEBAGO
S000-541	CANNON RIVER SE OF NORTHFIELD
S000-542	CANNON RIVER 3.5 MI N OF FARIBAULT
S000-543	CANNON RIVER AT STRAIGHT R. AT FARIBAULT
S000-544	CANNON RIVER NEAR E. SPILLWAY AT FARIBAULT
S000-545	CANNON RIVER ON MN-60 1 MI SW OF WARSAW
S000-546	CANNON R-L TETONKA INLET NW OF WATERVILLE
S000-547	CANNON R-GORMAN L INLET SE OF LE CENTER
S000-550	LITTLE CANNON R 2.5 MI W OF KILKENNY
S000-553	BOIS DE SIOUX R ON CSAH-6 5.1 MI SW OF DORAN
S000-554	INLET TO LOWER LITTLE RABBIT LAKE BY RIVERTON
S000-555	OTTER TAIL R, CO RD-164 1.3 MI E OF BRECKENRIDGE
S000-556	PELICAN R ON MN-210 1.1 MI W OF FERGUS FALLS
S000-557	RED R OF THE N AT FT DAER PK LANDING IN PEMBINA
S000-558	RED R OF THE N ON MN-175 9.4 MI W OF HALLOCK
S000-559	RED R OF N NEAR CSAH-16 12.1 MI NW OF STEPHEN
S000-560	RED R OF THE N ON MN-317 12.4 MI W OF STEPHEN
S000-561	RED R OF N NEAR CSAH-64 4 MI N OF E GRAND FORKS
S000-562	RED R OF THE N ON CSAH-9 7.1 MI SW OF FISHER
S000-563	RED R OF THE N ON CSAH-1 2.6 MI W OF NIELSVILLE
S000-564	RED R OF THE N, CSAH-25 1.1 MI W OF HENDRUM
S000-565	RED R OF N NEAR CO RD-100 4 MI S OF GEORGETOWN
S000-566	RED R OF THE N NEAR CO RD-67 6.4 MI W OF SABIN
S000-567	RED R OF THE N ON CSAH-30 1 MI NW OF WOLVERTON
S000-568	ST. LOUIS R. USH-53 S OF EVELETH
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S000-570	MISSISSIPPI RIVER 5 MI SW OF BAXTER
S000-571	MISSISSIPPI RIVER 0.5 MI N OF BRAINERD
S000-572	MISSISSIPPI RIVER 2 MI NE OF BRAINERD
S000-573	MISSISSIPPI RIVER 2 MI SW OF RIVERTON
S000-574	MISSISSIPPI RIVER 2 MI NW OF RIVERTON

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Station ID	Station Name
S000-582	BUFFALO CK AT CSAH-1 2 MI E OF GLENCOE
S000-614	ALLOUEZ BAY 1 MI NE OF ALLOUEZ WI
S000-615	NORTH FORK CROW R CSAH-14 BR, 4 MI N OF ROCKFORD
S000-616	LITTLE SILVER CREEK IN JAY COOKE STATE PARK
S000-617	PARTRIDGE R 1.5 MI NE OF HOYT LAKES ON CSAH-110
S000-618	POKEGAMA BAY ON ST LOUIS R 2.8 MI S OF DULUTH
S000-619	SUPERIOR BAY .5 MI NE OF SUPERIOR WI
S000-620	SUPERIOR BAY AT SUPERIOR WI
S000-621	SUPERIOR BAY AT SUPERIOR WI
S000-622	SUPERIOR BAY .5 MI NE OF SUPERIOR WI
S000-623	ST. LOUIS R IN SPIRIT L 2 MI NE OF GARY
S000-624	ST. LOUIS R AT L POKEGAMA BAY 2 MI E OF GARY
S000-625	ST. LOUIS R IN MUD LAKE 1 MI SE OF GARY
S000-626	ST. LOUIS RIVER 1.5 MI SW OF GARY
S000-627	ST. LOUIS RIVER 2.5 MI SW OF GARY
S000-628	ST.LOUIS R IN JAY COOKE STATE PARK
S000-629	ST.LOUIS R .5 MI E OF SCANLON AT SCANLON DAM
S000-630	ST. LOUIS RIVER AT KNIFE FALLS DAM AT CLOQUET
S000-631	ST.LOUIS R 5.5 MI SE OF HOYT LAKES AT NFD BR
S000-632	ST LOUIS BAY ON ST LOUIS R .8 MI SE OF DULUTH
S000-633	ST LOUIS BAY ON ST LOUIS R .5 MI SE OF DULUTH
S000-634	ST LOUIS BAY ON ST LOUIS R 1.5 MI E OF DULUTH
S000-635	ST LOUIS BAY ON ST LOUIS R 1 MI SE OF DULUTH
S000-636	ST LOUIS BAY ON ST LOUIS R .5 MI S OF DULUTH
S000-637	ST LOUIS BAY ON ST LOUIS R .5 MI S OF DULUTH
S000-638	ST LOUIS BAY ON ST LOUIS R 1 MI S OF DULUTH
S000-639	ST. LOUIS BAY ON ST. LOUIS R 2 MI SW OF DULUTH
S000-640	ST. LOUIS BAY ON ST. LOUIS R 2 MI NE OF GARY
S000-641	SWAN RIVER 5.5 MI N OF TOIVOLA ON CSAH-5
S000-642	STORMSEWER AT PIPESTONE
S000-643	STORMSEWER AT PIPESTONE
S000-644	COUNTY DITCH ON CR-69 1.1 MI E OF PIPESTONE
S000-645	MAIN DITCH ON 9TH ST NE AT PIPESTONE
S000-646	MAIN DITCH ON MN-23 AT PIPESTONE
S000-647	MAIN DITCH TRIB OF PIPESTONE CK AT CSAH 68 AND RR, PIPESTONE
S000-648	PIPESTONE CRK ON CSAH-15 1.5 MI NW OF PIPESTONE
S000-649	PIPESTONE CRK AT INDIAN L 1.2 MI N OF PIPESTONE
S000-650	PIPESTONE CREEK .8 MI N OF PIPESTONE
S000-651	S BRCH PIPESTONE CREEK .8 MI W OF PIPESTONE
S000-652	SPLIT ROCK CRK ON CR-54 .1 MI S OF IHLEN
S000-671	CEDAR RUN AT ROAD BTN S34/35 2.5 MI E OF TRIMONT
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON
S000-693	REDWOOD R AT CSAH-5 IN LYND

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Station ID	Station Name
S000-735	MINNESOTA R ON CSAH-26 AT LE SUEUR
S000-736	MINNESOTA R.,CSAH-23 BY JUDSON
S000-737	MINNESOTA R ON CSAH-8 3.5 MI SE OF FRANKLIN
S000-740	MINNESOTA R ON USH-59/212 .8 MI SW OF MONTIVIDEO
S000-777	LITTLE COTTONWOOD R.,SH-68 BY CAMBRIA
S000-778	MINNESOTA R.,SH-25 BY BELLE PLAINE
S000-779	MINNESOTA R.,SH-4 BY FT. RIDGELY PARK
S000-792	E SWAN CK TRIB AT RD BTN S4/9 3 MI SE OF HIBBING
S000-800	BEAR CREEK ON USH-14 AT ROCHESTER
S000-801	CEDAR RIVER NEAR CSAH-29 AT AUSTIN
S000-802	CEDAR RIVER ON CSAH-25 3 MI N OF LANSING
S000-803	CEDAR RIVER - 2.3 MI SE OF BLOOMING PRAIRIE
S000-804	E FORK CEDAR R ON CSAH-2 E OF BLOOMING PRAIRIE
S000-805	MIDDLE FORK CEDAR R ON MN-30 NE OF BLOOMING PR.
S000-807	ROBERTS CREEK ON ROAD 2.2 MI NE OF LANSING
S000-808	ROSE CREEK ON USH-218 2.5 MI SE OF AUSTIN
S000-809	TURTLE CREEK ON MN-105 AT AUSTIN
S000-810	MID FK ZUMBRO R 3.7 MI W OF WEST CONCORD
S000-811	S BR MID FK ZUMBRO R 2.7 MI NE OF CLAREMONT
S000-812	N FK ZUMBRO R ON CSAH-10 1.5 MI E OF ZUMBROTA
S000-813	N FK ZUMBRO R ON CSAH-26 2.7 MI W OF KENYON
S000-814	S FK ZUMBRO R 3 MI E OF ORONOCO
S000-815	S FK ZUMBRO R ON CSAH-26 7.5 MI S OF BYRON
S000-816	ZUMBRO RIVER ON CSAH-30 AT KELLOGG
S000-817	ZUMBRO RIVER 3.6 MI SW OF WABASHA
S000-818	ZUMBRO RIVER ON CSAH-2 AT MILLVILLE
S000-819	ZUMBRO RIVER ON USH-63 .4 MI SOUTH ZUMBRO FALLS
S000-820	S FK ZUMBRO R ON CSAH-7 3.4 MI SE OF MAZEPPA
S000-822	RUSH RIVER, SH-93 BY HENDERSON
S000-823	SAND CREEK, US-169 AT JORDAN
S000-826	GARVIN BROOK AT MINNESOTA CITY
S000-827	GARVIN BROOK NEAR MINNESOTA CITY
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S000-829	GARVIN BROOK NEAR MINNESOTA CITY
S000-830	GARVIN BROOK NEAR STOCKTON
S000-831	GARVIN BROOK AT STOCKTON
S000-832	GARVIN BROOK AT STOCKTON
S000-833	GARVIN BROOK AT THE ARCHES
S000-834	UNNAMED CREEK AT STOCKTON
S000-839	PETERSON CREEK AT THE ARCHES
S000-840	ROLLINGSTONE CK. NEAR MINNESOTA CITY
S000-842	UNNAMED CREEK NEAR STOCKTON
S000-844	STOCKTON VALLEY CK. NEAR STOCKTON
S000-845	STOCKTON VALLEY CK. NEAR STOCKTON

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Station ID	Station Name
S000-846	STOCKTON VALLEY CK. NEAR STOCKTON
S000-855	ASSINIKA CREEK 14 MI NE OF GRAND MARAIS
S000-862	DEVILSTRACK R. CSAH 8 N OF GRAND MARAIS
S000-863	GREENWOOD R. 15 MI. NE OF GRAND MARAIS
S000-864	KADUNCE CK. US-61 NE OF GRAND MARAIS
S000-865	KIMBALL CK US-61 E OF GRAND MARAIS
S000-875	ONION R. US-61 3.5 MI NE OF TOFTE
S000-876	PORTAGE BROOK 11 MI N OF HOVLAND
S000-878	SWAMP RIVER 5 MI N OF HOVLAND
S000-890	W FK DES MOINES R AT CSAH-30 5 MI SE OF WINDOM
S000-891	W DESMOINES R-SCT LINE BTN 7/18 3 MI S OF WINDOM
S000-892	W DESMOINES R-T104NR35WS7NWQNWQ 2 MI S OF WINDOM
S000-893	W FK DES MOINES R- N/S RD IN S1 1 MI S OF WINDOM
S000-895	S BR ZUMBRO RIVER BELOW ZUMBRO LAKE DAM
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S000-904	W FK DES MOINES R AT CSAH-16 4.5 MI N OF JACKSON
S000-905	W FK DES MOINES R AT CSAH-19 6.5 MI N OF JACKSON
S000-909	DEVILSTRACK RIVER-2.5 MI NE OF GRAND MARAIS
S000-910	DURFEE CREEK - 6 MI NE OF GRAND MARAIS
S000-911	STONY RIVER BRIDGE ON MN-1, 21.5 MILES SO OF ELY
S000-912	BEAR ISLAND RIVER BRIDGE ON MN-1 5.5 MI S OF ELY
S000-913	KEELY CREEK SH-1 14 MI SE OF ELY
S000-914	RANGE RIVER 1 MI FROM RANGE LAKE NE OF ELY
S000-946	BAUDETTE RIVER DOWNSTREAM OF MN-11 AT BAUDETTE
S000-983	WHITEFACE R AT BR ON CSAH-29, 3 MI SW OF KELSEY
S000-984	WHITEFACE R AT BR ON CSAH-7, 0.5 MI S OF KELSEY
S000-986	LEAF R AT US-71 3 MI NE OF WADENA
S001-003	STRAIGHT RIVER AT CR BR 1 MI N OF HOPE
S001-008	PIPE TO WOOD L AT N END, 3 MI N OF WOOD LAKE
S001-021	MID F ZUMBRO NEAR MOUTH IN S14 3 MI E OF ORONOCO
S001-022	SF ZUMBRO R IN T108NR14WS23NWQSEQ W OF ORONOCO
S001-027	CEDAR RUN CREEK BR AT CSAH-9, 4 MI NW OF TRIMONT
S001-028	ELM CREEK BR AT CSAH-149, 4.5 MI NE OF NORTHROP
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S001-030	SWAN RIVER BRIDGE AT MN-238, 3 MI E OF SOBIESKI
S001-031	SWAN RIVER BRIDGE AT CSAH-12, 3 MI W OF SOBIESKI
S001-032	WHISKEY CREEK BRIDGE ON US-75 AT KENT
S001-051	RABBIT R AT CSAH-9 8 MI NW OF CAMPBELL
S001-052	RABBIT R AT CSAH-2 3 MI SE OF CAMPBELL
S001-053	RABBIT R AT CSAH-19 2.5 MI N OF NASHUA
S001-057	SWAN R AT CSAH-1 1.5 MI S OF SOBIESKI
S001-058	SWAN R AT CSAH-12 AT SWANVILLE
S001-059	SWAN R AT CSAH-13 8 MI SE OF LONG PRAIRIE
S001-060	WHISKEY CK AT CSAH-1 1.5 MI NW OF KENT

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Station ID	Station Name
S001-061	WHISKEY CK AT CSAH-20 2 MI SE OF KENT
S001-062	CEDAR RUN CK AT CR-103 11.5 MI NW OF TRIMONT
S001-069	ELM CREEK AT CR-143 6.5 MI N OF FAIRMONT
S001-070	ELM CREEK AT CSAH-21 4 MI SE OF TRIMONT
S001-071	ELM CREEK AT CR-103 6 MI W OF TRIMONT
S001-100	DITCH121 TO LK MIN BELLE SWQ/NWQ/S14/T118N/R31W [MB2]
S001-138	ROBINSON CR BRIDG AT DEAD END RD, NW HIGH FOREST
S001-148	W DES MOINES R 50 FT ABV WINDOM WWTP OUTFALL
S001-149	BEAR R AT CR-528, 5 MI SW OF TOWN OF BEAR RIVER
S001-150	BEAR R AT CSAH-1, 4 MI E OF LINDFORD
S001-151	BEAVER CR AT CSAH-10, 1 MI SE OF SHELDON
S001-152	GROUNDHOUSE RIVER ON CR-55, 1 MILE NW OF OGIHVIE
S001-153	LEAF RIVER AT CSAH-26, 8 MILES NE OF ALDRICH
S001-154	S BR TWO R W SIDE S35 (T161/R48) 6 MI SE HALLOCK
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S001-156	S BR YELLOW MEDICINE R AT CSAH-10, AT MINNEOTA
S001-157	W DES MOINES NWQ/NEQ/S6/T103N/R35W 9 M SE WINDOM
S001-161	MIDDLE FK ZUMBRO R .4 MI ABV CONFL WITH ZUMBRO R
S001-167	MISS R DOWNSTREAM OF CARLSON IS. AT RED WING
S001-178	PELL CK AT CSAH-7 1/2 MI SW OF REVERE
S001-179	PELL CK AT SRD IN NEQ S27. 1.25 MI W OF REVERE
S001-180	PELL CK AT CSAH 10, 2.25 MILES W OF REVERE
S001-181	UNNAMED DT TO PELL CK 2 MI E OF WALNUT GROVE
S001-186	PRAIRIE CR AT 310TH ST .2 MI UPSTM OF L BYLLESBY
S001-189	ROBINSON CK 75 FT UPSTRM OF BRIDG AT HIGH FOREST
S001-190	ROBINSON CREEK ACCESS FROM CSAH-6 AT HIGH FOREST
S001-191	SALEM CR AT UNN CR IN S19 4 MI SW SALEM CORNERS
S001-192	CANNON RIVER .1 MI UPST CONFL WITH VERMILLION R
S001-193	VERMILLION R .1 MI UPST CANNON R CONFL NR RED WI
S001-194	MISS R S OF E END OF LOW GREY CLOUD I NR ROSEMOU
S001-197	PRAIRIE CREEK WALKIN VIA DRIVE W OF CANNON FALLS
S001-198	PRAIRIE CREEK BR AT MN-19, 4 MI SW CANNON FALLS
S001-199	REDWOOD R AT CR-73, 3.5 MILES SE OF GREEN VALLEY
S001-200	REDWOOD R AT W LN OF S13 2 MI SE OF GREEN VALLEY
S001-201	REDWOOD R AT MN-23, 1 MILE SOUTH OF GREEN VALLEY
S001-202	REDWOOD R BTWN S15/22 2 MI SOUTH OF GREEN VALLEY
S001-203	REDWOOD R AT TWP RD NR CR67 .5 MI NE OF MARSHALL
S001-206	SALEM CR WALKIN S OF CSAH-8, W OF SALEM CORNERS
S001-207	SALEM CREEK AT CSAH-15, 5 MI W OF SALEM CORNERS
S001-210	UNN TRIB TO BIG COBB R, SH22 .5 MI N BEAUFORD
S001-211	CD 60 AT ROAD E LN SEC. 1, 2 MI NW BLUE EARTH
S001-212	CD 26 AT CSAH 13, 4.5 MILES E OF BLUE EARTH
S001-213	CD 44 AT ROAD S LN SEC. 1, 2 MI SE OF FROST
S001-214	JD 3 AT ROAD SEC. 11/ SEC. 12 2 MI E NORTHRUP

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Station ID	Station Name
S001-215	ST. JAMES CK CR104 2 MILES S OF ST. JAMES
S001-216	UNN INLET TO MTN LK AT ROAD ON E LN SEC. 25
S001-217	S BR YELLOW MEDICINE R AT CSAH-3, AT MINNEOTA
S001-218	RAINY R 1000 FT UPST OF CONF WITH L FORK R
S001-219	GRINDSTONE R AT WEST BR SH48, 3MI E HINKLEY
S001-220	ST. JAMES CK AT E LN RD S7, .5MI U/S KANSAS L
S001-221	CD#43 AT RD ON S LINE S15, 4MI SW OF GAYLORD
S001-222	RED RIVER AT BRIDGE 50' UPST RED LK R CONFL
S001-223	SUNRISE R RD CULVERT 400' UP INLET BIG COMFORT
S001-226	VERMILLION R AT HWY 54, 7/8 MI SE OF HASTINGS
S001-227	VERMILLION SLOUGH AT E 4 BRG, 1 1/8 MI E HASTING
S001-228	VERMILLION R SE 1/4 S5, 5 MI SE OF HASTINGS
S001-229	TRUEDALE SLOUGH, NE 1/4 S5, 5 1/4 MI SE HASTINGS
S001-230	VERMILLION R AT HWY 68 BRG, 3/4 MI NE OF ETTER
S001-231	BLUE EARTH RIVER 150 FT DNST OF RAPIDAN DAM
S001-232	UNN STR. INLET TO LTL COMFORT LK FROM SCHOOL LK
S001-233	JUD DITCH #2 AT US-61 1 MI N OF FOREST LAKE
S001-234	UNN DITCH AT US-61 1.5 MI N OF FOREST LAKE
S001-235	NEMADJI R. 70 YD. DNST. OF CO. RD C, WI.
S001-236	MISS R AT LAMBERTS LANDING, ST. PAUL
S001-237	MISSISSIPPI R 1 MI UPST OF MPLS WATER INTAKE
S001-238	MISSISSIPPI R DNST OF HASTINGS RR BR
S001-239	PRAIRIE CK AT CR42, 1.7 MI NW OF DENNISON, MN
S001-240	PRAIRIE CK TRIB,110 ST E, 1.6 MI NW DENNISON,MN
S001-241	PRAIRIE CK AT SH56, 3.8 MI NE OF DENNISON, MN
S001-242	PRAIRIE CK AT GOODHUE AVE, 2.5 MI N DENNISON, MN
S001-243	PRAIRIE CK AT DENNISON BVD, 1.4 MI W DENNISON,MN
S001-244	PRAIRIE CK AT KAROW TR, 2.3 MI SW DENNISON, MN
S001-245	PRAIRIE CK AT SH 246, 2.8 MI SW OF DENNISON, MN
S001-246	TRIB PRAIRIE CK ON CSAH 29,1.9 MI NW NERSTRAND
S001-247	JD2 AT HENDERSON STATION,MN, ON CSAH-34
S001-248	MN R AT CSAH-101, .7 MI N OF N. REDWOOD, MN
S001-249	AMITY CK AT LESTER PK BR, 6 MI NE OF DULUTH, MN
S001-250	TRIB TO PRAIRIE CK AT CSAH 29,1.3 MI NW NERSTRAN
S001-251	PRAIRIE CK AT CSAH 30, 4 MI NW OF DENNISON, MN
S001-252	CROW R AT BR AT MN-101, 2.8 MI N OF ROGERS
S001-253	CROW R AT BR AT CSAH 19 IN HANOVER, MN
S001-254	CROW R 150' UPST BR CSAH 22, 1.9 MI E ST MICHAEL
S001-255	SF CROW R, BR AT BRIDGE AVE IN DELANO
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-257	CROW R AT BR AT BRIDGE ST IN ROCKFORD, MN
S001-258	PRAIRIE CK TRIB IN PARK, 1.8 MI NW OF NERSTRAND
S001-259	PRAIRIE CK TRIB ON CR-88, 3.2 MI W OF NERSTRAND
S001-260	PRAIRIE CK TRIB IN PARK, 2.2 MI SW OF NERSTRAND

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Station ID	Station Name
S001-261	PRAIRIE CK TRIB IN PARK, 1.9 MI W OF NERSTRAND
S001-262	N BR GRINDSTONE R, 1.9 MI NW OF HINKLEY, MN
S001-263	S BR GRINDSTONE R, 1.6 MI NW OF HINKLEY, MN
S001-264	GRINDSTONE R ON CR-140, EAST SIDE OF HINKLEY, MN
S001-265	N BR SUNRISE R ON CR-67 IN NORTH BRANCH
S001-266	N BR SUNRISE R ON CR-64 IN NORTH BRANCH
S001-267	TALMADGE AT MOUTH OFF MN-61, 10.7 MI NE DULUTH
S001-268	SKUNK CREEK MOUTH AT LK SUPERIOR IN TWO HARBORS
S001-269	GRINDSTONE R 4.8 MI E OF HINCKLEY
S001-270	GRINDSTONE R AT MN-48 BR 4 MI E OF HINCKLEY
S001-271	GRINDSTONE R AT CR-140 BR, 2.5 MI E OF HINCKLEY
S001-272	GRINDSTONE R AT WWTF 1 MI E OF HINCKLEY
S001-273	NF CROW R AT BR ON CSAH-14, 3.7 MI NW OF DELANO
S001-274	NF CROW R AT BR ON CSAH-12, 3.8 MI N OF MONTROSE
S001-275	PRAIRIE CK, 110 ST E, 1.6 MI NW DENNISON, MN
S001-276	UNN TRIB TO LITTLE TOAD LK, 9 MI NE OF FRAZEE
S001-277	GRINDSTONE R SB AT T-311 ROAD CROSSING 4.6 MI NW OF HINCKLEY
S001-278	GRINDSTONE R BLW DNR DAM W OF BIKE TR IN HINCKLE
S001-279	SB GRINDSTONE R AT CSAH 17 2.7 MI NW OF HINCKLEY
S001-280	CANNON R 6.25 MI W OF CANNON FALLS
S001-281	CANNON R AT N. 9TH ST IN CANNON FALLS
S001-282	COBB R AT CONFL WITH LESUEUR R
S001-283	MALONE CR (THAINS CR) AT ISLE PUB. ACC. ON SH-47
S001-284	UNNAMED TRIB. W OF FR.HENN. ST PARK ENTR. SH-27
S001-285	CEDAR CK (LITTLE R), BRIDGE ON SH-47 NORTH OF ISLE
S001-286	DITCH AT SMALL HARBOR N. OF LITTLE RIVER
S001-287	PETERSON CREEK, CULVERT UNDER SH-27
S001-288	UNNAMED TRIB AT CULVERT ON SH-27 BY WAHKON
S001-289	UNNAMED TRIB N OF SH-27 W OF TRAILER CT.
S001-290	DITCH FROM OGECHIE LAKE ON CO RD 35 BRIDGE
S001-291	WHITEFISH CREEK, BRIDGE ON US-169
S001-292	GARRISON CK AT US-169, 1 MI NE OF GARRISON
S001-293	REDDICK CREEK ON SH-18 BY WEALTHWOOD
S001-294	REDDY CK (MARMON CK) ON SH-18 N. OF MALMO
S001-295	SEVENTEEN CR., CULVERT ON SH-47 BY MALMO
S001-296	BORDEN CREEK, CULVERT ON SH-47 BY MALMO
S001-297	DRAINAGE DITCH, 3 MI. N OF SEVENTEEN CRK.
S001-298	SEQUCHIE CK AT US-169, 2.5 S OF GARRISON
S001-299	UNNAMED TRIB. US-169 S. OF GARRISON
S001-300	UNNAMED TRIB. US-169 S. OF GARRISON
S001-301	MINNESOTA R AT CSAH-5, 0.5 MI S OF FRANKLIN
S001-302	BLUE EARTH R AT SH-30, 3 MI W OF AMBOY
S002-565	LAKE MINNEWASHTA OUTLET AT CR-15 (MINNEWASHTA PKWY)

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Station ID	Station Name
S002-567	LONG LAKE CREEK AT ORCHARD RD IN LONG LAKE
S002-754	SIX MILE CREEK AT OUTLET OF LUNSTEN L, 3.5 MI NE OF WACONIA
S002-759	LANGLEY CREEK NEAR BABBITT, MINN.
S002-764	DUNKA R AT AMAX TEST SHAFT 6.5 MI SE OF BABBITT
S002-766	DUNKA RIVER NEAR BABBITT, MINN.
S002-806	LANGLEY CREEK NEAR BABBITT, MINN.
S002-927	GLEASON LAKE OUTLET AT CSAH-15 IN WAYZATA

Project LEGTAN Tanner's Lake CLP

Start Date 01/01/1989 **Planned Duration** 1990
Purpose CLP

Continued as "RWMWD."

Assigned Stations

Station ID	Station Name
82-0115	TANNERS
S002-770	INLET TO TANNER'S LAKE EAST SIDE IN OAKDALE PK
S002-771	INLET TO TANNER'S LAKE, N. OF SEDIMENTATION POND
S002-772	INLET TO TANNER'S LAKE, S. OF SEDIMENTATION POND
S002-779	NORTHEASTERN SIDE OF TANNER'S LAKE
S002-780	NORTHEASTERN SIDE OF TANNER'S LAKE
S002-781	NORTHWESTERN SIDE OF TANNERS LAKE
S002-782	SOUTHEASTERN SIDE OF TANNER'S LAKE
S002-783	SOUTHERN SIDE OF TANNER'S LAKE
S002-784	SOUTHWESTERN CORNER OF TANNER'S LAKE
S002-785	SOUTHWESTERN CORNER OF TANNER'S LAKE
S002-786	SOUTHWESTERN CORNER OF TANNER'S LAKE
S002-787	SOUTHWESTERN CORNER OF TANNER'S LAKE
S002-789	STORMSEWER SOUTH OF 7TH STREET, EAST OF INLET
S002-793	TANNER'S LAKE OUTLET
S002-919	INLET TO TANNER'S LAKE AT NINTH STREET

Project LEGTRT Trout Lake CWP

Start Date 01/01/1989 **Planned Duration** 1993
Purpose CWP

Assigned Stations

Station ID	Station Name
S000-939	TROUT CK AT CSAH-10 BTN S9/10 2.5 MI SE OF BOVEY
S000-940	UNNAMED CK AT CSAH-10 IN T56N/R24W/S32 AT BOVEY
S000-953	UNNAMED CK AT CSAH-10 IN T55N/R24W/S4 NEAR BOVEY
S002-633	UNNAMED CK AT CSAH-10 IN T55NR24WS9 SE OF BOVEY

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Project LEGVAL Valentine Lake CWP

Start Date 01/01/1989 **Planned Duration** 1990

Purpose CWP

Assigned Stations

Station ID	Station Name
S002-846	VALENTINE LK INLET AT I-694 DWST OF CLVRT IN ARDEN HILLS
S002-926	VALENTINE LK INLT ON SE END OF LK ON BETHEL DR IN ARDEN HILL

Project LEGVOY Voyageurs National Park Study

Start Date 01/01/1972 **Planned Duration** 1990

Purpose Voyageurs National Park Study

Assigned Stations

Station ID	Station Name
69-0616	CRANE
69-0693	NAMAKAN
69-0694	RAINY
69-0843	EK (LEIF)
69-0845	KABETOGAMA
S002-706	ASH R AT SULLIVAN BAY, VOYAGEUR'S NATIONAL PARK
S002-841	RAT ROOT RIVER, ERICSBURG
S002-842	RAT ROOT RIVER, RAY
S002-853	SAND POINT LAKE, HARRISON NARROW, VOYAGEUR'S NATIONAL PARK

Project LEGWAS Clear Lake Restoration Project (CLP)

Start Date 01/01/1967 **Planned Duration** Through 1990

Purpose A Clean Lakes Program project involving Clear and Loon Lakes in Waseca. Since 1990, work has continued under the Clean Water Partnership Program with the Loon Lake Project.

Assigned Stations

Station ID	Station Name
81-0014-01	CLEAR
81-0015	LOON
S002-683	INL TO CLEAR L FR GAITER L, USH 14/13TH ST, WASECA, MN
S002-684	INLET TO CLEAR L FR MEMORIAL MARSH, WASECA
S002-685	LOON L OUTLET, 4TH AV NW, WASECA
S002-686	OUTFLOW MARSH PUMP STA., CSAH 13, NW WASECA
S002-687	STORM SEWER B TO LOON L, USH14/8TH ST, WASECA

Project LEGWLSSD Western Lake Superior Sanitary District Monitoring

Start Date 07/10/1964 **Planned Duration** 11-20-1996

Purpose Western Lake Superior Sanitary District Monitoring. Legacy agency code 21-WLSSD.

Assigned Stations

Station ID	Station Name
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Station ID	Station Name
S000-021	ST LOUIS RIVER AT BRIDGE ON MN-23 AT FOND DU LAC
S000-046	ST LOUIS R. OLD USH-61 AT SCANLON
S000-197	SUPERIOR BAY-AERIAL BR AT DULUTH
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S000-262	ST LOUIS R. SH-39 AT DULUTH
S000-629	ST.LOUIS R .5 MI E OF SCANLON AT SCANLON DAM
S001-267	TALMADGE AT MOUTH OFF MN-61, 10.7 MI NE DULUTH
S001-268	SKUNK CREEK MOUTH AT LK SUPERIOR IN TWO HARBORS
S003-820	AMITY CK OFF TIOGA ST IN LESTER PARK IN DULUTH, MN
S003-968	CLOQUET R AT CSAH 7, 4.5 MI SW OF INDEPENDENCE, MN
S003-969	ST. LOUIS R AT POTLATCH PAPER DAM, 1.5 MI NE OF CLOQUET, MN
S003-970	ST. LOUIS R AT R.R. CROSSING IN CLOQUET, MN
S003-971	ST. LOUIS R AT SH-33 BRG IN CLOQUET, MN
S003-972	ST.LOUIS R.FOND DU LAC RESERVIOR AT DAM, 3.3 MI W GARY, MN
S003-973	ST. LOUIS R AT DUNLAP BRG IN CLOQUET, MN
S003-974	ST. LOUIS R AT CSAH 31 IN BROOKSTON, MN
S003-975	ST. LOUIS R AT FISHING PIER E OF BLATNIK BRG IN DULUTH, MN
S003-976	LITTLE SUCKER R AT MTH OF LK SUP, 10.2 MI SW TWO HARBORS, MN
S003-977	LESTER R AT MOUTH OF LK SUPERIOR IN DULUTH, MN
S003-978	SUCKER R AT MOUTH TO LK SUP, 10.9 MI SW OF TWO HARBORS, MN
S003-979	ENCAMPMENT R AT MOUTH OF LK SUP, 7 MI NE OF TWO HARBORS, MN
S003-980	LESTER R IN LESTER PK NEAR FOOTBRIDGE IN DULUTH, MN
S003-981	UNNAMED TRIB AT FORBAY LK OUTLT, 2.3 MI E OF THOMSON, MN
S003-982	ST. LOUIS R AT OLDENBURG POINT, 2.3 MI SE OF THOMSON, MN
S003-983	UNN DITCH FROM THOMSON RES. AT BRG, .5 MI E OF THOMSON, MN
S003-984	ST. LOUIS R AT BRG IN N CHANNEL, 1 MI SE OF DULUTH, MN
S003-985	ST. LOUIS R AT ARROWHEAD BRIDGE, .7 MI SE OF DULUTH, MN
S003-986	FRENCH R MOUTH TO LK SUPERIOR, 7 MI NE OF DULUTH, MN
S003-987	PETE'S CK MOUTH, 3 MI NE OF TWO HARBORS, MN
S003-988	SCHMIDT R MOUTH TO LK SUPERIOR, 13.25 MI NE OF DULUTH, MN
S003-989	STEWART R AT MOUTH TO LK SUP, 2.5 MI NE OF TWO HARBORS, MN
S003-990	CROW CR MOUTH TO LK SUP, 8 MILES NE OF TWO HARBORS, MN
S003-991	SILVER CR MOUTH TO LK SUP, 4.2 MI NE OF TWO HARBORS, MN
S003-992	UNNAMED TRIB OUTLT FROM THOMSON RES, .4 MI NE OF THOMSON, MN

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Project LEGWOR Worthington CWP

Start Date 01/01/1967

Planned Duration LegacyMigration

Purpose CWP

Assigned Stations

Station ID	Station Name
S002-861	OCHEYEDAN R, OCHEDA L OUTLET UNN RD, 5.5 MI S OF WORTHINGTON
S002-862	OCHEYEDAN R AT CO. RD 4 6.5 MI S WORTHINGTON
S002-863	OCHEYEDAN R BLW LK BELLA DAM, CR 52, S WORTHINGTON, MN
S002-864	OCHEDA L, CSAH 5 BTWN E BAY/MID BAY, 3 MI S WORTHINGTON
S002-865	JD #10 ON US HWY 59, 5.5 MI SW OF WORTHINGTON
S002-866	JD #6 ON UNN RD ON N LN S2, 2 MI S WORTHINGTON
S002-867	JD #6, LK OKABENA OUTFLOW DS OF CULVERT, WORTHINGTON
S002-868	WHISKY DTC, LK OKABENA INLT, 100 YDS UPST OF LK, WORTHINGTON
S002-869	OKABENA LK AT CULVERT S SHORE DR WORTHINGTON
S002-870	UNN STR INL TO LK OKABENA, W SHORE DR, WORTHINGTON

Project LESUER-L An Integrated Sediment Budget for Le Sueur River Basin-NCED

Start Date 01/01/2008

Planned Duration 3 Years

Purpose Problem Investigation. Develop an integrated sediment budget and routing model for the Le Sueur River.

Study Area Le Sueur River Basin

Project Design Laboratory Name:
St. Anthony Falls Laboratory
2 Third Avenue SE
Mpls., MN 55414

Contact:
Patrick Belmont
610-462-7029
belmont@umn.edu

Field Procedure Information:
Sample Collection Method and Gear - Grab sample with weighted Nalgene bottle.
Field Measurements, Methods and Instrumentation - Turbidity.
Turbidimeter Make and Model - Hach 2100N.

Obtain Plan Local Project Manager:
Karen Gran/Lesley Perg
National Center for Earth-surface Dynamics
2 Third Avenue SE
Mpls., MN 55414
612-624-4606
kgran@d.umn.edu

Assigned Stations

Station ID	Station Name
S000-295	LE SUEUR RIVER CSAH-9 BY WASECA
S000-296	MAPLE RIVER CSAH-21 NE OF EASTON

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-656	LESUEUR R AT CSAH-3 6 MI S OF JANESVILLE
S002-427	MAPLE R AT CSAH 35 5.2 MI S OF MANKATO, MN
S002-435	MAPLE R AT TOWNSHIP RD-96, 2 MI NE OF GOOD THUNDER, MN
S002-473	JD DT 9, 300 FEET UPST OF CSAH 46. 5.5 MI S OF MAPLETON, MN
S003-448	LE SUEUR R AT CSAH 28 IN SAINT CLAIR, MN
S003-860	LE SUEUR R AT CSAH-8, 5.1 MI SSE OF MANKATO, MN
S004-101	MAPLE R AT CSAH-18, 2 MILES NORTH OF STERLING CENTER
S004-304	MAPLE R AT CSAH-10 BRG, .5 MI E OF GOOD THUNDER
S005-305	MAPLE R AT MN-30, 7 MI S OF GOOD THUNDER, MN
S005-306	LESUEUR R AT CSAH-14, 2 MI NE OF PEMBERTON, MN
S005-309	MAPLE R AT 225 ST, 3 MI N OF EASTON, MN
S005-310	LESUEUR R AT MN-83, 2.1 MI S OF EAGLE LAKE, MN
S005-311	MAPLE R AT CSAH-7, 3.5 MI S OF MAPLETON, MN
S005-312	MAPLE R AT CSAH-46, 5.5 MI SSE OF MAPLETON, MN
S005-313	UNN STR .1 MI N OF CR-164, 4 MI NE OF MAPLETON, MN
S005-315	CD-1 AT 613 LN, TRIB TO L COBB R 2.7 MI W OF PEMBERTON, MN
S005-316	CD-25 AT CSAH-83, 1.25 MI NW OF ST. CLAIR, MN
S005-317	LESUEUR R AT CSAH-22, 5.5 MI SE OF MANKATO, MN
S005-318	LESUEUR R AT CSAH-41, 4.5 MI SE OF MANKATO, MN
S005-319	LESUEUR R AT CR-172, 3.7 MI NNW OF PEMBERTON, MN

Project LESUEUR LeSueur Water Monitoring

Start Date 05/01/2007 **Planned Duration** Ongoing

Purpose Condition. Water chemistry sampling will take place at 8 locations throughout the LeSueur River Watershed to coincide to biological monitoring at 72 additional sites.

Project Design Sample Collection Methods: Grab sample with bucket.

Field Measurements: pH, temp, DO, conductivity with Hach meter and Hydrolab, transparency with T-tube.

Laboratory Name: MDH

Obtain Plan Citation for Plan:

Bryan Spindler
MPCA
520 Lafayette Road
St. Paul, MN 55155
bryan.spindler@pca.state.mn.us
651.297.1415

Assigned Stations

Station ID	Station Name
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-654	CD#6 AT CSAH-14 BTN S13/18 4 MI SW OF JANESVILLE
S002-427	MAPLE R AT CSAH 35 5.2 MI S OF MANKATO, MN
S002-431	RICE CK AT CR-151 .9 MI SE OF STERLING CENTER, MN

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
S002-473	JD DT 9, 300 FEET UPST OF CSAH 46. 5.5 MI S OF MAPLETON, MN
S003-446	COBB R AT CSAH-16, 4.4 MI NE OF GOOD THUNDER, MN
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN
S004-836	BOOT CK AT 260TH AVE., 3 MI NW OF NEW RICHLAND

Project LFORKR Little Fork River Intensive Water Chemistry Monitoring

Start Date 05/01/2008 **Planned Duration** 2 years

Purpose Condition. Water chemistry sampling will take place at 11 locations throughout the Little Fork River watershed to coincide to biological monitoring at 57 additional sites.

Study Area Little Fork River

Project Design Lab: MDH and Northeast Technical Services

Sample Collection Method and Gear: grab sample and grab sample with weighted bucket.

Field Measurements - Methods and Instrumentations: pH, temp, DO, conductivity, and turbidity with Hach HQ40D meter and Quanta, transparency with T-tube.

Gage Type: TD

Obtain Plan Local Project Manager:
Michael Kramschuster
7678 College Rd, Suite 105
Baxter, MN 56425-6102

218-828-6102
michael.kramschuster@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-877	RICE R AT CSAH-25 BTN S21/28 3.5 MI W OF COOK
S002-552	LITTLE FORK R AT MN-65 BR, 13.25 MI. SE OF LITTLEFORK, MN
S003-998	NETT LK R, .05 MI E OF CSAH 8, 13.5 MI S OF LITTLEFORK, MN
S003-999	BEAVER BK AT MN-217, 2 MI E OF LITTLEFORK, MN
S004-814	WILLOW R AT CSAH-75 (AKA GREANEY RD), 1 MI S OF GREANEY
S004-870	STURGEON R AT CR-766, 11.5 MI N OF CHISHOLM, MN
S004-871	STURGEON R AT CSAH-107, 18 MI SW OF ORR, MN
S004-872	BEAR R AT CSAH-5, 23.5 MI NNW OF CHISHOLM, MN
S004-873	LITTLE FORK R AT CR-495, 13.3 MI WNW OF COOK, MN
S004-874	DARK R AT CR-688, 12.5 MI SW OF COOK, MN
S004-920	LITTLE FORK R AT CSAH-75, 2 MI SE OF RAUCH, MN

Project LFRANCES Lake Frances Water Quality

Start Date 01/01/1967 **Planned Duration** annually

Purpose Lake association collects water samples annually.

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Project Design Sample Collection Methods

CorePro Jr Sampler

Obtain Plan Citation for Plan:

Lauren Klement
LeSueur County Environmental Services
88 South Park Avenue
507-357-8540
lklements@co.le-sueur.mn.us

Assigned Stations

Station ID	Station Name
40-0057	FRANCES

Project LF_TURB Little Fork River Turbidity and Sediment Study

Start Date 04/01/2004 **Planned Duration** 10-31-2004

Purpose Problem Investigation-The Little Fork River has exceeded the turbidity standard (25 NTUs) four times of the last 18 samples. This investigation will seek to determine if these exceedances were transient or represent a chronic condition. The study will examine the entire mainstem to determine the special extent, causes and potential sources of loads. This study will better focus our efforts if a TMDL is indicated.

Study Area Statewide

Assigned Stations

Station ID	Station Name
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S001-150	BEAR R AT CSAH-1, 4 MI E OF LINDFORD
S002-551	LITTLE FORK R AT MN-65, 1.75 MI SW OF SILVERDALE, MN
S002-552	LITTLE FORK R AT MN-65 BR, 13.25 MI. SE OF LITTLEFORK, MN
S002-553	LITTLE FORK R AT MN-73, .33 MI S OF LINDEN GROVE, MN
S002-554	LITTLE FORK R. AT US-53, .5 MI NW OF COOK, MN
S002-555	LITTLE FORK R. AT CR 420, 6.5 MI. E OF COOK, MN
S002-556	LITTLE FORK R. AT MN-217 AT LITTLE FORK, MN
S002-856	BIG FORK AT STURGEON LNDG, 5 MI W OF BIG FALLS
S002-860	BIG FORK R AT CR31 IN WIRT
S003-997	FLINT CR AT MN-1, 5 MILES W OF COOK, MN
S003-998	NETT LK R, .05 MI E OF CSAH 8, 13.5 MI S OF LITTLEFORK, MN
S003-999	BEAVER BK AT MN-217, 2 MI E OF LITTLEFORK, MN
S004-000	BIG FK R AT BIG FK AVE, .3 MI N OF BIG FALLS, MN
S004-001	STURGEON R, .1 MI S OF CSAH 65 AND 13 MI N OF CHISHOLM, MN
S004-002	BOWERMAN BK AT MN-6, 8 MI NW OF EFFIE, MN
S004-812	VALLEY R AT CR-57, 3 MI W OF RAUCH
S004-813	RICE R AT US-53, 3 MI S OF COOK
S004-814	WILLOW R AT CSAH-75 (AKA GREANEY RD), 1 MI S OF GREANEY
S004-815	CROSS R AT CR-73, 5 MI S OF LITTLEFORK

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project LISTSTAT Special Studies to Confirm Impaired Waters Listing Status

Start Date 01/01/2004 **Planned Duration** Ongoing

Purpose This project is used to identify monitoring efforts designed to assist in de-listing or to fill gaps in the data set available for a listing assessment on a particular waterbody.

Study Area Pomme de Terre River station S000-195 was sampled in 2004 for dissolved oxygen for de-listing considerations. Pam Meyer (student intern) collected the samples under the direction of Wade Gillingham (MPCA Marshall office) in consultation with Carol Sinden (MPCA St. Paul office). (entered 10-11-2004-JO)

Judicial Ditch #6 station S002-867 is a site located at the outlet of Lake Okabena. This site was listed on the Impaired Waters List in 2002. A turbidity and transparency reading will be collected weekly from May 1 to September 30, 2007, and reviewed annually. This is dependent on flowing water conditions. A bridge to water measurement and/or staff gage reading will track water levels. The goal is to collect additional data to be used in a future TMDL project. This data will be used in MPCA assessments and reported to EPA. (entered 5-17-2007-JG)

Project Design S002-867 Field Procedure Information:
Turbidity and transparency readings will be collected weekly from May-September at the Lake Okabena outlet. The time, date, readings, water levels, and MPCA Appearance Rankings will be used. Data will be submitted to MPCA at the end of the season (by December 1st).

S002-867 Sample Collection Method and Gear:
Grab

S002-867 Field Measurements:
Turbidity, Transparency with T-Tube

S002-867 Turbidimeter Make and Model:
Aqualytic DRT 15 CE Turbidity Meter
May 17, 2007

Assigned Stations

Station ID	Station Name
S000-146	MINNESOTA R BRIDGE ON MN-40, 3 MI WEST OF MILAN
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S002-867	JD #6, LK OKABENA OUTFLOW DS OF CULVERT, WORTHINGTON

Project LKPEPIN Lake Pepin TMDL

Start Date 01/01/2006 **Planned Duration** Long Term

Purpose Sampling done in support of Lake Pepin TMDL

Project manager was changed to Tiffany Schauls, Rochester Office on 6/14/07

Obtain Plan Steven Heiskary
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155
(651) 296-7217
steven.heiskary@pca.state.mn.us

Assigned Stations

Station ID	Station Name
19-0005-01	SPRING (L&D 2 POOL)
19-0005-04	BALDWIN (L&D2 POOL)

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-068	MISSISSIPPI RIVER AT LOCK AND DAM #2 AT HASTINGS
S000-339	MISSISSIPPI R SHIELY CO. DOCK, GREY CLOUD ISLAND
S004-453	WELLS CK AT FLORENCE RD, 1.5 MI SW OF FRONTENAC
S004-511	LITTLE CANNON R AT CSAH-9 AT SOGN
S004-512	LITTLE CANNON R AT CSAH-24, 3 MI SW OF CANNON FALLS

Project	LKWINONA	Lake Winona TMDL - Lakes Winona, Henry, Agnes
Start Date	06/16/2008	Planned Duration 1 year
Purpose	Problem investigation for TMDL development.	
Study Area	North Lake Winona (21-0081, Site 6201) South Lake Winona (21-0081, Site 6202) Lake Agnes (21-0053, Site 6201) Lake Henry (21-0051, Site 6201) 6th Ave Outfall - S005-481 8th Ave Outfall - S005-482 10th Ave Outfall - S005-483 Willow/Lakota Drive Outfall - S005-484 21-0081 Lake Winona Sediment Sites SED1 (Site 6202) SED2 (Site 6205) SED3 (Site 6203) SED4 (Site 6204) SED5 (Site 6201) SED6 (Site 6206)	
Project Design	Sample Medium: Water Column Lab: MN Valley Testing Lab, New Ulm Sample Collection Method(s) and Gear(s): grab with Kemmerer bottle Field Measurements - Methods and Instrumentation: pH, spec. cond, temperature, DO with Hydrolab Minisonde 4a	
Obtain Plan	Roger Clay Earth Tech 3033 Campus Drive North, Suite 290 Minneapolis, MN 55441 (763) 551-1001 roger.clay@earthtech.com MPCA Project Manager: Jim Courneya Minnesota Pollution Control Agency Detroit Lakes Office 714 Lake Avenue, Suite 220 Detroit Lakes, MN 56501 (218) 846-0735 jim.courneya@pca.state.mn.us	

Assigned Stations

Station ID	Station Name
21-0051	HENRY
21-0053	AGNES
21-0081	WINONA

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S005-481	SIXTH AVE STORM WATER OUTFALL TO LAKE WINONA AT ALEXANDRIA
S005-482	EIGHTH AVE STORM WATER OUTFALL TO LAKE WINONA AT ALEXANDRIA
S005-483	TENTH AVE STORM WATER OUTFALL TO LAKE WINONA AT ALEXANDRIA
S005-484	WILLOW/LAKOTA DR STORM WATER OUTFALL TO LK WINONA ALEXANDRIA

Project LLPOA34 Long Lake Property Owners Association - Kandiyohi County

Start Date 01/01/1967 **Planned Duration** Long-term
Purpose Monitoring

Assigned Stations

Station ID	Station Name
34-0192	LONG

Project LMISS_FC Lower Miss Reg Fecal Coliform TMDL-So. Zumbro Bacteria Monit

Start Date 01/01/1967 **Planned Duration** Long-term
Purpose Lower Miss Fecal TMDL Monitoring and South Zumbro Rochester Bacteria Monitoring
Study Area Southeastern Minnesota

Assigned Stations

Station ID	Station Name
55-0003	SILVER
S000-334	S FK ZUMBRO R ON USH-63 AT ROCHESTER
S000-816	ZUMBRO RIVER ON CSAH-30 AT KELLOGG
S000-818	ZUMBRO RIVER ON CSAH-2 AT MILLVILLE
S000-819	ZUMBRO RIVER ON USH-63 .4 MI SOUTH ZUMBRO FALLS
S001-481	ZUMBRO R, M. FK., S. BR. 1 1/4 MI W OF MANTORVILLE, MN
S001-905	ZUMBRO RIVER AT DNR CANOE ACCESS, .5 MI SE OF THEILMAN
S002-032	S FK ZUMBRO R AT CENTER STREET IN EAST ROCHESTER
S002-033	S FK ZUMBRO R AT 16TH STREET IN SW ROCHESTER
S003-576	S BR ROOT R AT OLD BARN RESORT, 3 MI SW OF LANESBORO
S003-577	ROOT R AT MN-250 BRG, 1.5 MI N OF LANESBORO
S003-578	ROOT R AT MN-16, SAMPLING DONE AT CANOE ACCESS

Project LNGISNTI Long Lake Improvement District-Isanti Cty-Lake Improvement

Start Date 04/01/2007 **Planned Duration** Long-term
Purpose Improve water quality, establish baseline for Long Lake, Isanti County, 30-0072

Project Design Sample Collection Methods: Weighted container sealed to 2 foot depth.

Field Measurements: Water temp using boat sensor

Laboratory Name:

Instrumental Research, Inc.

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project Design 7800 Main St. NE
Fridley, MN 55432
763-571-3698

Obtain Plan Citation for Plan:

John Laciskey
Long Lake Improvement District
27087 Bayshore Drive
Isanti, MN 55040
763-444-6479
johnlacis@msn.com

Assigned Stations

Station ID	Station Name
30-0072	LONG

Project LOADSTDY Major Watershed Pollutant Load Monitoring Network

Start Date 04/01/2007 **Planned Duration** Long term

Purpose Major Watershed Load Studies: The purpose of the project is to meet the information goal of determining status and trends (temporal and spatial) in nutrient and sediment loads carried by streams in the state. Basin planners and resource management partners at all levels will use river nutrient and sediment loads at the mouths of the 81 DNR major watersheds (8 digit USGS HUCs), in order to develop goals for long-term management of the UMR tributaries and segments. Trends among these locations over 5 year time segments support planning to focus attention on successful or failed management practices in sub-regional areas. The monitoring goal of this effort is to monitor stream flow and water quality at the mouths of the DNR major watersheds.

Study Area Statewide

Project Design Sample Collection Methods: Bucket on bridge.

Field Measurements: t-tube, YSI: (DO, pH, cond., temp)

Turbidimeter Make and Model: done in lab

Gage Type: USGS

Probe Make and Model: new YSI

Obtain Plan Citation for Plan:

Pat Baskfield
Minnesota Pollution Control Agency
Mankato Regional Office
1230 South Victory Drive
Mankato, MN 56001
(507) 389-1648
pat.baskfield@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-001	CEDAR RIVER 1.5 MI S OF AUSTIN
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-020	ST CROIX R. AT TAYLORS FALLS

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-026	MISSISSIPPI R AT 9TH AVE BRG (OLD MN-15) AT SAUK RAPIDS
S000-056	ST. CROIX R AT MN-48 BR, 3.5 MI W OF DANBURY, WI
S000-059	CEDAR RIVER 2.5 MI. W. OF LYLE
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONSVILLE
S000-088	NINE MILE CREEK IN BLOOMINGTON
S000-096	MISSISSIPPI R. BY WINONA
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-108	KAWISHIWI RIVER BR ON MN-1 AT DAM 8 MI SE OF ELY
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-128	SNAKE R. AT MOUTH E OF PINE CITY
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-150	MISSISSIPPI R CSAH-26 BRIDGE, 3 MI W OF ROYALTON
S000-178	UPPER IOWA R. NEAR GRANGER
S000-181	PINE RIVER CSAH-11,N. OF CROSBY
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S000-250	BAPTISM RIVER AT US-61 BRIDG AT TETTEGOUCHE PARK
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S000-553	BOIS DE SIOUX R ON CSAH-6 5.1 MI SW OF DORAN
S000-646	MAIN DITCH ON MN-23 AT PIPESTONE
S000-680	MUSTINKA R AT BR CO RD 76 0.5 MI W OF WHEATON
S000-690	ROCK R AT CHICAGO & NW RR IN S11 AT LUVERNE
S000-781	MINNESOTA R.,CSAH-13 BY WATSON
S000-816	ZUMBRO RIVER ON CSAH-30 AT KELLOGG
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S001-085	WELCOME CK AT RD IN S36/NEQ 1 MI S OF KEEWATIN
S001-128	LOST R AT CR-131, 2 MI W OF OKLEE
S001-153	LEAF RIVER AT CSAH-26, 8 MILES NE OF ALDRICH
S001-255	SF CROW R, BR AT BRIDGE AVE IN DELANO
S001-326	CROW WING R AT BR ON CR-12 AT NIMROD
S001-359	ROCK RIVER AT CSAH 16 BR 2 MI S OF LUVERNE, MN
S001-679	REDWOOD R AT CSAH-17, 3 MILES SW OF REDWOOD FALLS
S001-742	WHITEWATER R AT CSAH 30, 4.5 MI N OF ELBA, MN
S001-756	SUCKER RIVER AT ST. LOUIS CTY RD 290, 7 MILES N OF DULUTH, M
S001-767	WHITEWATER R AT RAILROAD BRG AT MOUTH, .5 MI SE OF WEAVER
S001-918	COTTONWOOD R NEAR MN-68 AND COTTONWOOD ST IN NEW ULM. MN
S001-925	LEECH LAKE R AT CR-139 AT MUD LK DAM, 8.5 MI SW OF DEER R

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
S001-926	CROW WING R AT CSAH 36 AT SYLVAN DAM, 9 MI SW OF BRAINERD
S001-930	PLATTE R AT CR-40 BRG, 2 MI S OF ROYALTON
S001-931	RED EYE R AT CSAH 29 BRG, 7 MI N OF STAPLES
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-097	RED RIVER OF THE NORTH AT CR-26, 7 MI N OF FARGO/MOORHEAD
S002-099	SAND HILL R AT US-75 ON NORTH END OF CLIMAX
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-125	BUFFALO R AT CR-108, 2 MI SE OF GEORGETOWN
S002-127	MARSH R AT CR-113, 1 MI SE OF SHELLY
S002-316	YELLOW MED R, 1 1/3 MI NO CSAH-18, 5 1/4 MI NE HANLEY FALLS
S002-556	LITTLE FORK R. AT MN-217 AT LITTLE FORK, MN
S002-956	NOKASSIPPI R AT CSAH 2, 3 MI NE OF FORT RIPLEY, MN
S002-957	MISSISSIPPI R AT W COLLEGE DR S IN BRAINERD, MN
S003-087	LAC QUI PARLE R AT CTY HWY 31 1 MI SW OF LAC QUI PARLE, MN
S003-091	YELLOW BANK R AT CSAH-40 2.5 MI SW OF ODESSA, MN
S003-557	STRAIGHT R AT 227 ST E, 2.8 MI SE OF FARIBAULT, MN
S004-000	BIG FK R AT BIG FK AVE, .3 MI N OF BIG FALLS, MN
S004-032	SUNRISE R AT CR-88 IN SUNRISE, MN
S004-084	TILE MAIN OUTLET, N OF CR-183, 4.5 MI NW OF SHERBURN
S004-359	DES MOINES R, W OF RIVER ST, 100 YDS DS OF DAM, AT JACKSON
S004-384	ZUMBRO R AT US-61 IN KELLOGG
S004-528	SPLIT ROCK CK ON 201ST ST, 5 1/2 MI SW OF JASPER
S004-649	MN R 500 FT S CSAH-13 NEAR USGS GAGE HOUSE DWNST OF SOOO-781
S004-820	ROOT R AT MN-76, .4 MI NO OF HOUSTON
S004-858	ROOT R AT CSAH-25, JUST S OF MOUND PRAIRIE
S004-859	WELLS CK AT US-61, 1 MI SE OF FRONTENAC
S005-088	VERMILLION R AT FR-491, 3.5 MI W OF CRANE LK
S005-089	ST. LOUIS R AT CSAH-61 BRG, JUST E OF SCANLON
S005-115	NEMADJI R AT WI CR-C, 6 MI S OF SUPERIOR, WI
S005-117	SHELL ROCK R AT CR-84, 3 1/4 MI SE OF ALBERT LEA
S005-147	CLOQUET R AT CR-694, .5 MI SE OF BURNETT

Project LOCK&DAM US Army Corps of Engineers Lock & Dam Water Transparency

Start Date 01/01/2006 **Planned Duration** Ongoing

Purpose To monitor water transparency in the dam pools at the locks.

Assigned Stations

Station ID	Station Name
S000-094	MISSISSIPPI R. @ LOCK & DAM #8 RENO,MN/GENOA,WI

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-132	MISSISSIPPI R LOCK & DAM #3, 5 MI NW OF RED WING
S000-287	MISSISSIPPI R LOCK & DAM #5 3 MI SE OF MINNEISKA
S004-276	MISSISSIPPI R LOCK & DAM #1 IN MINNEAPOLIS

Project LOGANCK Logan Creek Subwatershed Project

Start Date 01/01/1999 **Planned Duration** 5 years-2005

Purpose Condition and effectiveness monitoring, project involves promoting and implementing BMPs and measuring/estimating changes in land and water parameters.

Study Area Whitewater River Watershed

Assigned Stations

Station ID	Station Name
S002-545	LOGAN BR N FK WHITEWATER R AT MOUTH, 5 MI SE OF PLAINVIEW
S002-546	LOGAN BR N FK WHITEWATER R AT CSAH 2, 6 MI S OF PLAINVIEW

Project LONGLAKE Long Lake Association of Grove City

Start Date 06/01/1998 **Planned Duration** 09-01-2002

Purpose Condition

Project Design Sample Collection Methods:
Integrated sampler

Obtain Plan Citation for Plan:
Steve Heiskary
MPCA
520 Lafayette Road
St. Paul, MN 55155
651/296-7217
steven.heiskary@pca.state.mn.us

Assigned Stations

Station ID	Station Name
47-0177	LONG
S004-090	CD 26 AT 545TH AVENUE, 3 MILES SOUTH OF GROVE CITY, MN.
S004-210	HOPE LK OUTLET AT CSAH-23, 4.5 MI SSE OF GROVE CITY

Project LONGP Long Prairie River TMDL-319 Non-Point Implementation Project

Start Date 04/20/2006 **Planned Duration** 06-20-2009

Purpose LONG PRAIRIE RIVER TMDL-319 NON-POINT IMPLEMENTATION PROJECT. IMPLEMENTATION OF TMDL LOADING RECOMMENDATIONS. DATA ALSO SUBMITTED THROUGH THE LONG PRAIRIE RIVER CWP PROJECT.
Part of the Long Prairie River - Todd SWCD STORET Program.

Study Area STATEWIDE

Project Design GRAB SAMPLES AT MID STREAM, USING VAN DORN SAMPLER.

Project Summary

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Project Design PH, SPEC. COND, TEMP, AND DO WITH YSI. BRIDGE DOWN MEASUREMENTS TO WATER LEVEL.

Obtain Plan TODD SWCD
607 9TH ST NE
LONG PRAIRIE, MN 56347

Assigned Stations

Station ID	Station Name
S000-283	LONG PRAIRIE R.W OF LONG PRAIRIE
S002-899	LONG PRAIRIE R ON BR AT CR 69, 10 MI NW OF LONG PRAIRIE, MN
S002-900	LONG PRAIRIE R ON BR AT CR 65, .25 MI N OF PHILBROOK, MN
S002-901	TURTLE CK ON BR AT OAK RIDGE RD, 8 MI NE OF BROWERVILLE, MN
S002-902	EAGLE CR ON BRG AT CSAH 21, .5 MI N OF BROWERVILLE, MN
S002-903	MORAN CR ON BR AT 255TH AVE, 8 MI SW OF STAPLES, MN
S002-904	LONG PRAIRIE R ON BR AT RIVERSIDE DR, NW LONG PRAIRIE, MN
S002-905	LONG PR R ON BR AT MILTONA CARLOS RD, 4.5 MI S OF MILTONA
S002-906	LONG PRAIRIE R ON BR AT CR 90, 2.25 MI SE OF BROWERVILLE, MN
S002-907	SPRUCE CR AT SPRUCE HILL PK RD, 3 MI NNW OF BELL RIVER, MN
S002-908	DISMAL CR AT CULVERT ON CSAH 38, 9.5 MI SE OF MILTONA, MN
S002-909	LONG PRAIRIE R ON BR AT CR 65, 2.5 MI SE OF MILTONA, MN
S002-910	LONG PRAIRIE R ON BR AT CSAH 14, .5 MI E OF BROWERVILLE, MN
S002-911	LONG PRAIRIE R ON BR AT OAK RIDGE RD, 8.25 MI NE OF CLARISSA
S004-071	EAGLE CR ON 175TH AVE, 1.9 MI SW OF EAGLE BEND, MN
S004-072	MORAN CR ON 464TH ST, 5 MI SW OF STAPLES, MN
S004-286	LONG PRAIRIE R ON CSAH 3, .75 MI N OF BELLE RIVER, MN

Project LONGSPRG Long and Spring Lakes Restoration Project (Phase I)

Start Date 10/01/1993 **Planned Duration** 06-01-1999

Purpose Problem investigation. This was a Phase I Clean Lakes Program study. This Phase I study followed an MPCA Lake Assessment Program study conducted in 1992. Department of Agriculture conducted a study in the SS-6 watershed, mid 90's.

Assigned Stations

Station ID	Station Name
47-0026	LONG
47-0032	SPRING
S000-951	TRIB TO SPRING L AT RD BTN S22/27 NEAR DASSEL
S003-238	SPRING LK INLET, SS OUTLET, E OF CSAH-4, N OF DASSEL
S003-239	SPRING LK INLET, SS OUTLET, E OF LAKE ST AT DASSEL
S003-240	SPRING LK INLET, SS OUTLET, W OF MAPLE ST AT DASSEL
S003-241	SPRING LK INLET, SS OUTLET AT MAPLE ST CULVERT AT DASSEL

Project Summary

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Station ID	Station Name
S003-242	SPRING LK INLET, SS OUTLET AT PLEASANT ST CULVERT AT DASSEL
S003-243	SPRING LK INLET, SS OUTLET, N OF US-12 AT DASSEL
S003-244	SPRING LK INLET, SS OUTLET, W OF SS-6, N OF US-12 AT DASSEL
S003-245	SPRING LK INLET, SS OUTLET, N OF US-12 AT DASSEL
S004-451	UNN STR (SPRING L OUTLET) AT 735TH AVE, 1 MI W OF DASSEL

Project LONGVOC VOCs in Long Lake, Ramsey County

Start Date 11/25/2002 **Planned Duration** 2005 swimseason

Purpose Problem investigation: follow-up of trichlorethene detection in Long Lake, Ramsey County by a local citizen, April 2002.

Study Area Ramsey County

Assigned Stations

Station ID	Station Name
62-0067	LONG

Project LONG_ICO Long Lake (Isanti County) Water Quality CWP Project

Start Date 04/08/1997 **Planned Duration** 04-07-2001

Purpose The purpose of this effort was to examine the utility of relatively inexpensive sediment sampling techniques and to assess whether there may be better (simpler and less expensive) sampling and basic laboratory analysis to aid in identifying the magnitude of phosphorus loading potential.

Study Area Long Lake 30-0072, and its associated inlets and outlets.

Project Design

The surface sediments of Long Lake (Isanti County 30-0072), Faille and Clifford Lakes (upstream of Lake Osakis in Stearns and Todd Counties), Lake Irving (40-0140) immediately upstream of Lake Bemidji; and lake Margaret (the upstream lake of Gull Lake, 11-0222) were sampled by boat during June 1997. Approximately 2-6 samples were spatially distributed throughout each lake so as to encompass different deposition areas within the entire basin and bays. Sampling was conducted by boat using a modified Hongve design (e.g. PVC bomb sampler) surface sediment sampler (Wiegner, 1995) with an inside diameter of 2.5 cm. Samples were generally obtained to a depth of about 10 to 12 cm. Overlying water was decanted from each sample by inverting the sampler and draining. Samples were then discharged and homogenized into analytical polyethylene sample bottles after each sample was obtained. Containers were then iced and immediately transported to the Minnesota Department of Health Laboratory and refrigerated until analyzed.

All samples were analyzed for percent moisture, sediment (#261), sulfate, sediment (#289), phosphorus, sediment (#262), total aluminum, sediment (#103), total iron, sediment (#155). Additionally, samples from Faille and Clifford Lakes were analyzed for percent volatiles (#203). Digestion process #206 was used prior to each of the above analyses.

Obtain Plan Schuler Environmental Engineering. "Long Lake Clean Water Partnership 1997-1998 Diagnostic Results." Prepared for the Isanti County Board of Commissioners.

Assigned Stations

Station ID	Station Name
30-0072	LONG
S003-508	OUTLET TO GERMAN LAKE AT 285TH AVE NW, 6 M W OF ISANTI, MN
S003-509	UNN TRIB TO LONG L AT CSAH-47, 5.6 MI WNW OF ISANTI, MN

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Station ID	Station Name
S003-510	INLET TO LONG L AT LILY ST NW, 4.7 MI WNW OF ISANTI, MN
S003-511	INLET TO LONG L AT LILY ST NW, 4.6 MI W OF ISANTI, MN
S003-512	INLET TO LONG L AT SULL.WD.TRL.NW, 5.3 MI SW ISANTI, MN
S003-513	OUTLET TO LONG L AT LAKEWOOD DR, 4.9 MI SW OF ISANTI, MN

Project LOW Lake of the Woods Pre-TMDL

Start Date 09/19/2008 **Planned Duration** 12/31/2016

Purpose Problem investigation - nutrients, microbiology, general chemistry, pre-TMDL study.
Funding Type: CWLA - Pre-TMDL

Study Area Lake of the Woods - Traverse Bay

Project Design Lab: MN Dept of Health

Obtain Plan MPCA Project Manager:
Cary Hernandez
Minnesota Pollution Control Agency
Detroit Lakes Office
714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-8124
cary.hernandez@pca.state.mn.us

Project LQPARLE Lac Qui Parle and Yellow Bank DO TMDL Project

Start Date 02/13/2001 **Planned Duration** 10-01-2007

Purpose A cooperative partnership partially funded through a Clean Water Partnership Grant from the Minnesota Pollution Control Agency. Assessment of the watershed through water quality monitoring & land use analysis. Major components include water quality monitoring, a citizen monitoring network and education/information components.
The project ID changed from CWP_LQP to LQPARLE as of 7/21/2004.
July 20, 2005 - Problem investigation--dissolved oxygen survey. Plan is to do a longitudinal survey twice along the river this season once flows get lower. Phase II of this study runs from July 2005 to October 2007.

Study Area One of the 13 major tributaries of the Minnesota River. Drains an area of approximately 1,712 square miles. 976 square miles in Minnesota and 736 miles in South Dakota. Lac qui Parle basin covers 1,068 square miles or 683,400 acres in MN & SD. Yellow Bank basin covers approximately 644 square miles or 287,130 acres in MN & SD. Situated in the Northern Glaciated Plains Ecoregions.

Obtain Plan The principal investigator for the project is:

Mary Homan
Lac qui Parle-Yellow Bank
Clean Water Partnership Coordinator
600 6th Street
Madison, MN 56256
320-598-3319 - voice
320-598-3125 - fax
mary.homan@lqpc.com

MPCA Project Manager:
Katherine Pekarek-Scott
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258

Project Summary

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Obtain Plan (507) 476-4267
katherine.pekarek-scott@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S001-112	LAC QUI PARLE R AT PRIV RD (NO. OF US-212) S15 1 MI E DAWSON
S001-113	LAC QUI PARLE R (AKA S BR) AT RR BRIDGE 1 MI SE OF DAWSON
S001-114	W BR LAC QUI PARLE R AT PRIV RD S22 E OF DAWSON
S001-841	CO. DT NO. 4, AT CR-20 & 27 CROSS, 4 MI W OF LAC QUI PARLE
S002-063	W BR LAC QUI PARLE R AT US-75 BRG, 5 MI S OF MADISON
S002-065	W BR LAC QUI PARLE R AT WALKING BRG IN DAWSON
S003-074	LAZARUS CK AT US HWY 75 8 MILES N OF CANBY, MN
S003-075	TEN MILE CK AT CR 18 10 MI NE OF DAWSON, MN
S003-079	LAC QUI PARLE R AT CTY RD 23 2.5 MI S OF DAWSON
S003-081	COBB CK AT MN HWY 22 3 MI S OF GARY, SD
S003-083	N FK YELLOW BANK R AT CTY HWY 7 10 MI N OF MARRIETTA, MN
S003-084	S BR LAC QUI PARLE R AT MN HWY 68 2 MI SE OF CANBY, MN
S003-085	S BR LAC QUI PARLE R AT MN HWY 67 7.5 MI NE OF CANBY, MN
S003-086	W BR LAC QUI PARLE R AT US HWY 212 12.5 MI SW OF MADISON, MN
S003-087	LAC QUI PARLE R AT CTY HWY 31 1 MI SW OF LAC QUI PARLE, MN
S003-088	FLORIDA CK AT US HWY 212 11 MI SW OF MADISON, MN
S003-089	W BR LAC QUI PARLE RI ON EAST DIAGONAL ST IN DAWSON, MN
S003-090	S BR YELLOW BANK R AT TWP ROAD 6.25 MI NW OF BELLINGHAM, MN
S003-091	YELLOW BANK R AT CSAH-40 2.5 MI SW OF ODESSA, MN
S003-379	CD #27 ON TOWNSHIP GRVL RD/CSAH-39, 2.75 MI. NO. DAWSON
S003-380	LAC QUI PARLE (UPSTRM AMPI OUTFL) W OF CR-37 1.4 MI E DAWSON
S003-381	JD#4 SO. OF GRAVEL RD (50 FT BLW AG PROC OUTFL) AT DAWSON
S003-672	W BR LAC QUI R 100 FT NO. OF CSAH-10, 0.5 MI S OF DAWSON
S003-673	W BR LAC QUI PARLE R 1/3 MI NO OF CSAH-10, 1 MI SW OF DAWSON
S003-674	W BR LAC QUI PARLE R AT CSAH-21, 3 MI W OF DAWSON
S003-675	LAC QUI PARLE R AT CSAH-27, 5 MI NE OF DAWSON
S003-676	LAC QUI PARLE R AT CSAH-16, 2 MI NE OF DAWSON
S003-701	W BR LAC QUI PARLE R AT CSAH-13, 12 MI W OF DAWSON
S004-550	LAC QUI PARLE R AT CR-63, 3 1/2 MI SW OF DAWSON
S004-551	LAC QUI PARLE R AT CSAH-52, 11 MI NE OF CANBY
S004-552	LAZARUS CK AT 245TH STREET, 8 MI NE OF CANBY
S004-553	LAC QUI PARLE R AT CSAH-3, 4.5 MI E OF CANBY
S004-554	W BR LAC QUI PARLE R OFF RIGHT ANGLE TURN SE 3RD ST, DAWSON
S004-555	W BR LAC QUI PARLE R AT US-212, 5 1/4 MI SO. OF MADISON

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Station ID	Station Name
S004-556	W BR LAC QUI PARLE R AT 201ST ST, 5 1/2 MI SW OF MADISON
S004-557	W BR LAC QUI PARLE R AT CSAH-53, 11 1/2 MI SW OF MADISON

Project LRCR Little Rock Creek TMDL Phase 2, Benton County SWCD

Start Date 05/01/2006 **Planned Duration** 2.5 years

Purpose Stressor identification monitoring.

In 2007 the project was partially funded with CWLA funds.

Study Area Statewide

Project Design Sample collection method: Grab, mid-stream-depth.

Field Measurements: pH, spec cond, temp, DO, turbidity with YSI xxx, transparency with t-tube.

Obtain Plan Roger Fisher has completed a QAPP for the project.

Annie Felix
Benton SWCD
14 2nd Ave West

Annie@soilandwater.org
320-968-5300 ext 3

Assigned Stations

Station ID	Station Name
05-0012	UNNAMED (LITTLE ROCK CHAIN)
05-0013	LITTLE ROCK
S002-447	ZULEGER CR AT CSAH-2. 2.5 MI E OF RICE, MN
S004-061	LITTLE ROCK CR AT CSAH 12, 1 MI NE OF RICE, MN
S004-062	LITTLE ROCK CR AT CR 40, 3.5 MI NE OF RICE, MN.
S004-063	BUNKER HILL CR AT CR 56, 4 MI NE OF RICE, MN
S004-064	SUCKER CR AT SUCKER CR RD, 3.8 MI SE OF RICE, MN
S005-026	LITTLE ROCK CK AT CR-237, 10.6 MI NE OF RICE, MN
S005-028	LITTLE ROCK CK AT 73RD ST, 9.9 MI NE OF RICE, MN
S005-029	UNN STR AT CSAH-53, 6.2 MI N OF RICE, MN
S005-030	BUNKER HILL CK AT MN-25, 8 MI NE OF RICE, MN
S005-031	LITTLE ROCK CK AT CR-234, 7 MI NNE OR RICE, MN
S005-032	UNN STR AT CSAH-21, 4.6 MI N OF RICE, MN

Project LRLK-L Little Rock Lake TMDL

Start Date 06/16/2008 **Planned Duration** 2 Years

Purpose Problem investigation - identify the sources of the excessive nutrient impairment of Little Rock Lake.

Study Area Little Rock Lake

Project Design Laboratory Name: MDH

Field Procedure Information:

Project Summary

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Project Design Sample collection method and gear -
Streams: grab-horizontal sampler.
Lakes: grab-integrated sampler (0-2 meters) and horizontal sampler (2 ft from bottom).

Field measurements-methods and instrumentation - Conductivity, pH, temperature, dissolved oxygen, secchi disk, total depth.

Probe make and model - Sonde 6600

Obtain Plan Title: Little Rock Lake Nutrient TMDL Project
Author: Annie Felix
Publishing organization: Benton Soil and Water Conservation District
Publication year: 2008

Assigned Stations

Station ID	Station Name
05-0013	LITTLE ROCK
S002-447	ZULEGER CR AT CSAH-2. 2.5 MI E OF RICE, MN
S004-061	LITTLE ROCK CR AT CSAH 12, 1 MI NE OF RICE, MN
S004-062	LITTLE ROCK CR AT CR 40, 3.5 MI NE OF RICE, MN.
S004-063	BUNKER HILL CR AT CR 56, 4 MI NE OF RICE, MN
S004-064	SUCKER CR AT SUCKER CR RD, 3.8 MI SE OF RICE, MN
S004-320	MISSISSIPPI R OFF PINE PT RD, 4 MI N OF SARTELL
S005-004	LITTLE ROCK CK AT HARRIS CHANNEL, 4.5 MI NE OF SARTELL, MN

Project LROCKR-S Little Rock River Watershed Impairment Monitoring (SWAG)

Start Date 04/01/2008 **Planned Duration** 1 year

Purpose TMDL Assessment

Study Area Little Rock River (S004-928)

Project Design Sample Medium: water column

Lab: MVTL, New Ulm

Sample Collection Method(s) and Gear(s) - Grab Sample with Bucket

Field Measurements - Methods and Instrumentation - pH, temp, DO, transparency tube, visual observations

Obtain Plan Ed Lenz
Nobles Soil & Water Conservation District
1567 McMillan St, Suite #3
Worthington, MN 56187
(507) 376-9150, Ext. 117
edward.lenz@mn.nacdn.net

MPCA Project Manager:
Lee Engel
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 282-2618
lee.engel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
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Project Summary

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Station ID S004-928 **Station Name** LITTLE ROCK RIVER ON 340TH ST, 8 1/2 MI S OF RUSHMORE

Project LSARAH-L Lake Sarah TMDL

Start Date 04/01/2006 **Planned Duration** 3-4 years

Purpose Lake Sarah TMDL
CWLA funding began 2008

Project Design Sample Collection Methods: Isco GLS automated sampler, flow weighted sample collection.

Laboratory Name:
Three Rivers Park District
12615 County Road 9
Plymouth, MN 55441

Contact Name:
John Barten
763-694-7841
jbarten@threeriversparkdistrict.org

Assigned Stations

Station ID	Station Name
27-0191-01	SARAH (WEST BASIN)
27-0191-02	EAST SARAH (EAST BASIN)
S002-719	DANCE HALL CK AT LK SARAH 2.2 MI NW OF LORETTO
S002-725	LORETTO CK AT CR-11 .8 MI W OF LORETTO
S005-021	UNN STR AT TOWNLINE RD, JUST N OF CSAH-11, W OF LORETTO
S005-022	UNN STR AT GREENFIELD RD, N OF MN-55, 2.5 MI SE OF ROCKFORD
S005-023	SARAH CK (LK SARAH OUTLET) AT CSAH-92, 1 MI SE OF ROCKFORD

Project LSCWMO-S Lower St. Croix Wtshd Mngmt Org., Stream Water Quality Monit

Start Date 04/01/2008 **Planned Duration** 06-30-2010

Purpose The goal of this program is to provide sufficient data to allow assessment by MPCA staff for the following parameters at each stream site: un-ionized ammonia, chloride, turbidity, low dissolved oxygen, pH, temperature and fecal bacteria

Study Area The Lower St. Croix Watershed Management Organization will conduct a comprehensive water quality monitoring program at three perennial streams (Kelle's Coulee, O'Conner's Creek and Trout Brook) within the watershed in order to assess these resources.

Project Design Sample Collection Methods: Grab samples (see details in project folder).

Field Measurements: Each stream will be grab sampled, following protocols within the Volunteer Stream Sampling Guidance. Field measurements will be taken by each volunteer for dissolved oxygen, pH and temperature using an automatic meter (Oakton pH/DO 300 Meter with Probe or equivalent) at the time of the grab sample. Twelve samples will be collected and lab analyzed annually for the following parameters: total ammonia, chloride, nitrate-nitrogen, total phosphorus and total suspended solids. Transparency tubes will be used during each sampling event (12 per year for 2 years) to measure turbidity in the field. In addition, E Coli will be sampled 2 or 3 times per month during the months of June, July and August in 2008 and 2009 to result in 5 samples per month.

Project Summary

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Project Design Turbidimeter make and model: Secchi tube

Probe - make and model: Oakton pH/DO 300 meter with probe or equivalent

Laboratory Information:

Met Council Laboratory
390 Robert St. N
St. Paul, MN 55101

Obtain Plan Citation for Plan:

Clean Water Legacy Act Surface Water Assessment Grants, Project Manager Guidance Document
Author: MPCA
Publishing organization: MPCA
Publication year: 2008
Volume and page number: Vol 1.3

Assigned Stations

Station ID	Station Name
S004-462	UNN STR (KELLES COULEE) AT ST. CROIX TRAIL IN AFTON
S004-982	TROUT BK AT AFTON ST PK MAIN HIKING TRAIL, 2.5 MI S OF AFTON
S004-983	UNN STR (O'CONNOR'S CK) AT 80TH ST, 4.5 MI S OF AFTON

Project LSEDFISH Assess of Chemicals of Potential Concern in MN Lk Sed & Fish

Start Date 06/26/2007 **Planned Duration** 2 years

Purpose The purpose of this project is to determine ambient background concentrations of chemicals of potential concerns (COPCs) and particle size within Minnesota lake sediments and to evaluate whether COPC concentrations vary significantly between lakes of different ecoregions within Minnesota or between lakes of different hydrological regimes. In addition, sediment quality in each lake will be compared to the MPCA's Level I and Level II sediment quality targets, and PAH source inputs will be evaluated using forensic analysis. Three trophic classes of fish collected from 5 of the sampled lakes were analyzed for polybrominated diphenyl ether (PBDE) flame retardants.

Project Design Sample Collection Methods: Sediments were collected using a K-B corer. Fish were collected by gill nets and trap nets.

Field Measurements: No ancillary field measurements were required for this project.

Laboratory Info: Metals in sediment samples were analyzed by MDH; fish tissue were analyzed for PBDEs for AXYS Labs.

Laboratory Name:

AXYS Analytical Services Ltd.
P.O. Box 2219
2045 Mills Road West
Sidney, British Columbia, Canada V8L 3S8
Contact Name: Angie Whetung
250-655-5800
awhetung@axys.com

Obtain Plan Citation for Plan: No project plan available

Project Summary

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Obtain Plan

Assigned Stations

Station ID	Station Name
03-0010	STRAIGHT
03-0029	HUNGRY MAN
03-0242	FLAT
03-0287	PICKEREL
04-0030	CASS
07-0060-01	EAGLE (NORTH)
11-0022	SPRING
11-0102	ISLAND
11-0411	PINE MOUNTAIN
11-0480	LONG
14-0029	UNNAMED (NORTH MAYFIELD)
15-0010	ELK
16-0104	MUSQUASH
16-0204	ASPEN
16-0414	VESPER
16-0643	RICHEY
18-0123	LOOKOUT (CROCKER)
18-0155	CROW WING
18-0308	PELICAN
18-0408	MAYO
21-0054	VICTORIA
21-0080	DARLING
21-0291	RED ROCK
21-0336	FANNY
27-0019	NOKOMIS
31-0266-01	LONG
31-0770	UPPER HATCH
33-0027	SPRING
34-0141	WOODCOCK (W WOODCOCK)
34-0154	NEST
34-0251	NORWAY
38-0472	BECOOSIN
38-0691	AUGUST
40-0002	UPPER SAKATAH
41-0055	NORTH ASH
43-0014	SOUTH
44-0157	ALLEN
46-0051	OKAMANPEEDAN
47-0015	JENNIE
56-0114	WEST LEAF
56-0356	FAIRY
56-0476	MAINE (ROUND)

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Station ID	Station Name
56-0829	PEBBLE
60-0307	UNNAMED
62-0073	SNAIL
69-0005	ALRUSS
69-0129	SPRING
69-0154	ARTHUR
69-0341	LAMB
69-0611	LOST (HORSESHOE)
70-0069	FISH
76-0169	NORTH DRYWOOD
86-0069	LONG
86-0263	COKATO

Project LSR-S Little Sioux River Headwaters & W Br Monitoring Project

Start Date 04/01/2008 **Planned Duration** 2 years

Purpose TMDL Assessment through SWAG

Study Area Statewide

Project Design Lab: MVTL, New Ulm, Minnesota

Sample Collection Method(s) and Gear(s): Grab w/bucket

Field Measurements - Methods and Instrumentation: pH, DO, temp, transparency tube, visual observations w/MPCA protocol

Obtain Plan Brian Nyborg
Jackson SWCD
603 S. Hwy 86
Lakefield, MN 56150
(507) 662-6682, ext. 3
brian.nyborg@mn.nacdn.net

MPCA Project Manager:
Lee Engel
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 282-2618
lee.engel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S004-921	UNN STR TO LITTLE SIOUX R ON 740TH ST, 8 1/2 MI SO LAKEFIELD
S004-922	LITTLE SIOUX R ON 740TH ST, 8 1/2 MI SO OF LAKEFIELD
S004-923	JD #13 (SKUNK CK) ON 710TH ST, 11 1/2 MI SO OF LAKEFIELD
S004-924	LITTLE SIOUX R W FK ON 710TH ST, 11 1/2 MI SO OF LAKEFIELD

Project Summary

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Project LVERM-L L Vermillion R Turbidity TMDL Effectiveness Monitoring Proj

Start Date 05/21/2008 **Planned Duration** 4 years

Purpose Turbidity TMDL Implementation Plan Effectiveness Monitoring

CWLA Funded
Contract #: B14344

Project Design Sample Collection Methods: Grab with pole
Field Measurements: pH, conductivity, temperature with t-tube
Turbidimeter - make and model: FTS DTS-12 automated turbidity probe
Laboratory Name:
Metropolitan Council Environmental Services
2400 Childs Road
St. Paul, MN 55106
Contact Name:
Dave Fuchs
651.602.8115
dave.fuchs@metc.state.mn.us

Assigned Stations

Station ID	Station Name
S003-230	VERMILLION SLOUGH AT COLLISHAN RR BRG, 5 MI NW OF RED WING
S005-324	VERMILLION R JUST OFF BLACKBIRD PATH, 6 MI SE OF HASTINGS

Project LWREDRWM Lower Red River Intensive Water Chemistry Monitoring

Start Date 05/01/2008 **Planned Duration** 2 YEARS

Purpose Condition. Water chemistry sampling will take place at 4 locations throughout the Lower Red River watershed to coincide to biological monitoring at 44 additional sites.

Study Area Statewide

Project Design Lab: RMB Environmental Lab, Detroit Lakes
Sample Collection Method(s) and Gear(s): Grab sample with Van Dorn.
Field Measurements - Methods and Instrumentation: pH, temp, DO, conductivity, turbidity, with YSI Sonde, transparency with T-Tube.
Gage Type: TD
Sample Medium: Water column

Obtain Plan Danni Halvorson
Red River Watershed Management Board
23493 155th Ave NW
Viking, MN 56760
(218) 280-0515
dannihalvorson@wiktel.com
MPCA Project Manager:

Project Summary

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Obtain Plan Jessica Poegel
Minnesota Pollution Control Agency
Brainerd Regional Office
7678 College Road, Suite 105
Baxter, MN 56425
(218) 855-5073
jessica.poegel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S002-100	TAMARAC R AT CSAH-220, 11 MI W OF STEPHEN
S002-359	JOE R AT CSAH-16, 5 MI NE OF ST. VINCENT
S004-875	JD #16 AT COUNTY STATE AID HIGHWAY 23, 6.5 MI SW OF KENNEDY
S004-876	UNN STR (TRIB TO RED RIVER) AT UNN RD, 1.5 MI SW OF MATTSON

Project LWRMAPLE Lower Maple River Watershed CWP Project

Start Date 06/12/2002 **Planned Duration** 06-12-2006

Purpose The Lower Maple River subwatershed of the Le Sueur River Watershed was selected as a priority management area within the Le Sueur River Watershed because the Maple exceeds the 75th percentile for Total Suspended Solids (TSS), Total Phosphorus (TP), Nitrate-Nitrogen and turbidity in comparison to the water quality of minimally impacted streams in the Western Corn Belt Plains Ecoregion based on findings in the 1996 Phase I diagnostic study. In addition, the Le Sueur River is a TMDL beginning at the mouth of the Maple River. Water quality monitoring needs to be done in order to track the water quality and quantity changes.

2008: Project Manager changed from Bill Thompson to Paul Davis.

Study Area LS1 (Maple River at bridge on Blue Earth County Road 35 in section 13 of Rapidan Township)

Project Design Grab sample with bucket; transparency with t-tube.

Assigned Stations

Station ID	Station Name
S002-427	MAPLE R AT CSAH 35 5.2 MI S OF MANKATO, MN
S002-428	WILLOW CK AT UNN RD .3 MI S OF MN-30 1 MI SW OF WILLOW CK MN
S002-429	VERMILLION R AT CSAH-47, 1 MI SW HASTINGS, MN
S004-101	MAPLE R AT CSAH-18, 2 MILES NORTH OF STERLING CENTER

Project LWRSAUK Lower Sauk Diagnostic Study Project (#A75087)

Start Date 01/01/2005 **Planned Duration** one year

Purpose This project focuses on the lower 20-mile portion of the Sauk River. This portion of the river is listed as impaired for fecal coliform.

Funding 2008 - data collection is funded with CWLA grant.

Study Area Mill Creek (S000-444)
SR4 (S000-503)
Cold Spring (S003-286)
Lower Sauk River
Update 2007: Sauk River

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Project Design Sample Collection Method(s) and Gear(s): Streams: Grab samples in streams using Van Doren Sampler. Transparency done using a Transparency tube. DO and temp collected with YSI Muliparameter sonde.

Field Measurements: For streams: total phosphorus, ortho-phosphorus, total suspended solids, dissolved oxygen, ammonia nitrogen, chloride, temperature, turbidity, depth, sulfate, N+N, Total Kjeldahl Nitrogen, and e. coli.

Obtain Plan Amy Trisko and Julie Klocker
524 4th St. S.
Sauk Centre, MN 56378
amy@srwdmn.org
320-352-2231

Assigned Stations

Station ID	Station Name
73-0037	PEARL
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-360	SAUK R AT CR-121 2 MI SE OF ST JOSEPH
S000-361	SAUK RIVER AT CO RD 139 IN ROCKVILLE
S000-444	MILL CK AT MN-23 IN ROCKVILLE
S000-503	SAUK R AT CSAH-4 IN ST CLOUD
S003-017	MISSISSIPPI RIVER AT CAMDEN BOAT LAUNCH
S003-286	SAUK R AT CSAH 2, 0.4 M S OF COLD SPRINGS, MINNESOTA
S003-880	UNN TRIB TO MILL CK AT 230TH ST, 1.0 MI S OF ROCKVILLE, MN
S003-881	MILL CK AT END OF MILL ST, 0.4 MI S OF ROCKVILLE, MN
S003-882	MILL CK AT 230TH ST, 1.2 MI SSE OF ROCKVILLE, MN
S004-163	MILL CK (PEARK L INLET) AT CR-141, 6.5 MI SE OF COLD SPRING
S004-164	MILL CK (PEARK L OUTLET) AT CR-146, 7 MI SE OF COLD SPRING
S004-621	SAUK R AT WAITE PK USGS STATION IN ST. CLOUD, MN

Project MANG_LK Manganika Lake

Start Date 05/01/2004 **Planned Duration** LONG TERM

Purpose Sampling is coordinated by the City of Mountain Iron. The sampling was conducted by the city for the lake to be considered for 303d listing.

Study Area STATEWIDE

Assigned Stations

Station ID	Station Name
69-0726	MANGANIKA

Project MARGARET Lake Margaret Watershed CWP Project

Start Date 04/11/1997 **Planned Duration** Four years

Purpose The City of Lake Shore

Assigned Stations

Station ID	Station Name
11-0222	MARGARET

Project MC-EAST Marshall County LWMP East

Project Summary

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Minnesota Pollution Control Agency

Start Date 01/01/2001 **Planned Duration** Ongoing
Purpose Condition Monitoring

Study Area Statewide

Project Design Sample Collection Method/Gear: Grab with Van Doren Sampler.
Field Measurements - pH, DO, temp, cond., TDS, turbidity, stage
Turbidimeter Make and Model: 2100 Hach

Obtain Plan Jan Kaspari
Marshall County Water and Land Office
208 E. Colvin Avenue, Suite 3
Warren, MN 56762
jan.kaspari@co.marshall.mn.us

Assigned Stations

Station ID	Station Name
S002-078	MUD R, ON MN-89 BRIDGE, 6 MI NW OF GRYGLA
S002-084	THIEF R ON CSAH-49 BRG, 10 MI NE OF MIDDLE RIVER
S002-088	THIEF R ON CSAH-7 BRG IN AGASSIZ NWR, 6 MI E OF HOLT
S002-089	MOOSE R ON MN-89 BRG, 16 MI NW OF GRYGLA
S002-977	MUD R AT CSAH-54 IN GRYGLA
S004-211	CULVERT ON MOOSE R (JD-21) ON CSAH-54, 10.5 MI NO OF GRYGLA
S004-212	MUD R (JD-11) AT 390TH AVE NE BRG XING, .5 MI W OF GRYGLA

Project MC-WEST Marshall County LWMP West

Start Date 01/01/1998 **Planned Duration** Ongoing
Purpose Condition Monitoring

Study Area Statewide

Project Design Sample Collection Method and Gear: Grab with Van Doren Sampler.

Field Measurements - Methods and Instrumentation:
Years 1998-2000: pH, DO, temp, cond., TDS, stage
Years 2004-2006: pH, DO, temp, cond, TDS, turbidity, stage (2006 used YSI Sonde for pH, cond., and DO, Turbidity Meter for TDS and Turbidity and Transparency Tube.

Turbidity Meter Make and Model: 2100P Hach

Obtain Plan Jan Kaspari
Marshall County Water and Land Office
208 E. Colvin Avenue, Suite 3
Warren, MN 56762
jan.kaspari@co.marshall.mn.us

Assigned Stations

Station ID	Station Name
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-697	MIDDLE R AT CSAH-10 8.5 MI NW OF ARGYLE
S000-700	MIDDLE R AT CSAH-4 AT ARGYLE
S002-987	MIDDLE R AT CSAH-28 ON WEST EDGE OF NEWFOLDEN
S002-989	MIDDLE R AT CSAH-39, 11 MI W OF NEWFOLDEN
S002-994	SNAKE R AT 210TH ST NW IN BOXVILLE TWP, 2.5 MI SW OF

Project Summary

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Station ID	Station Name
S003-691	WARREN
S003-692	MIDDLE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S004-142	SNAKE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S004-152	SNAKE R AT MN-1 CROSSING IN ALVARADO
S004-213	SNAKE R AT CSAH-14, 5 MI NW OF VIKING
S004-214	SNAKE R ON 285TH AVE NW BRG XING, 5 MI E OF WARREN
S004-215	SNAKE R AT CSAH-21 BRG XING, 5 MI WEST OF WARREN
S004-216	MIDDLE R AT CSAH-34 BRG XING, 6 MI E OF ARGYLE
	SD-90 CULVERT ON CSAH-27, 6 MI NW OF STRANDQUIST

Project MCESCAMP MCES Citizen-Assisted Lake Monitoring Program

Start Date 01/01/1968 **Planned Duration** Long-term

Purpose Citizen-Assisted Lake Monitoring Program (CAMP) volunteers monitor the health of Twin Cities metropolitan area (TCMA) lakes to assist MCES in providing a comprehensive database that allows cities, counties and watershed management organizations to better manage these lakes.

Study Area Twin Cities metropolitan area

Assigned Stations

Station ID	Station Name
02-0004	PELTIER
02-0005	GEORGE WATCH
02-0006	CENTERVILLE
02-0007	MARSHAN (FORSHAM)
02-0009	RESHANAU
02-0022	ISLAND
02-0045	GOLDEN
02-0053	HAM
02-0071	SPRING
02-0072	LADDIE
02-0075-02	MOORE (WEST BAY)
02-0079	UNNAMED (HIGHLAND)
02-0080	SANDY (SULLIVAN)
02-0081	HART
02-0084	CROOKED
02-0585	LOCH NESS
02-0654	UNNAMED (CENAIKO)
10-0002	RILEY
10-0005	COURTHOUSE
10-0006	LOTUS
10-0010	TAMARACK
10-0011	ST. JOE
10-0013	SUSAN
10-0014	HAZELTINE
10-0015	VIRGINIA

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
10-0016	LONG
10-0018	SCHUTZ
10-0019	BAVARIA
10-0028	AUE
10-0029	MILLER
10-0031	GAYSTOCK
10-0041	ZUMBRA-SUNNY
10-0052	REITZ
10-0054	MARSH
10-0058	MARIA
10-0059	WACONIA
10-0063	ASSUMPTION
10-0066	WINKLER
10-0068	MYERS
10-0069	BENTON
10-0070	MUEWISSEN
10-0078	RICE
10-0080	RUTZ
10-0082	SWAN
10-0084	BURANDT
10-0085	UNNAMED (SCHEUBLE)
10-0086	PATTERSON
10-0088	HYDES
10-0089	GOOSE
10-0093	OAK
10-0095	SWEDE
10-0103	BERLINER
10-0104	LIPPERT
10-0105	YOUNG AMERICA
10-0107	BRAUNWORTH
10-0108	TIGER
10-0109	BARNES
10-0110	BRAND
10-0121	EAGLE
10-0127	CAMPBELL
10-0216	MCKNIGHT (OAKRIDGE)
10-0217	JONATHAN
10-0218	GRACE
10-0225	BRICKYARD
10-0226	FIREMAN'S
13-0023	MOODY
13-0042	BIRCH
13-0053	COMFORT
13-0054	LITTLE COMFORT

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
13-0057	SCHOOL
19-0004	ISABELLE
19-0006	BYLLESBY
19-0020	CHUB
19-0021	ALIMAGNET
19-0022	LONG (MOELLER)
19-0023	FARQUAR
19-0024	UNNAMED (WOOD)
19-0025	KELLER
19-0026-01	MARION (EAST BAY)
19-0027	CRYSTAL
19-0028	UNNAMED (TWIN)
19-0029	LEE
19-0030	KINGSLEY
19-0031	ORCHARD
19-0032	HORSESHOE
19-0033	EARLEY
19-0037	UNNAMED (SIMLEY)
19-0041	MARCOTT
19-0047	HORNBEAN
19-0050	SUNFISH
19-0051	HORSESHOE
19-0080	ROGERS
19-0082	LEMAY
19-0095	UNNAMED (SEIDL)
19-0117	UNNAMED (DEGG)
19-0198	UNNAMED
19-0227	UNNAMED (PAGEL PND)
19-0263	UNNAMED (MARCOTT)
19-0348	UNNAMED (VALLEY)
19-0349	UNNAMED (EAST)
19-0360	UNNAMED (GOOSE)
19-0369	UNNAMED (RAVEN)
19-0446	LAC LAVON
19-0449	BLUEBILL BAY
19-0451	SUNSET POND
19-0456	COBBLESTONE
27-0015	BASS
27-0028-01	CORNELIA (NORTH)
27-0029	EDINA
27-0034	CRYSTAL
27-0035-01	SWEENEY-TWIN (SWEENEY BAY)
27-0042-01	TWIN (NORTH BAY)
27-0042-02	TWIN (MIDDLE BAY)

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Minnesota Pollution Control Agency

Station ID	Station Name
27-0042-03	TWIN (SOUTH BAY)
27-0047	BUSH
27-0053	UNNAMED (COBBLECREST)
27-0057	MEADOW
27-0058	RYAN
27-0065	MAGDA
27-0070	MITCHELL
27-0082	WINDSOR
27-0085	LIBBS
27-0086	SHAVER
27-0088	MINNETOGA
27-0091	WING
27-0092	ROSE
27-0093	GLEN
27-0098	BASS
27-0100	POMERLEAU
27-0102	SCHMIDT (SMITH)
27-0103	LOST
27-0107	PARKERS
27-0111-01	EAGLE/PIKE (EAGLE BAY)
27-0111-02	EAGLE/PIKE (PIKE BAY)
27-0116-01	RICE
27-0119	CEDAR ISLAND
27-0125	DIAMOND
27-0127	FRENCH
27-0134	MOONEY
27-0153	ARDMORE
27-0165	JUBERT
27-0169	COWLEY
27-0175	HENRY
27-0176	INDEPENDENCE
27-0179-01	LITTLE LONG (N BAY)
27-0187	HAUGHEY
27-0199	HAFFTEN
27-0627	NORTHWOOD
27-0634	UNNAMED (SUCCESS)
27-0645	UNNAMED (S.RICE)
27-0656	TWIN
27-0661	UNNAMED (SOUTH OAK)
27-0670	HARVEY
27-0675	PAMELA POND
27-0681	GRASS
27-0711	WESTWOOD
27-0734	UNNAMED (CRANE)

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Minnesota Pollution Control Agency

Station ID	Station Name
27-1045-01	MOUNT NORMANDALE
40-0027	SANBORN (DALAMER)
40-0028	PEPIN
62-0001	SILVER
62-0049-01	LANGTON (N. BAY)
62-0049-02	LANGTON (S. BAY)
62-0058	LITTLE JOHANNA
62-0069	PIKE
62-0071	VALENTINE
62-0072	KARTH
62-0204	UNNAMED (LANGTON)
66-0061	CODY
70-0016	UNNAMED (DAN PATCH)
70-0018	CATE'S
70-0021	MARKLEY
70-0026	LOWER PRIOR
70-0050	McMAHON
70-0054	SPRING
70-0061	CRYSTAL
70-0069	FISH
70-0072	UPPER PRIOR
70-0074	DEAN
70-0076	PIKE
70-0091	CEDAR
70-0095	O'DOWD
70-0120-01	THOLE
82-0001	ST. CROIX
82-0002	O'CONNORS (O'CONNERS)
82-0004	EDITH
82-0009	CLOVERDALE
82-0010	MCDONALD
82-0011	UNNAMED (BAY)
82-0014	LITTLE CARNELIAN
82-0015-01	LOON (SOUTH BAY)
82-0015-02	LOON
82-0016	SILVER
82-0017	CAROL
82-0018	NORTH TWIN
82-0019	SOUTH TWIN
82-0020	MCKUSICK
82-0021	LONG
82-0023	LILY
82-0025	LOUISE
82-0026-02	MUD (MAIN)

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Minnesota Pollution Control Agency

Station ID	Station Name
82-0028	STAPLES
82-0030	LONG (MAY TWP)
82-0031	TERRAPIN
82-0034	EAST BOOT
82-0035	BASS
82-0036	TURTLE
82-0038	UNNAMED (MAPLEMARSH)
82-0042	LYNCH
82-0044	WEST BOOT
82-0046	SQUARE
82-0048	TWIN (SOUTH BASIN)
82-0049	BIG CARNELIAN
82-0052-02	JELLUMS
82-0052-04	BIG MARINE (MAIN LAKE)
82-0054	BONE
82-0056	UNNAMED (GERMAN)
82-0059	GOOSE
82-0062	UNNAMED
82-0064	FISH
82-0065	HAY
82-0067	SAND
82-0068	LONG
82-0072	WHITE ROCK
82-0076	BARKER
82-0077	UNNAMED (GOGGINS)
82-0079	ELWELL (HIGHLAND)
82-0080	HALFBREED
82-0082	GABLES
82-0087	UNNAMED (REG. PARK)
82-0089	MARKGRAFS
82-0090	WILMES
82-0091	BATTLE CREEK
82-0092	POWERS
82-0094	COLBY
82-0097	LA
82-0101	DEMONTREVILLE
82-0102	MUD
82-0103	OLSON
82-0104	JANE
82-0106	ELMO
82-0107	SUNFISH
82-0108	FRIEDRICH POND
82-0109	EAGLE POINT
82-0110	DOWNS

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
82-0115	TANNERS
82-0116-02	UNNAMED (S. ARMSTRONG)
82-0118	LONG
82-0119	UNNAMED (WEBER)
82-0120	BENZ
82-0122	PINE TREE
82-0123	BASS
82-0124	UNNAMED (BASS)
82-0125	PAT
82-0126	MASTER MAN
82-0130	LONG
82-0132	WOOD PILE
82-0133	SUNNYBROOK
82-0134-01	LOST (NW BAY)
82-0135	UNNAMED (ECHO)
82-0137	FISH
82-0140	ONEKA
82-0147	EGG
82-0151	S. SCHOOL SECTION
82-0153	SUNSET
82-0159	FOREST
82-0162	SHIELDS
82-0163	CLEAR
82-0166	CARVER
82-0301	UNNAMED
82-0313	UNNAMED (GOETSCHEL)
82-0318	UNNAMED (JULY AVE)
82-0333	UNNAMED (KISMET)
82-0334	UNNAMED
82-0368	KLAWITTER POND
82-0462	LEGION POND
82-0482	MERGEN'S POND
82-0488	UNNAMED (W LAKELAND)
82-0514	UNNAMED

Project MCES_L Metropolitan Council Environmental Services Lake Monitoring

Start Date 01/01/1968 **Planned Duration** Long-term

Purpose MCES monitors Twin Cities metropolitan area (TCMA) lakes to provide a comprehensive database that allows cities, counties and watershed management organizations to better manage these lakes.

Study Area Twin Cities metropolitan area

Assigned Stations

Station ID	Station Name
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Station ID	Station Name
02-0003	OTTER
02-0004	PELTIER
02-0006	CENTERVILLE
02-0009	RESHANAU
02-0022	ISLAND
02-0026	LINWOOD
02-0034	MARTIN
02-0042	COON
02-0045	GOLDEN
02-0053	HAM
02-0072	LADDIE
02-0084	CROOKED
02-0091	GEORGE
02-0130	PICKEREL
02-0133	EAST TWIN
10-0002	RILEY
10-0006	LOTUS
10-0007	LUCY
10-0009	MINNEWASHTA
10-0012	ANN
10-0018	SCHUTZ
10-0019	BAVARIA
10-0041	ZUMBRA-SUNNY
10-0042	PARLEY
10-0044-01	AUBURN (WEST BAY)
10-0044-02	AUBURN (EAST BAY)
10-0045	STEIGER
10-0048	WASSERMANN
10-0052	REITZ
10-0053	PIERSONS
10-0059	WACONIA
10-0078	RICE
10-0088	HYDES
10-0095	SWEDE
10-0121	EAGLE
19-0020	CHUB
19-0023	FARQUAR
19-0025	KELLER
19-0026-01	MARION (EAST BAY)
19-0027	CRYSTAL
19-0030	KINGSLEY
19-0031	ORCHARD
19-0057	FISH
19-0065	HOLLAND

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
19-0067	THOMAS
19-0075	SCHULTZ
19-0076	MCDONOUGH
27-0016	HARRIET
27-0019	NOKOMIS
27-0031	CALHOUN
27-0034	CRYSTAL
27-0039	CEDAR
27-0040	LAKE OF THE ISLES
27-0042-01	TWIN (NORTH BAY)
27-0042-02	TWIN (MIDDLE BAY)
27-0042-03	TWIN (SOUTH BAY)
27-0047	BUSH
27-0067	BRYANT
27-0070	MITCHELL
27-0076	RED ROCK
27-0078	STARING
27-0089-01	SHADY OAK (N. BAY)
27-0098	BASS
27-0104	MEDICINE
27-0107	PARKERS
27-0111-01	EAGLE/PIKE (EAGLE BAY)
27-0117	WEAVER
27-0118	FISH
27-0125	DIAMOND
27-0133-02	MINNETONKA (LOWER LAKE)
27-0133-05	MINNETONKA (UPPER LAKE)
27-0137	CHRISTMAS
27-0157	WOLSFELD
27-0160	LONG
27-0176	INDEPENDENCE
27-0179-01	LITTLE LONG (N BAY)
27-0181	DUTCH
27-0182	LANGDON
27-0184-01	WHALETAIL (N. BAY)
27-0184-02	WHALETAIL (S. BAY)
27-0191-01	SARAH (WEST BASIN)
27-0192	REBECCA
27-0199	HAFFTEN
62-0002	BALD EAGLE
62-0006	KOHLMAN
62-0007	GERVAIS
62-0010-02	KELLER (MAIN)
62-0013	PHALEN

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Station ID	Station Name
62-0018	DEEP
62-0024	BIRCH
62-0028	SUCKER
62-0038-01	VADNAIS (E VADNAIS)
62-0046	PLEASANT
62-0054	McCARRON
62-0056	OWASSO
62-0057	JOSEPHINE
62-0061	TURTLE
62-0062	CHARLEY
62-0067	LONG
62-0073	SNAIL
62-0078	JOHANNA
62-0082	WABASSO
70-0022	CLEARY
70-0026	LOWER PRIOR
70-0050	McMAHON
70-0052	CYNTHIA
70-0054	SPRING
70-0069	FISH
70-0072	UPPER PRIOR
70-0091	CEDAR
70-0095	O'DOWD
70-0098	PLEASANT
70-0120-01	THOLE
82-0021	LONG
82-0038	UNNAMED (MAPLEMARSH)
82-0046	SQUARE
82-0049	BIG CARNELIAN
82-0052-04	BIG MARINE (MAIN LAKE)
82-0054	BONE
82-0101	DEMONTREVILLE
82-0103	OLSON
82-0104	JANE
82-0106	ELMO
82-0115	TANNERS
82-0118	LONG
82-0122	PINE TREE
82-0153	SUNSET
82-0159	FOREST
82-0163	CLEAR
82-0166	CARVER
82-0167	WHITE BEAR
82-0333	UNNAMED (KISMET)

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Minnesota Pollution Control Agency

Project MCWD Minnehaha Creek Watershed District

Start Date 01/01/1968 **Planned Duration** Ongoing

Purpose Condition (long-term trend)

Project Design Sample Collection Methods:

Historical monitoring plans accessible through pdf versions of past hydrodata (2000-2003).

Field Measurements:

Historical field measurements accessible through pdf versions of past hydrodata reports (2000-2003).

Obtain Plan Citation for Plan:

See pdf versions of hydrodata reports

Assigned Stations

Station ID	Station Name
10-0009	MINNEWASHTA
10-0015	VIRGINIA
10-0018	SCHUTZ
10-0042	PARLEY
10-0043	LUNDSTEN
10-0044-02	AUBURN (EAST BAY)
10-0046	CHURCH
10-0048	WASSERMANN
10-0050	CARL KREY
10-0051	TURBID
10-0053	PIERSONS
27-0095-01	GLEASON (MAIN BAY)
27-0108	SNYDER
27-0109	HADLEY
27-0133-01	MINNETONKA (GRAYS BAY)
27-0133-02	MINNETONKA (LOWER LAKE)
27-0133-03	MINNETONKA (CARSONS BAY)
27-0133-04	MINNETONKA (ST.ALBANS BAY)
27-0133-05	MINNETONKA (UPPER LAKE)
27-0133-06	MINNETONKA (BLACK LK)
27-0133-09	MINNETONKA (HALSTEDS BAY)
27-0133-10	MINNETONKA (CRYSTAL BAY)
27-0133-11	MINNETONKA (MAXWELL BAY)
27-0133-12	MINNETONKA (STUBBS BAY)
27-0133-13	MINNETONKA (N. ARM)
27-0133-14	MINNETONKA (W. ARM)
27-0133-15	MINNETONKA (JENNINGS BAY)
27-0134	MOONEY
27-0137	CHRISTMAS
27-0138	PEAVEY
27-0139	FOREST

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Minnesota Pollution Control Agency

Station ID	Station Name
27-0141	TANAGER
27-0154	KATRINA
27-0157	WOLSFELD
27-0158	HOLY NAME (HAUSMAN)
27-0160	LONG
27-0181	DUTCH
27-0182	LANGDON
27-0186	MUD
27-0468	UNNAMED
27-0870	LOUISE
S001-334	MINNEHAHA CK AT AQUILA AVENUE IN ST. LOUIS PK, MN
S001-368	MINNEHAHA CK AT XERXES AVENUE BR IN MPLS, MN
S002-557	DUTCH LAKE OUTLET AT CSAH-110 IN MOUND
S002-565	LAKE MINNEWASHTA OUTLET AT CR-15 (MINNEWASHTA PKWY)
S002-571	PAINTER CK AT W BRANCH RD IN MINNETRISTA
S002-572	PAINTER CREEK AT CR-26 IN MINNETRISTA
S002-573	PAINTER CREEK AT CSAH-110 IN T117N R24W S11 NEQ
S002-575	PAINTER CREEK AT USH-12 IN ORONO
S002-754	SIX MILE CREEK AT OUTLET OF LUNSTEN L, 3.5 MI NE OF WACONIA
S002-854	UNN STR (LONG L INL) AT 6TH AV N, 1 MI NE OF LONG LK
S002-927	GLEASON LAKE OUTLET AT CSAH-15 IN WAYZATA
S002-928	LONG L CK (LONG L OUTLET) UPST SIDE OF SH 12, E OF LONG LK
S003-719	CHRISTMAS L OUTLT AT XMAS L RD, 0.9 MI E OF EXCELSIOR, MN
S003-720	CLASSEN L CK AT BAYSIDE RD, IN ORONO, MINNESOTA
S003-721	UNN TRIB TO FOREST L AT W BRANCH RD, ORONO, MINNESOTA
S003-722	GLEASON L OUTLT AT HOLLY LN, 0.7 MI NE OF WAYZATA, MN
S003-723	GLEASON L INLT AT BLACK OAKS CT N, PLYMOUTH, MINNESOTA
S003-724	UNN TRIB TO HALSTED BAY AT N HALSTEAD DR, MINNETRISTA, MN
S003-725	UNN TRIB TO HALSTED BAY AT HALSTEAD DR, MINNETRISTA, MN
S003-726	LANGDON L CK AT CSAH-110 IN MOUND, MINNESOTA
S003-728	LONG L CK AT BROWN RD S, 1 MI S OF LONG LAKE, MINNESOTA
S003-729	LONG L CK AT LUCE LINE RR, 0.4 MI S OF LONG LAKE, MINNESOTA
S003-730	MINNEHAHA CK AT I-494 IN MINNETONKA, MINNESOTA
S003-731	MINNEHAHA CK AT W 50TH ST, EDINA MINNESOTA
S003-732	MINNEHAHA CK AT W 56TH ST, EDINA, MINNESOTA
S003-733	MINNEHAHA CK AT CHICAGO AVE, MINNEAPOLIS, MINNESOTA
S003-734	MINNEHAHA CK AT HIAWATHA AVE TRAIN BRG, MINNEAPOLIS, MN
S003-735	MINNEHAHA CK AT UNN ST, 0.4 MI N OF GROVELAND, MINNESOTA
S003-736	MINNEHAHA CK AT BRIDGE ST IN MINNETONKA MILLS,

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
	MINNESOTA
S003-737	MINNEHAHA CK AT W 37TH ST, ST. LOUIS PARK, MINNESOTA
S003-738	MINNEHAHA CK AT CSAH-20, HOPKINS, MINNESOTA
S003-739	MINNEHAHA CK AT CSAH-3, ST. LOUIS PARK, MINNESOTA
S003-740	MINNEHAHA CK AT UPTON AVE S, IN MINNEAPOLIS, MINNESOTA
S003-742	MINNEHAHA CK AT 32ND AVE S, MINNEAPOLIS, MINNESOTA
S003-743	MINNEHAHA CK AT I-494 RAMP, IN MINNETONKA, MINNESOTA
S003-744	MINNEHAHA CK AT MEADOWBROOK RD, ST. LOUIS PARK, MINNESOTA
S003-745	MINNEHAHA CK AT LOUISIANA AVE S, ST. LOUIS PARK, MINNESOTA
S003-746	MINNEHAHA CK AT YOSEMITE AVE S, ST. LOUIS PARK, MINNESOTA
S003-747	L VIRGINIA OUTLET AT SMITHTOWN RD, 2 MI NE OF VICTORIA, MN
S003-748	PAINTER CK AT CSAH-6, 1 MI S OF MAPLE PLAIN, MINNESOTA
S003-749	PAINTER CK AT CSAH-6, 1.4 MI SE OF MAPLE PLAIN, MINNESOTA
S003-750	PAINTER CK AT PAINTER CK DR, 2 MI WNW OF SAGA HILL, MN
S003-751	UNN TRIB TO PEAVEY L AT SHORELINE DR, IN WAYZATA, MINNESOTA
S003-752	SIX MILE CK AT HIGHLAND RD, 0.7 MI ESE OF ST. BONIFACIUS, MN
S003-753	UNN TRIB TO SIX MI CK AT CSAH-11, 1.4 MI NW OF VICTORIA, MN
S003-754	UNN TRIB TO SIX MI CK AT CSAH-11, 0.75 MI NW OF VICTORIA, MN
S003-755	SIX MI CK AT MN-5, 0.74 MI WNW OF VICTORIA, MN
S003-756	STUBBS BAY INLET AT BAYSIDE RD, 1.3 MI W OF ORONO, MINNESOTA
S004-094	UNN CR (OUTFLOW) TO LK KATRINA AT MN-12 IN MAPLE PLAIN
S004-095	PAINTER CR AT CREEKWOOD DRIVE, 1 MI S OF MAPLE PLAIN
S004-096	PAINTER CR AT CR-83, 1 MI S OF MAPLE PLAIN
S004-097	UNN CR (CLASSEN LK CR) AT LEAF ST, 1.5 MI SW OF LONG LAKE
S004-098	UNN CR (CLASSEN LK CR) AT LEAF ST, 1.5 MI SW OF LONG LK
S004-099	UNN CR (CLASSEN LK CR) AT WATERTOWN R, 1.5 MI SW OF LONG LK
S004-361	SIXMILE CK (WASSERMAN OTLT) AT CSAH-43 1.5 MI SW OF VICTORIA
S004-367	UNN STRM (DUTCH L INLET) AT GAME FARM RD, 1.5 MI NW OF MOUND
S004-368	UNN STRM (CHRISTMAS LK INLET) AT CSAH-17
S004-369	UNN STRM (GLEASON L INLT) AT WAYZATA BLVD, 1 MI E OF WAYZATA
S004-370	MINNEHAHA CK AT RR BRG N OF MINNETONKA BLVD IN MINNETONKA
S004-371	MINNEHAHA CK AT LYNDAL AVE. IN MINNEAPOLIS
S004-372	MINNEHAHA CK (L HIAWATHA OUTLET) AT 28TH ST IN MINNEAPOLIS
S004-373	UNN STRM (SCHUTZ L INLET), AT END OF PARK VIEW LANE

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Station ID	Station Name
S004-374	SIXMILE CK NEAR ENTRANCE TO HALSTEAD BAY
S004-375	UNN STRM (PARLEY L INLET) AT PARLEY LK RD
S004-376	SIXMILE CK (L AUBURN OUTLET) AT CARVER PK RD
S004-377	SIXMILE CK (WASSERMAN L INLET) AT MARSH L ROAD
S004-378	UNN STRM (LANGDON L INLET) AT WESTEDGE BLVD IN MOUND
S004-425	LONG LAKE CK AT RR CROSSING AT ENTRANCE TO TANAGER LK
S004-426	UNN STR (PARLEY LK CK), 2 MI SW OF ST. BONIFACIUS
S004-427	UNN STR (TURBID LK INLET) AT MN-5, 2.5 MI W OF VICTORIA
S004-428	LONG LK CK AT FOX ST., 1 MI S OF LONG LAKE
S004-525	MINNEHAHA CK UPSTRM OF LK HIAWATHA INLET IN MINNEAPOLIS

Project MDAWQMP MN Dept. of Agriculture Water Quality Monitoring Program

Start Date 01/01/1985 **Planned Duration** Indefinite

Document/Graphic SW QAPP_07

[Document/Graphic](#)

Purpose To help preserve and protect Minnesota water resources, the Minnesota Department of Agriculture (MDA) has been monitoring the impacts of pesticides and fertilizers on the State's water resources for over 20 years.

Project Design Sample Collection Methods:

See surface water and ground water 2007 work plans and SOP.

Laboratory Name:

MDA Laboratory
601 Robert Street North
St. Paul, MN 55155

Assigned Stations

Station ID	Station Name
03-0010	STRAIGHT
03-0029	HUNGRY MAN
03-0242	FLAT
03-0287	PICKEREL
04-0030	CASS
07-0060-01	EAGLE (NORTH)
11-0022	SPRING
11-0102	ISLAND
11-0411	PINE MOUNTAIN
11-0480	LONG
14-0029	UNNAMED (NORTH MAYFIELD)
15-0010	ELK
16-0104	MUSQUASH
16-0414	VESPER
16-0643	RICHEY
18-0123	LOOKOUT (CROCKER)
18-0155	CROW WING

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
18-0308	PELICAN
18-0408	MAYO
21-0054	VICTORIA
21-0080	DARLING
21-0291	RED ROCK
21-0336	FANNY
27-0016	HARRIET
27-0019	NOKOMIS
31-0266-01	LONG
31-0770	UPPER HATCH
33-0027	SPRING
34-0141	WOODCOCK (W WOODCOCK)
34-0154	NEST
34-0251	NORWAY
38-0472	BECOOSIN
38-0691	AUGUST
40-0002	UPPER SAKATAH
41-0055	NORTH ASH
43-0014	SOUTH
44-0157	ALLEN
46-0051	OKAMANPEEDAN
47-0015	JENNIE
56-0114	WEST LEAF
56-0356	FAIRY
56-0476	MAINE (ROUND)
56-0829	PEBBLE
60-0307	UNNAMED
62-0061	TURTLE
62-0073	SNAIL
69-0005	ALRUSS
69-0129	SPRING
69-0154	ARTHUR
69-0341	LAMB
69-0611	LOST (HORSESHOE)
70-0069	FISH
76-0149	SOUTH DRYWOOD
86-0069	LONG
86-0263	COKATO
S000-001	CEDAR RIVER 1.5 MI S OF AUSTIN
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-004	CROW RIVER AT BRIDGE ON CSAH-36 AT DAYTON
S000-006	OTTER TAIL R BRIDGE ON 4TH ST N AT BRECKENRIDGE
S000-011	RED RIVER W.W. INTAKE AT FARGO
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
S000-013	RED LAKE R DNST OF MN-220 BR IN EAST GRAND FORKS
S000-016	RUM RIVER AT BRIDGE ON PLEASANT STREET IN ANOKA
S000-039	MINNESOTA R. CSAH-9 N OF JORDAN
S000-040	MINNESOTA RIVER AT MN-19 BRIDGE AT HENDERSON
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-050	S FK CROW RIVER SH-55 AT ROCKFORD
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONSVILLE
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUYERNE
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-108	KAWISHIWI RIVER BR ON MN-1 AT DAM 8 MI SE OF ELY
S000-119	ST LOUIS R BRIDGE AT CSAH-7, 0.5 MI S OF FORBES
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-135	BLUE EARTH RIVER AT CSAH-4, 4 MI S OF BLUE EARTH
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-137	CEDAR RIVER AT CSAH-2, 0.5 MILES EAST OF LANSING
S000-141	EAST FORK DES MOINES R AT MN-263, 2 MI NE CEYLON
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-151	MISSISSIPPI RIVER AT BR ON MN-115 AT CAMP RIPLEY
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-165	S FK CROW RIVER SH-7 1 MI. N OF MAYER
S000-175	CHIPPEWA RIVER AT BRIDGE ON MN-7 AT MONTEVIDEO
S000-176	CROW WING R. CSAH-1 AT PILLAGER
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S000-221	MISSISSIPPI RIVER AT BR ON MN-25 AT MONTICELLO
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-252	BEAVER R SOUTH OF CSAH-3 1.5 MI NW OF BEAVER BAY
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-292	CHIPPEWA RIVER SH-40 E OF MILAN
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S000-321	S FK WHITEWATER R AT CR-112 2 MI W OF ALTURA
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-451	N FK WHITEWATER R 0.15 MI W TR-16, 2.2 MI W OF ELBA
S000-461	BUFFALO CK AT CSAH-25 AT BROWNTON
S000-467	STRAIGHT R- T108N/R20W/S33/SEQ/NWQ N OF OWATONNA
S000-553	BOIS DE SIOUX R ON CSAH-6 5.1 MI SW OF DORAN
S000-646	MAIN DITCH ON MN-23 AT PIPESTONE
S000-696	REDWOOD R AT CSAH-15 IN RUSSELL
S000-697	MIDDLE R AT CSAH-10 8.5 MI NW OF ARGYLE
S000-740	MINNESOTA R ON USH-59/212 .8 MI SW OF MONTIVIDEO
S000-780	MINNESOTA R.,CSAH-6 N. OF DELHI
S000-819	ZUMBRO RIVER ON USH-63 .4 MI SOUTH ZUMBRO FALLS
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S000-843	SILVER CR.,CSAH-41 BY EAST UNION
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S001-097	GROUNDHOUSE R AT CSAH-10 2M SE OF OGILVIE
S001-138	ROBINSON CR BRIDG AT DEAD END RD, NW HIGH FOREST
S001-153	LEAF RIVER AT CSAH-26, 8 MILES NE OF ALDRICH
S001-156	S BR YELLOW MEDICINE R AT CSAH-10, AT MINNEOTA
S001-186	PRAIRIE CR AT 310TH ST .2 MI UPSTM OF L BYLLESBY
S001-191	SALEM CR AT UNN CR IN S19 4 MI SW SALEM CORNERS
S001-210	UNN TRIB TO BIG COBB R, SH22 .5 MI N BEAUFORD
S001-263	S BR GRINDSTONE R, 1.6 MI NW OF HINKLEY, MN
S001-320	S BR ROOT R AT CR-118 IN FORESTVILLE ST PK
S001-326	CROW WING R AT BR ON CR-12 AT NIMROD
S001-340	JD-1 AT CSAH-3 BR, 4 MI SE OF GRAND MEADOW, MN
S001-377	LITTLE COTTONWOOD RIVER 2 MI NW OF CAMBRIA, MN
S001-390	FISH CK AT AUSTIN TRAIL CULVERT 4 MI SE OF GREY EAGLE
S001-437	KETTLE R AT SANDSTONE, MN
S001-444	RICE CR 1 MI N OF DUNDAS, MN
S001-539	S BR ROOT R AT GRVL RD BR 1 MI W OF CSAH14 5 MI SE GR MEADOW
S001-590	JACK CK AT 370TH AVE, 1 MI SW OF HERON LAKE
S001-679	REDWOOD R AT CSAH-17, 3 MILES SW OF REDWOOD FALLS
S001-729	S BR MID FK ZUMBRO R, 3.3 MI E OF MANTORVILLE, MN
S001-759	MINNESOTA R AT CSAH 42 AT JUDSON
S001-831	MID FK WHTWTR R AT CR-107, 5 MI N OF ST. CHARLES
S001-918	COTTONWOOD R NEAR MN-68 AND COTTONWOOD ST IN NEW ULM. MN
S001-930	PLATTE R AT CR-40 BRG, 2 MI S OF ROYALTON
S001-936	TROUT BK 4 MI S OF MIESVILLE, MN
S001-941	PINE CK 2 MI NE OF CANNON FALLS, MN
S002-005	BEAVER CK AT MN-30 BRG, 1.75 MI W OF CURRIE

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Minnesota Pollution Control Agency

Station ID	Station Name
S002-015	S FK CROW R ON MN-7, 1/2 MI E OF COSMOS
S002-080	RED LK R, SAMPSON BRG, IN CROOKSTON
S002-083	GRAND MARAIS CK ON CSAH-220 BRG, 3 MI N OF EAST GRAND FORKS
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-125	BUFFALO R AT CR-108, 2 MI SE OF GEORGETOWN
S002-201	SHAKOPEE CK, AT UNN TWN SHP RD, 1 MI W MN-29, 8 MI S BENSON
S002-313	THREE MILE CK AT CR-67, 1 MI NO OF GREEN VALLEY
S002-504	BENT CK AT MN-5, 1.3 MI SW OF WACONIA, MN
S002-548	W CHASKA CK, 250' W OF CTY RD 10, BEHIND VFW, IN CHASKA, MN
S002-587	SNAKE RIVER AT CSAH-7 3.5 MI WEST OF PINE CITY
S002-904	LONG PRAIRIE R ON BR AT RIVERSIDE DR, NW LONG PRAIRIE, MN
S002-960	STRAIGHT R AT US HWY 71, 3 MI S OF PARK RAPIDS, MN
S002-962	SHELL RIVER AT CSAH 23, 4.5 MILES NE OF MENA HGA, MN
S003-000	DUTCH CREEK AT 100TH ST. - 0.5 MILES W OF FAIRMONT
S003-531	MISSION CK AT CR-53, 2.5 MI W OF PINE CITY, MINNESOTA
S003-532	GROUNDHOUSE R AT CSAH-12 (HARBOR ST), 3.6 MI W BRUNSWICK, MN
S003-557	STRAIGHT R AT 227 ST E, 2.8 MI SE OF FARIBAULT, MN
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN
S003-706	SEVEN MILE CK IN SEVENMILE CK CTY PARK, 6 MI SW OF ST PETER
S003-742	MINNEHAHA CK AT 32ND AVE S, MINNEAPOLIS, MINNESOTA
S004-033	SUNRISE R, N BR AT CR-69, 3.3 MI SW OF SUNRISE, MN
S004-034	LAWRENCE CK AT FRANCONIA TR, IN FRANCONIA, MN
S004-123	ROOT R, SF AT CSAH-13 AT CHOICE
S004-245	CEDAR VALLEY CK, UPSTM OF SOUTH-BOUND US-61 LANE
S004-359	DES MOINES R, W OF RIVER ST, 100 YDS DS OF DAM, AT JACKSON
S004-621	SAUK R AT WAITE PK USGS STATION IN ST. CLOUD, MN
S004-839	ROOT R, SB AT CSAH-12 IN CARIMONA
S004-842	ROOT R, MB AT CSAH-21, 3 MI S OF PILOT MOUND
S004-898	SAND CK AT MN-282 CROSSING IN JORDAN
S005-017	BASSETT CK AT IRVING AVE N IN MINNEAPOLIS
S005-358	BLUE EARTH R, EB N OF CR-112 & E OF CSAH-19, 2 MI W OF FROST
S005-360	BEVENS CK JUST DWNSTM OF CSAH-40, S OF EAST UNION
S005-361	CASCADE CK AT 45TH AVE SW IN ROCHESTER
S005-362	COLD CK JUST E OF CR-68, .5 MI NW OF ZUMBRO FALLS
S005-364	CHIPPEWA R, EB, AT 15TH AVE NE, 2.5 MI N OF BENSON
S005-376	FISH CK JUST UPSTM OF US-61 IN NEWPORT
S005-377	NINEMILE CK JUST S OF W 106TH ST IN BLOOMINGTON
S005-378	SLEEPY EYE CK AT 320TH AVE, 5.5 MI SW OF SLEEPY EYE

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Station ID	Station Name
S005-379	BLUE EARTH R, .25 MI N OF CSAH-9, 2 MI W OF RAPIDAN
S005-380	RILEY CK (GRASS LK INLET) AT US-212 IN EDEN PRAIRIE
S005-381	ROCK R AT CSAH-4 IN LUVERNE
S005-382	SPLIT ROCK CK, E OF CSAH-20 AND S OF CSAH-2 IN IHLEN
S005-384	LITTLE ROCK CK AT CR-8 (15TH AVE NW), 4 MI N OF RICE
S005-385	MISSISSIPPI R AT CSAH-115 BRG, 1 MI NO OF FORT RIPLEY
S005-386	RUM R AT CR-22 BRG (VIKING BLVD NW), 4 MI SO OF ST. FRANCIS
S005-387	TWO RIVERS AT MN-175 (BROADWAY ST) AT HALLOCK
S005-395	BATTLE CK, W OF US-61 AND 1 MI E OF THE MISSISSIPPI R
S005-403	RED LAKE R JUST S OF CSAH-15 AT FISHER
S005-405	ROOT R AT UNN TRIB AT EAGLE BLUFF, 2.5 MI NW OF LANESBORO
SP004	Big Spring @ BCVSP
SP005	Burr Oak Spring
SP006	Cold Spring North
SP007	Cold Spring South
SP008	Canfield Spring
SP009	Crystal Springs
SP010	Fountain Spring East
SP011	Fountain Spring West
SP012	Frego Spring
SP013	Hazel's Spring
SP014	Knutson's Spring
SP015	Lanesboro Spring
SP016	Peterson Main Spring
SP017	Rainy Spring
SP018	Spring Creek Spring

Project MERCLKS Mercury Lakes

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Mercury monitoring in Lakes

Study Area Statewide

Assigned Stations

Station ID	Station Name
03-0102	SHELL
03-0200	PINE
03-0241-02	NORTH TAMARACK
09-0038	HANGING HORN
10-0002	RILEY
10-0048	WASSERMANN
21-0145	CHIPPEWA
21-0180	MILL
21-0216	WHISKEY

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Station ID	Station Name
21-0291	RED ROCK
25-0001	PEPIN
27-0016	HARRIET
27-0184-02	WHALETAIL (S. BAY)
29-0025	NINTH CROW WING
29-0032	BIG BASS
29-0045	TENTH CROW WING
29-0061	GARFIELD
29-0217	PAINE
29-0254	ISLAND
38-0033	NINEMILE
38-0047	WILSON
38-0068	WINDY
38-0666	SLATE
56-0749	CRYSTAL
56-0786	PELICAN
62-0007	GERVAIS
62-0054	McCARRON
62-0056	OWASSO
69-0003	BIRCH
69-0371	WILD RICE
69-0372-01	ISLAND RSVR. (W. BASIN)
69-0373	BOULDER (ORCHARD)
69-0375	WHITEFACE RESRVOIR
69-0491-01	FISH LK FLOWAGE (MAIN BASIN)
69-0684	MUKOODA
69-0685	O'LEARY
69-0756	TOOTH
69-0833	PEARY
69-0835	UNNAMED (RYAN)
69-0839	BROWN
69-0843	EK (LEIF)
69-0994	W TWO RIVERS RESERVOIR
82-0001	ST. CROIX
82-0115	TANNERS
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-004	CROW RIVER AT BRIDGE ON CSAH-36 AT DAYTON
S000-006	OTTER TAIL R BRIDGE ON 4TH ST N AT BRECKENRIDGE
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-013	RED LAKE R DNST OF MN-220 BR IN EAST GRAND FORKS
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-019	ST. CROIX R DNSTRM OF MN-212 BR IN STILLWATER
S000-020	ST CROIX R. AT TAYLORS FALLS
S000-021	ST LOUIS RIVER AT BRIDGE ON MN-23 AT FOND DU LAC

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-023	ST. LOUIS R BRIDGE ON US-2, 2 MI SE OF BROOKSTON
S000-026	MISSISSIPPI R AT 9TH AVE BRG (OLD MN-15) AT SAUK RAPIDS
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-040	MINNESOTA RIVER AT MN-19 BRIDGE AT HENDERSON
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-056	ST. CROIX R AT MN-48 BR, 3.5 MI W OF DANBURY, WI
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-067	MISSISSIPPI R UNDER US-14 BRIDGE AT LA CROSSE
S000-068	MISSISSIPPI RIVER AT LOCK AND DAM #2 AT HASTINGS
S000-069	WINTER ROAD RIVER MN-11 BRIDG 4 MI W OF BAUDETTE
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONSVILLE
S000-091	RED RIVER AT BRIDGE ON MN-11, WEST OF ROBBIN
S000-095	MISSISSIPPI R LOCK & DAM #6 AT TREMPLEAU, WIS
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUVERNE
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-111	OTTER TAIL R BR ON CSAH-15 WEST OF FERGUS FALLS
S000-113	RED RIVER AT BRIDGE ON CSAH-39, 1 MI W OF PERLEY
S000-115	ROSEAU RIVER CR-53 AT CARIBOU
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-132	MISSISSIPPI R LOCK & DAM #3, 5 MI NW OF RED WING
S000-133	MISSISSIPPI R. S OF ST. PAUL
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-135	BLUE EARTH RIVER AT CSAH-4, 4 MI S OF BLUE EARTH
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-137	CEDAR RIVER AT CSAH-2, 0.5 MILES EAST OF LANSING
S000-139	COTTONWOOD R AT MN-15, 0.5 MI SE OF NEW ULM
S000-141	EAST FORK DES MOINES R AT MN-263, 2 MI NE CEYLON
S000-142	FOUNTAIN L-USH-46 AT ALBERT LEA
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-148	MISSISSIPPI RIVER AT BR ON MN-24 AT CLEARWATER
S000-151	MISSISSIPPI RIVER AT BR ON MN-115 AT CAMP RIPLEY
S000-152	MISSISSIPPI R. N. OF CROSBY
S000-153	MISSISSIPPI RIVER AT JACOBSON
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-171	BLUE EARTH RIVER BY RAPIDAN DAM
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND

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Station ID	Station Name
S000-181	PINE RIVER CSAH-11,N. OF CROSBY
S000-182	RAINY R AT ACCESS OFF SHOREWOOD DR W OF I'FALLS
S000-183	RED RIVER BR ON MAIN AVE AT 3RD ST., IN MOORHEAD
S000-184	RAPID RIVER AT BRIDGE ON MN-11 AT CLEMENTSON
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-197	SUPERIOR BAY-AERIAL BR AT DULUTH
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S000-221	MISSISSIPPI RIVER AT BR ON MN-25 AT MONTICELLO
S000-222	CEDAR RIVER ON CSAH-5 4.5 MI NW OF LYLE
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-251	BRULE R UPSTRM OF US-61 AT JUDGE CR MAGNEY PARK
S000-252	BEAVER R SOUTH OF CSAH-3 1.5 MI NW OF BEAVER BAY
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S000-258	LESTER R ABOVE SUPERIOR ST., LESTER PK AT DULUTH
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S000-266	MISS R AT DOCK UPSTRM OF WABASHA ST BR, ST. PAUL
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-277	ST. LOUIS BAY BELOW I-535 BRIDGE AT SUPERIOR, WI
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S000-287	MISSISSIPPI R LOCK & DAM #5 3 MI SE OF MINNEISKA
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-300	STRAIGHT R.CSAH-45 CLINTON FALLS
S000-301	N BR SUNRISE R AT MN-95, 4 MI E OF NORTH BRANCH
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S000-339	MISSISSIPPI R SHIELY CO. DOCK, GREY CLOUD ISLAND
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-557	RED R OF THE N AT FT DAER PK LANDING IN PEMBINA
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON
S000-718	RAINY R IN S25SWQSWQ BTN FORT FRANCIS & JAMESON
S000-740	MINNESOTA R ON USH-59/212 .8 MI SW OF MONTIVIDEO
S000-741	MINNESOTA R.,CSAH-14 BY WATSON
S000-777	LITTLE COTTONWOOD R.,SH-68 BY CAMBRIA
S000-820	S FK ZUMBRO R ON CSAH-7 3.4 MI SE OF MAZEPPA
S000-822	RUSH RIVER, SH-93 BY HENDERSON
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S000-946	BAUDETTE RIVER DOWNSTREAM OF MN-11 AT BAUDETTE
S001-011	SHELL ROCK R AT MN-65 1 MI SE OF GLENVILLE

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S001-121	CENTER CK 25 FT ABV FAIRMONT WWTP DISCHARGE
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S001-156	S BR YELLOW MEDICINE R AT CSAH-10, AT MINNEOTA
S001-210	UNN TRIB TO BIG COBB R, SH22 .5 MI N BEAUFORD
S001-222	RED RIVER AT BRIDGE 50' UPST RED LK R CONFL
S001-230	VERMILLION R AT HWY 68 BRG, 3/4 MI NE OF ETTER
S001-231	BLUE EARTH RIVER 150 FT DNST OF RAPIDAN DAM
S001-235	NEMADJI R. 70 YD. DNST. OF CO. RD C, WI.
S001-236	MISS R AT LAMBERTS LANDING, ST. PAUL
S001-238	MISSISSIPPI R DNST OF HASTINGS RR BR
S001-282	COBB R AT CONFL WITH LESUEUR R
S001-727	SNAKE R AT CSAH 18, 2.35 MI SE OF MCGRATH, MN
S001-759	MINNESOTA R AT CSAH 42 AT JUDSON
S001-960	RAINY R, DOCK AT END OF ANCHOR BAY ROAD, 3 MI NW OF BAUDETTE
S001-961	RAINY R, DOCK AT PUBLIC ACCESS OFF MN-172 IN WHEELER'S PT
S001-962	BLACK R, 0.1 MI N OF MN-11 BR AT CAMPGROUND, JUST E OF LOMAN
S001-963	MISSISSIPPI RIVER 2.5 MI NW OF HASTINGS
S001-964	RAINY R BY CR-85 BELOW RAPIDS 2 MI NE OF BIRCHDALE
S001-965	BOWSTRING R 3 MI SW OF DORA LK, MN
S001-998	CROW WING R, 500 FT UPSTRM OF MN-210 BRG, .5 MI N OF MOTLEY
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-011	MISSISSIPPI R, BOAT LANDING AT HIDDEN FALLS PARK IN ST. PAUL
S002-012	HAWK CK AT CR 52 BR, 6.5 MI SE OF GRANITE FALLS
S002-324	RED LK R 100 FT UPST OF FTBR IN LB HARTZ PK IN THIEF R FALLS
S002-325	RED R 250 FT UPST OF MN-1 BR, W OF OSLO IN N. DAKOTA
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN
S003-860	LE SUEUR R AT CSAH-8, 5.1 MI SSE OF MANKATO, MN
S003-937	OTTERTAIL R IN TAMARC NWR (USFWS), 16 MI NE DETROIT LAKES
S004-102	KETTLE R, WB AT MN-73, 4 MI NW OF KETTLE R
S004-103	SNAKE R .5 MI N OF CR-118, 9 MI E OF PINE CITY
S004-104	LOWER TAMARACK R ON UNN RD, 5.5 MI SE OF KERRICK
S004-130	MINNESOTA R AT MN-99 IN ST. PETER, MN
S004-141	MISSISSIPPI R, 0.2 MI DWNSTRM OF FORD PARKWAY IN ST. PAUL
S004-977	MISSISSIPPI R AT FISHING PIER AT POINT PARK IN RED WING
S005-119	ROOT R, NB AT 300TH ST., 4.5 MI N OF DEXTER

Project MERCTRND Mercury Trends

Start Date 05/01/2003 **Planned Duration** Ongoing

Project Summary

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Minnesota Pollution Control Agency

Purpose Effectiveness monitoring for aquatic mercury changes in response to source reductions.

Project Design Sample collection methods: grab or peristaltic pump

Lab Information: MDH

Assigned Stations

Station ID	Station Name
25-0001	PEPIN
82-0001	ST. CROIX
S000-019	ST. CROIX R DNSTRM OF MN-212 BR IN STILLWATER
S000-040	MINNESOTA RIVER AT MN-19 BRIDGE AT HENDERSON
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-056	ST. CROIX R AT MN-48 BR, 3.5 MI W OF DANBURY, WI
S000-067	MISSISSIPPI R UNDER US-14 BRIDGE AT LA CROSSE
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONSVILLE
S000-095	MISSISSIPPI R LOCK & DAM #6 AT TREMPPEALEAU, WIS
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUVERNE
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-137	CEDAR RIVER AT CSAH-2, 0.5 MILES EAST OF LANSING
S000-139	COTTONWOOD R AT MN-15, 0.5 MI SE OF NEW ULM
S000-141	EAST FORK DES MOINES R AT MN-263, 2 MI NE CEYLON
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-301	N BR SUNRISE R AT MN-95, 4 MI E OF NORTH BRANCH
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S001-238	MISSISSIPPI R DNST OF HASTINGS RR BR
S004-977	MISSISSIPPI R AT FISHING PIER AT POINT PARK IN RED WING

Project MFCROW Middle Fork Crow River Watershed Restoration and Enhancement

Start Date 02/01/2007 **Planned Duration** 3 Years

Purpose Middle Fork Crow River Watershed Restoration and Enhancement Project Condition Monitoring

Project Summary

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Minnesota Pollution Control Agency

Study Area Middle Fork Crow River Watershed

Project Design Laboratory Name: RMB Environmental Laboratories, Inc.
22796 County Highway 6
Detroit Lakes, MN 56501-7002

Sample Collection Method and Gear: Streams - grab samples, Lakes - integrated samplers.
Field Measurements - Methods and Instrumentation: Stream - Transparency (t-tube), Lakes - Secchi disks.

When YSI is available, pH, specific conductance, temperature, DO and turbidity will be measured at thalweg in streams and for vertical profile (every 1m) in lakes.

Probe Make and Model: YSI 6820

Obtain Plan Local Project Coordinator (Project Manager):
Chad Anderson
Middle Fork Crow River Watershed District
174 Lake Avenue North
Suite 2 PO Box 8
Spicer, MN 56288

320-796-0888
chad@mfcrow.org

Assigned Stations

Station ID	Station Name
34-0044	DIAMOND
34-0062	CALHOUN
34-0079	GREEN
34-0119	ELKHORN
34-0142	GEORGE
34-0154	NEST
47-0177	LONG
73-0196	RICE
S001-829	COLLINWOOD LK S INLET FRM MAPLE LK, 750 AVE, 3 MI SE DASSEL
S002-028	MID FK CROW R ON CSAH-3, 1/2 MI S OF MANANNAH
S002-293	CROW R, MF AT CSAH 2, 7 MI E NE OF SPICER, MN
S002-294	CROW R MF INLET TO GREEN LK, 2 MI NE OF SPICER, MN
S002-295	CROW R MF INLET TO NEST LAKE, 3 MI N NW OF SPICER, MN
S002-296	CROW R MF AT DAM IN NEW LONDON, MN
S002-297	CD 26 ABOVE LK CALHOUN, 6.4 MI NE OF SPICER, MN
S002-302	MID FK CROW R AT 275 AVE NE, 4.5 MI S OF BELGRADE
S002-495	CARVER CK AT MN-284, 1.6 MI N OF COLOGNE, MN
S002-913	CROW R MF AT GREEN LK OUTL CSAH-4 BR, 4 1/2 MI SE NEW LONDON
S003-496	DIAMOND LK OUTLET AT CR-137, 4.5 MI N OF ATWATER
S004-090	CD 26 AT 545TH AVENUE, 3 MILES SOUTH OF GROVE CITY, MN.
S004-210	HOPE LK OUTLET AT CSAH-23, 4.5 MI SSE OF GROVE CITY
S004-421	MF CROW R AT CSAH-30, 1 MI S OF MANANNAH
S004-558	COLLINWOOD CK AT 258TH ST, 3 MI NE OF DASSEL, MN
S004-642	UNN STR TO MFK CROW R ON 120TH AVE NE, 7 MI N OF

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S004-643	ATWATER, MN
S004-644	MF CROW R AT CSAH 10, 7.4 MI N OF ATWATER, MN
S004-646	UNN STR OUTLET FROM LONG LK, 3.3 MI NE OF NEW LONDON, MN
S004-647	MF CROW R INLET TO MUD LK, 3.1 MI N OF NEW LONDON, MN
S004-967	UNN STR INLET ON CR137, 3.5 MI NW OF ATWATER, MN
	UNN STR (CD-9) AT CSAH-2, 7.5 MI N OF ATWATER, MN

Project MIDDLEMN Monitoring in the Middle Minnesota Watershed

Start Date 06/28/2007 **Planned Duration** 2 years

Purpose Effectiveness monitoring in two priority sub-watersheds within the Middle Minnesota Major Watershed.

Project Design Sample Collection Methods: Grab with extension pole

Field Measurements: Transparency with t-tube, pH, spec. cond., temp with HACH HQ40D and DO with HW10.

Laboratory Information:

Minnesota Valley Testing Laboratories
1126 North Front St.
New Ulm, MN 56073
Contact Name: Jason Smith
507-354-8517
jsmith@mvtl.com

Obtain Plan Citation for Plan:

Scott MacLean
MPCA - Mankato Office
1230 South Victory Drive
Mankato, MN 56001
507-389-6989
scott.maclea@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S001-377	LITTLE COTTONWOOD RIVER 2 MI NW OF CAMBRIA, MN
S002-464	CO DT 24 AT TIMBER LANE, 5.5 MI NW OF MANKATO, MN
S002-934	SEVENMILE CK DWST OF MN-99, 6 MI SW OF ST. PETER
S002-936	CTY DTCH 46A DWST OF CSAH-13, 6 MI SW OF ST. PETER
S002-937	SEVENMILE CK IN SEVENMILE CK CTY PK, 5.5 MI SW OF ST. PETER

Project MIDNORTH Middle and North Creek Bacteria Investigation

Start Date 04/05/2006 **Planned Duration** 2 years

Purpose Problem investigation study designed to supplement the regional TMDL by further identifying bacteria sources in Middle and North Creek watersheds.

Associated with the VERMCHUB Program in STORET.

Project Design Sample Collection Methods: Grab samples with rod or weighted bucket.

Project Summary

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Minnesota Pollution Control Agency

Project Design Field Measurements: Transparency with t-tube in 2007.

Obtain Plan Citation for Plan:

Travis Bistodeau
Dakota County Soil and Water Conservation District
4100 220th St., W., Suite 102
Farmington, MN 55024
651-480-7783
travis.bistodeau@co.dakota.mn.us

Assigned Stations

Station ID	Station Name
S003-324	TRIB TO VERMILLION R NEAR CSAH-3, 1.2 MI N OF FARMINGTON, MN
S003-343	UNN TRIB (WF MIDDLE CK) N OF 195TH ST, 3 MI NW OF FARMINGTON
S003-344	UNN TRIB (EF MIDDLE CK) N OF 195TH ST, 3 MI NW OF FARMINGTON
S003-345	MOUTH OF UNN TRIB (MIDDLE CK), 1 MI N OF FARMINGTON
S003-347	UNN TRIB (SF OF N CK), 3.5 MI SE OF APPLE VALLEY
S003-348	UNN TRIB (SF OF N CK) AT FLAGSTAFF AVE, S OF APPLE VALLEY
S003-352	UNN TRIB (MIDDLE CK) AT 190TH ST, 2.5 MI NE OF LAKEVILLE
S004-252	UNN STRM, .5 MI W OF MN-3, 1 MI N OF FARMINGTON
S004-253	UNN STRM (MIDDLE CK) AT FLAGSTAFF AVE, 4 MI NW OF FARMINGTON
S004-254	UNN STRM (NORTH CK) AT CSAH-23, S OF APPLE VALLEY
S004-255	UNN STRM (NORTH CK) AT HIGHVIEW AVE, S OF APPLE VALLEY
S004-256	UNN STRM (NORTH CK) AT 175TH ST, S OF APPLE VALLEY
S004-454	STRMWTR PND AT HDWTRS OF UNN STR (NORTH CK) AT ICON TRAIL
S004-455	STMWTR PND NEAR HDWTRS OF UNN STR (NORTH CK) E OF 178TH ST

Project MIDWAY_R Midway River Watershed Restoration Project 319

Start Date 06/01/2001 **Planned Duration** Three years

Purpose blank.

Project Design Grab samples

Assigned Stations

Station ID	Station Name
S003-611	MIDWAY R AT KORBY RD, 2.2 MI NE OF CARLTON, MINNESOTA

Project MILE Minnesota Milestone Site River Monitoring Program

Start Date 10/01/1994 **Planned Duration** Long-term

Purpose Monitor site specific long term trends, at a fixed set of more than 80 stream locations with sufficient length of data record, for a limited list of parameters that measure an aspect of stream health.

Study Area Statewide

Project Summary

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Minnesota Pollution Control Agency

Project Design Sites are visited monthly for 2 years out of every 5 years, with a yearly rotation based on major river basin groupings. Stream water is collected using a grab method at the midpoint of the stream discharge, below the surface.

Assigned Stations

Station ID	Station Name
82-0001	ST. CROIX
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-004	CROW RIVER AT BRIDGE ON CSAH-36 AT DAYTON
S000-006	OTTER TAIL R BRIDGE ON 4TH ST N AT BRECKENRIDGE
S000-007	RAINY R INTERNATIONAL BR AT INTERNATIONAL FALLS
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-013	RED LAKE R DNST OF MN-220 BR IN EAST GRAND FORKS
S000-016	RUM RIVER AT BRIDGE ON PLEASANT STREET IN ANOKA
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-019	ST. CROIX R DNSTRM OF MN-212 BR IN STILLWATER
S000-021	ST LOUIS RIVER AT BRIDGE ON MN-23 AT FOND DU LAC
S000-023	ST. LOUIS R BRIDGE ON US-2, 2 MI SE OF BROOKSTON
S000-024	MISSISSIPPI R MPLS WATERWORKS INTAKE AT FRIDLEY
S000-025	MISSISSIPPI RIVER AT US-169 BRIDGE AT ANOKA
S000-026	MISSISSIPPI R AT 9TH AVE BRG (OLD MN-15) AT SAUK RAPIDS
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-040	MINNESOTA RIVER AT MN-19 BRIDGE AT HENDERSON
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-050	S FK CROW RIVER SH-55 AT ROCKFORD
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-056	ST. CROIX R AT MN-48 BR, 3.5 MI W OF DANBURY, WI
S000-063	RAINY RIVER AT INTERNATIONAL BRIDGE AT BAUDETTE
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-066	RUM RIVER CSAH-24, ST. FRANCIS
S000-067	MISSISSIPPI R UNDER US-14 BRIDGE AT LA CROSSE
S000-068	MISSISSIPPI RIVER AT LOCK AND DAM #2 AT HASTINGS
S000-069	WINTER ROAD RIVER MN-11 BRIDG 4 MI W OF BAUDETTE
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONSVILLE
S000-095	MISSISSIPPI R LOCK & DAM #6 AT TREMPPEALEAU, WIS
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUVERNE
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-108	KAWISHIWI RIVER BR ON MN-1 AT DAM 8 MI SE OF ELY
S000-111	OTTER TAIL R BR ON CSAH-15 WEST OF FERGUS FALLS
S000-113	RED RIVER AT BRIDGE ON CSAH-39, 1 MI W OF PERLEY
S000-119	ST LOUIS R BRIDGE AT CSAH-7, 0.5 MI S OF FORBES
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-129	SUNRISE R. CSAH-9 AT SUNRISE

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-137	CEDAR RIVER AT CSAH-2, 0.5 MILES EAST OF LANSING
S000-139	COTTONWOOD R AT MN-15, 0.5 MI SE OF NEW ULM
S000-141	EAST FORK DES MOINES R AT MN-263, 2 MI NE CEYLON
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-148	MISSISSIPPI RIVER AT BR ON MN-24 AT CLEARWATER
S000-151	MISSISSIPPI RIVER AT BR ON MN-115 AT CAMP RIPLEY
S000-154	MISSISSIPPI R AT MN-6 BRIDGE 8 MI SW OF COHASSET
S000-155	MISSISSIPPI R AT BR ON CSAH-8 7 MI E OF BEMIDJI
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-165	S FK CROW RIVER SH-7 1 MI. N OF MAYER
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-182	RAINY R AT ACCESS OFF SHOREWOOD DR W OF I'FALLS
S000-183	RED RIVER BR ON MAIN AVE AT 3RD ST., IN MOORHEAD
S000-184	RAPID RIVER AT BRIDGE ON MN-11 AT CLEMENTSON
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S000-221	MISSISSIPPI RIVER AT BR ON MN-25 AT MONTICELLO
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-251	BRULE R UPSTRM OF US-61 AT JUDGE CR MAGNEY PARK
S000-252	BEAVER R SOUTH OF CSAH-3 1.5 MI NW OF BEAVER BAY
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S000-258	LESTER R ABOVE SUPERIOR ST., LESTER PK AT DULUTH
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S000-266	MISS R AT DOCK UPSTRM OF WABASHA ST BR, ST. PAUL
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-277	ST. LOUIS BAY BELOW I-535 BRIDGE AT SUPERIOR, WI
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S000-287	MISSISSIPPI R LOCK & DAM #5 3 MI SE OF MINNEISKA
S000-288	WHITewater R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-301	N BR SUNRISE R AT MN-95, 4 MI E OF NORTH BRANCH
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S000-339	MISSISSIPPI R SHIELY CO. DOCK, GREY CLOUD ISLAND
S000-469	BLUE EARTH R AT CSAH-8 2 MI NW OF BLUE EARTH

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-522	BLUE EARTH R AT CSAH-12 1 MI W OF WINNEBAGO
S000-523	BLUE EARTH R AT CSAH-10 1.5 MI S OF WINNEBAGO
S000-820	S FK ZUMBRO R ON CSAH-7 3.4 MI SE OF MAZEPPA
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S001-222	RED RIVER AT BRIDGE 50' UPST RED LK R CONFL
S001-230	VERMILLION R AT HWY 68 BRG, 3/4 MI NE OF ETTER
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-302	BLUE EARTH R AT SH-30, 3 MI W OF AMBOY
S001-327	BLUE EARTH R AT CSAH-34, 2.5 MILES SW OF RAPIDAN
S002-115	MID FK ZUMBRO R AT LAKE SHADY DAM
S003-937	OTTERTAIL R IN TAMARC NWR (USFWS), 16 MI NE DETROIT LAKES
S004-859	WELLS CK AT US-61, 1 MI SE OF FRONTENAC

Project MILLAC-S Mille Lacs Lk Surface WQ Monitoring in Multiple Counties

Start Date 03/01/2007 **Planned Duration** 3 years

Purpose Baseline Monitoring.
CWLA project

Study Area Mille Lacs Lake Watershed in Aitkin, Mille Lacs, and Crow Wing Counties.

Project Design Lab Information: ERA Laboratories

Sample Collection Method and Gear: Grab with Weighted Bucket, Integrated Sampler, Secchi Disk, Transparency Tube.

Field Measurement - Method and Instrumentation: Temperature, Specific Conductance, Salinity, Dissolved Oxygen, pH with YSI Sonde 6820

Obtain Plan Citation Information: Mille Lacs Lake Surface Water Quality Monitoring in Multiple Counties, Final Application - FY 2007 Clean Water Legacy Act Surface Water Assessment Grants.

Author: Janet Smude

Publishing Organization: Mille Lacs Lake Watershed Management Project

Publication Year: 2007

Volume and Page No.: Section III, Pages 3-4

Assigned Stations

Station ID	Station Name
48-0002	MILLE LACS
S000-061	RUM RIVER USH-169 BRIDGE
S001-285	CEDAR CK (LITTLE R), BRIDGE ON SH-47 NORTH OF ISLE
S001-287	PETERSON CREEK, CULVERT UNDER SH-27
S001-296	BORDEN CREEK, CULVERT ON SH-47 BY MALMO
S001-464	GARRISON CK AT US-169, .5 MI NE OF GARRISON
S001-465	SEQUICHIE CK AT US-169 2.8 MI S OF GARRISON
S001-467	MALONE CK AT MN-47 .2 MI N OF ISLE
S001-469	SEVENTEEN CK AT MN-47 2.5 MI S OF MALMO
S001-571	REDDY CK AT MN-18 BRG, 3 MI E OF WEALTHWOOD
S001-579	MORMON CK AT MN-18 BRG, 1 MI NW OF MALMO

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S001-580	SEASTADE CK AT MN-18 BRG, 2 MI E OF WEALTHWOOD
S002-875	UNNAMED STR 1.8 MI W OF WAHKON ON MN-HWY 27
S003-856	RUM R AT TWILIGHT RD, 0.2 MI S OF VINELAND, MN
S004-615	UNN STR AT CSAH 25, 5.5 MI SSE OF GARRISON, MN

Project MILLACSL Mille Lacs Lake Watershed Management Project, CWP Phase I

Start Date 05/01/1999 **Planned Duration** 05-01-2003

Purpose Diagnostic study

Lakes data submitted through CLMP.

Study Area Seventeen Creek, Whitefish Creek, Reddie/Cow/Marmon Creek, Thaines/Malone Creek, Peterson Creek, Rum River at Duckmore Dam, Ditch 36, Barnacle Bill/Reddy Creek, Garrison Creek, Cedar Creek, Borden Creek, Seguchie Creek, Mille Lacs Lake site ML-6, and Mille Lacs Lake site ML-24.

Project Design Lake samples are collected using a 2m integrated depth sampler, subsurface samples are taken with a Hydrolab Scout 2 with H2O Multiparameter Water Quality Data transmitter (or VanDorn), secchi readings taken as well.

Stream samples are collected using a grab sampler. Four stream sites (Garrison, Seguchie, Thaines and outlet) had automatic flow stating gauges that provided continuous stage data. Instantaneous flows were taken at the time of sample collection with a pygmy meter.

Obtain Plan Osgood, Dick. "Final Report and Recommendations of the Mille Lacs Lake Watershed Management Group, Phase I Clean Water Partnership Watershed Management Project." Aitkin Soil and Water Conservation District. 2003.

Assigned Stations

Station ID	Station Name
48-0002	MILLE LACS
S000-061	RUM RIVER USH-169 BRIDGE
S001-285	CEDAR CK (LITTLE R), BRIDGE ON SH-47 NORTH OF ISLE
S001-287	PETERSON CREEK, CULVERT UNDER SH-27
S001-296	BORDEN CREEK, CULVERT ON SH-47 BY MALMO
S001-464	GARRISON CK AT US-169, .5 MI NE OF GARRISON
S001-465	SEQUCHIE CK AT US-169 2.8 MI S OF GARRISON
S001-467	MALONE CK AT MN-47 .2 MI N OF ISLE
S001-469	SEVENTEEN CK AT MN-47 2.5 MI S OF MALMO
S001-571	REDDY CK AT MN-18 BRG, 3 MI E OF WEALTHWOOD
S001-579	MORMON CK AT MN-18 BRG, 1 MI NW OF MALMO
S001-580	SEASTADE CK AT MN-18 BRG, 2 MI E OF WEALTHWOOD

Project MILLERCR Miller Creek TMDL

Start Date 05/01/2007 **Planned Duration** 3 years

Purpose Miller Creek TMDL monitoring for temperature and biota impairment.

Study Area Miller Creek Watershed

Project Design Sample Collection: Grab
Field Measurement: Temperature, spec. cond., DO%, DO concentration, pH, and Turbidity

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Obtain Plan Nathan Schroeder
South St. Louis SWCD
215 N 1st Ave E, Rm. 301
Duluth, MN 55802

Assigned Stations

Station ID	Station Name
S001-169	MILLER CK AT CHAMBERSBURG RD T50N/R14W/S19
S003-070	MILLER CREEK, UPPER GAGE SITE AY HWY 53 IN DULUTH
S003-071	MILLER CREEK, LOWER SITE AT 26TH AVE W IN DULUTH

Project MILL CK Mill Creek Fishkill

Start Date 01/01/2004 **Planned Duration** Longterm
Purpose Fishkill

Assigned Stations

Station ID	Station Name
S000-360	SAUK R AT CR-121 2 MI SE OF ST JOSEPH
S000-361	SAUK RIVER AT CO RD 139 IN ROCKVILLE
S000-444	MILL CK AT MN-23 IN ROCKVILLE
S000-504	SAUK R AT ROAD IN S18 W OF WAITE PARK & ST CLOUD
S003-681	MILL CK, 100 FT UPST OF MANURE RELEASE, 3/4 MI SO ROCKVILLE
S003-682	SAUK R, THRU PRIVATE PROP. OFF JADE RD, 2.5 MI NE ROCKVILLE
S003-683	SAUK R, OFF ISLAND IN R UPST OF CSAH-1 BRG AT SAUK RAPIDS

Project MINNBELL Lake Minnie Belle Project

Start Date 09/01/1991 **Planned Duration** Ongoing
Purpose Problem investigation, lake condition, inflow contributions to lake. Initially conducted a Clean Lakes Program I study, then a CWP Phase II implementation grant, then a CWP Phase II Continuation grant. This lake has very good water quality, so this was/is more a lake protection effort. Although there are creeks flowing into the good quality lake that the study and personal observations have confirmed are "bad" water contributions into Lake Minnie Belle.

The project ID changed from MBELCWP to MINNBELL as of 7/21/2004.

As of 2006, this project is no longer funded. The lab used is MVTL instead of MDH. But the Lake Minnie Belle Improvement Association will continue to submit data for entry into STORET.

Study Area Statewide

Assigned Stations

Station ID	Station Name
47-0119	MINNIE-BELLE
S001-100	DITCH121 TO LK MIN BELLE SWQ/NWQ/S14/T118N/R31W [MB2]
S001-117	OUTLET OF LK MINNIE BELLE E OF CONTROL DAM NEQ/SEQ/S11 [MBO]
S001-118	DITCH TO LK MINNIE BELLE E OF BAY ON SW END OF LK [MB1]
S001-133	INLET TO LK MINNIE BELLE AT END 612 AVE NW SIDE OF LK

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
	[MB3]
S001-134	TILE139 TO LK MINNIE BELLE NWQ/NWQ/S14/T118N/R31W [MB4]
S001-135	DITCH TO LK MIN BELLE AT RD CULVERT SE SIDE OF LK [MB5]
S001-136	TILE TO LK MIN BELLE LOT #66 SE END OF LK
S003-231	UNNAMED DITCH IN SEC 11 AT NW END OF LK MINNIE BELLE [MBO-1]
S003-232	UNN DT AT S END OF WTLND AT SE END OF LK MINNIEBELLE [MB5-1]
S003-233	UNN STREAM AT SMALL LAGOON AT S END OF LK MINNIE BELLE [MB9]
S003-234	SUMP AT LAGOON NEAR SE END LK MINNIE BELLE, LITCHFIELD [MB6]
S003-235	UNN TRIB AT CULVERT IN SEC13 E SIDE LK MINNIE BELLE [MB7-1]
S003-236	TILE (8 IN) AT WETLAND NEAR N END OF LK MINNIE BELLE [MBO-8]
S003-237	UNN TRIB AT WETLAND OUTLT, NE END OF LK MINNIE BELLE [MBO-2]
S004-487	UNN STR (LK MINNIE BELLE OUTLET) AT 624TH AV CULVERT [MBO-3]
S004-488	UNN STR (LK MINNIE BELLE INLET) ON E SIDE OF CSAH-28 [MB2-1]
S004-489	UNN STR (LK MINNIE BELLE INLET) ON W SIDE OF CSAH-28 [MB2-2]
S004-490	UNN STR (LK MINBEL OUTLT) TO SMALL LAGOON AT 193RD ST [M9-1]
S004-491	UNN STR (BECKVILLE DT) AT INT OF 193RD ST & 194TH ST [MB1-1]

Project MISS_INI Upper Mississippi Information Access Initiative

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose Monitoring sites on the Upper Mississippi River

Study Area Upper Mississippi

Assigned Stations

Station ID	Station Name
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-026	MISSISSIPPI R AT 9TH AVE BRG (OLD MN-15) AT SAUK RAPIDS
S000-036	BLUE EARTH RIVER N OF BLUE EARTH
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-066	RUM RIVER CSAH-24, ST. FRANCIS
S000-076	SHINGLE CREEK LYNDAL AV N,MPLS
S000-150	MISSISSIPPI R CSAH-26 BRIDGE, 3 MI W OF ROYALTON
S000-181	PINE RIVER CSAH-11,N. OF CROSBY
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S000-275	OKABENA CK NEAR MIDDLE OF T102N/R39W/S8/SEQ
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-298	OKABENA CK AT CSAH-9 AT OKABENA
S000-636	ST LOUIS BAY ON ST LOUIS R .5 MI S OF DULUTH
S000-953	UNNAMED CK AT CSAH-10 IN T55N/R24W/S4 NEAR BOVEY
S001-022	SF ZUMBRO R IN T108NR14WS23NWQSEQ W OF ORONOCO
S001-153	LEAF RIVER AT CSAH-26, 8 MILES NE OF ALDRICH
S001-320	S BR ROOT R AT CR-118 IN FORESTVILLE ST PK
S001-325	CROW WING R AT BR ON CR-33, 3 MILES E OF STAPLES
S001-326	CROW WING R AT BR ON CR-12 AT NIMROD
S001-523	RICE CK AT CSAH-16 BRG, 2.5 MI N OF CLEAR LAKE
S001-920	COTTONWOOD R AT CSAH 8 BR, 0.4 MI N OF LEAVENWORTH, MN
S001-922	SWAN R AT ITASCA CR-431 BRG, 4 MI NE OF JACOBSON
S001-924	PRAIRIE R AT CSAH 61 BRG, 3.5 MI NE OF GRAND RAPIDS
S001-925	LEECH LAKE R AT CR-139 AT MUD LK DAM, 8.5 MI SW OF DEER R
S001-926	CROW WING R AT CSAH 36 AT SYLVAN DAM, 9 MI SW OF BRAINERD
S001-927	GULL R AT FISHERMAN'S BRG ON CSAH 36, 9 MI SW OF BRAINERD
S001-929	CLEARWATER R AT CSAH 46 BRG, 2.5 MI S OF CLEARWATER
S001-930	PLATTE R AT CR-40 BRG, 2 MI S OF ROYALTON
S001-931	RED EYE R AT CSAH 29 BRG, 7 MI N OF STAPLES
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-278	BIG LAKE CREEK ON CSAH-12, 7 MI E OF BEMIDJI
S002-945	MID BR RUSH R AT CSAH-9, 7.5 MI SE OF GAYLORD, MN
S002-946	MAYHEW CK AT CSAH 8, 4.5 MI E OF ST. CLOUD, MN
S002-947	WATAB R. AT CSAH 1 IN SARTELL, MN
S002-948	SPUNK CK AT CSAH 21, 3.5 MI SW OF ROYALTON, MN.
S002-949	TWO RIVERS AT CSAH 25, 2 MI. E. OF BACKUS, MN
S002-950	LITTLE ELK R AT CSAH 13, 2 MILES N OF LITTLE FALLS, MN
S002-951	RICE R AT CR 56, 9 MILES NE OF AITKIN, MN
S002-952	ST. FRANCIS R. AT CSAH 15, 5.5 MI. SW OF ZIMMERMAN, MN
S002-953	RUM R WEST BRANCH AT CR 102, 1 MI W OF PRICETON, MN
S002-954	SKUNK CR AT CSAH 36, 5 MI SW OF PIERZ, MN
S002-955	RUM RIVER AT CSAH 16, 8 MI N OF MILACA, MN
S002-956	NOKASSIPPI R AT CSAH 2, 3 MI NE OF FORT RIPLEY, MN
S002-957	MISSISSIPPI R AT W COLLEGE DR S IN BRAINERD, MN
S002-958	WING R AT CSAH 23, 2.5 MI N OF VERNDALE, MN
S002-959	FISH HOOK R AT MN 34 ON S SIDE OF PARK RAPIDS, MN
S002-960	STRAIGHT R AT US HWY 71, 3 MI S OF PARK RAPIDS, MN
S002-961	PARTRIDGE R AT CSAH 29, 4 MI NNW OF STAPLES, MN
S002-962	SHELL RIVER AT CSAH 23, 4.5 MILES NE OF MENAUGA, MN
S004-407	WILLOW RIVER AT CSAH-5, 1.5 MI N OF PALISADE, MN
S004-408	MOOSE R AT US-169, 7.5 MI S OF HILL CITY, MN
S004-409	RUM R AT MN-95 BRG AT NE SIDE OF PRINCETON, MN

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project MLACSWCD Mille Lacs County Snake River Watershed Assessment

Start Date 05/01/2006 **Planned Duration** 1 YEAR

Purpose Condition Monitoring: This project is to identify Mille Lacs County's contribution to the Snake River Watershed.

Study Area Statewide

Project Design Sample medium: Water Column

Field Procedure Information:
Sample collection method(s) and gear(s): Grab into bottle.

Laboratory:
ERA Laboratories, Inc., Duluth, Minnesota

Obtain Plan Susan Shaw
Mille Lacs SWCD
900 Hwy 23 West
Milaca, MN 56353
(320) 983-2160
susan.shaw@mn.nacdnet.net

MPCA Project Manager:
Craig Affeldt
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 757-2181
craig.affeldt@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S002-676	KNIFE R AT SH-47, 7 MILES SOUTH OF ISLE
S005-404	GROUNDHOUSE R AT 250TH ST, 10 MI NW OF OGILVIE
S005-406	GROUNDHOUSE R WF, 1/2 MI W OF CSAH-24, 9.5 MI NE OGILVIE

Project MN114134 Beach: Lk Sup, Duluth Lk Walk Rest Rooms, Canal Pk, Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B008	Beach: Lk Sup, Duluth Lk Walk Rest Rooms, Canal Pk, Duluth

Project MN143299 Beach: Lk Sup, Split Rock R Mouth 16.5 mi NE of Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term

Project Summary

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Minnesota Pollution Control Agency

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B021	Beach: Lk Sup, Split Rock R Mouth 16.5 mi NE of Two Harbors

Project MN150766 Beach: Lk Sup, Kadunce Ck Mouth 8 mi NE of Grand Marais

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B033	Beach: Lk Sup, Kadunce Ck Mouth 8 mi NE of Grand Marais

Project MN159760 Beach: Lk Sup, Silver Bay Marina in Silver Bay

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B023	Beach: Lk Sup, Silver Bay Marina in Silver Bay

Project MN178531 Beach: Lk Sup, Split Rock Lthouse St Pk 20 mi NE Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution

Project Summary

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Minnesota Pollution Control Agency

Purpose -Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B022	Beach: Lk Sup, Split Rock Lthouse St Pk 20 mi NE Two Harbors

Project MN201863 Beach: Lk Sup St. Louis R Est, Clyde Av Landing, Smithville

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B002	Beach: Lk Sup St. Louis R Est, Clyde Av Landing, Smithville

Project MN218493 Beach: Lk Sup, Park Point, Lafayette Community Club, Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B005	Beach: Lk Sup, Park Point, Lafayette Community Club, Duluth

Project MN225526 Beach: Lk Sup, Grand Marais Campground in Grand Marais

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B029	Beach: Lk Sup, Grand Marais Campground in Grand Marais

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project MN301415 Beach: Lk Sup, Sugarloaf Cove 4.5 mi SW of Schroeder

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B025	Beach: Lk Sup, Sugarloaf Cove 4.5 mi SW of Schroeder

Project MN324141 Beach: Lk Sup St. Louis Bay, Pk Point, Sky Harbor Lot Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B004	Beach: Lk Sup St. Louis Bay, Pk Point, Sky Harbor Lot Duluth

Project MN327487 Beach: Lk Sup, Flood Bay 1 mi NE of Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B017	Beach: Lk Sup, Flood Bay 1 mi NE of Two Harbors

Project MN344366 Beach: Lk Sup, Grand Marais Downtown/Marina in Grand Marais

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose -Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B030	Beach: Lk Sup, Grand Marais Downtown/Marina in Grand Marais

Project MN346355 Beach: Lk Sup, Park Point at Beach House in Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B003	Beach: Lk Sup, Park Point at Beach House in Duluth

Project MN372694 Beach: Lk Sup, French R Mouth NE of Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B013	Beach: Lk Sup, French R Mouth NE of Duluth

Project MN395249 Beach: Lk Sup, Gooseberry Falls St Pk 13 mi NE Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID 16-0001-B019 **Station Name** Beach: Lk Sup, Gooseberry Falls St Pk 13 mi NE Two Harbors

Project MN407103 Beach: Lk Sup, Agate Bay

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID 16-0001-B039 **Station Name** Beach: Lk Sup, Agate Bay at Boat Landing in Two Harbors

Project MN409498 Beach: Lk Sup, Knife R Marina SW of Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID 16-0001-B035 **Station Name** Beach: Lk Sup, Knife R Marina SW of Two Harbors

Project MN439126 Beach: Lk Sup, Chicago Bay Boat Landing

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID 16-0001-B078 **Station Name** Beach: Lk Sup, Chicago Bay Boat Landing

Project MN452693 Beach: Lk Sup, Duluth Lakewalk East/16th Ave E, Duluth

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B038	Beach: Lk Sup, Duluth Lakewalk East/16th Ave E, Duluth

Project MN459713 Beach: Lk Sup, Stewart R Mouth 3 mi NE of Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B018	Beach: Lk Sup, Stewart R Mouth 3 mi NE of Two Harbors

Project MN503625 Beach: Lk Sup, Twin Points Pub Access 15 mi NE Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B020	Beach: Lk Sup, Twin Points Pub Access 15 mi NE Two Harbors

Project MN524952 Beach: Lk Sup St. Louis Bay, Pk Pt Boat Club/14th St, Duluth

Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose -Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B007	Beach: Lk Sup St. Louis Bay, Pk Pt Boat Club/14th St, Duluth

Project MN545770 Beach: Lk Sup, Tettegouche St Pk 4.5 mi NE of Silver Bay

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B024	Beach: Lk Sup, Tettegouche St Pk 4.5 mi NE of Silver Bay

Project MN570174 Beach: Lk Sup, 42nd Avenue in Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B010	Beach: Lk Sup, 42nd Avenue in Duluth

Project MN590913 Beach: Lk Sup, Schroeder Town Park in Schroeder

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B026	Beach: Lk Sup, Schroeder Town Park in Schroeder

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project MN591851 Beach: Lk Sup, Park Point, Southworth Marsh, Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B036	Beach: Lk Sup, Park Point, Southworth Marsh, Duluth

Project MN603895 Beach: Lk Sup, Burlington Bay in Two Harbors

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B016	Beach: Lk Sup, Burlington Bay in Two Harbors

Project MN713581 Beach: Lk Sup, Lester R Mouth in Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B011	Beach: Lk Sup, Lester R Mouth in Duluth

Project MN718175 Beach: Lk Sup St. Louis R Est, Boy Scout Landing, New Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose -Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B001	Beach: Lk Sup St. Louis R Est, Boy Scout Landing, New Duluth

Project MN761071 Beach: Lk Sup, Leif Erikson Park in Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B009	Beach: Lk Sup, Leif Erikson Park in Duluth

Project MN801949 Beach: Lk Sup, St Louis Bay, Pk Pt 20th St/Hearing Is, Dlth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B037	Beach: Lk Sup, St Louis Bay, Pk Pt 20th St/Hearing Is, Dlth

Project MN802797 Beach: Lk Sup, Park Point at 13th Street in Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Project Summary

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Station ID 16-0001-B006 **Station Name** Beach: Lk Sup, Park Point at 13th Street in Duluth

Project MN804694 Beach: Lk Sup, Cutface Ck Wayside 5 mi SW of Grand Marais

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID 16-0001-B028 **Station Name** Beach: Lk Sup, Cutface Ck Wayside 5 mi SW of Grand Marais

Project MN890106 Beach: Lk Sup, Old Shore Road NE of Grand Marais

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID 16-0001-B031 **Station Name** Beach: Lk Sup, Old Shore Road NE of Grand Marais

Project MN891405 Beach: Lk Sup, Bluebird Landing NE of Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID 16-0001-B014 **Station Name** Beach: Lk Sup, Bluebird Landing NE of Duluth

Project MN918956 Beach: Lk Sup, Brighton Beach (Kitchi Gammi Pk) in Duluth

Project Summary

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Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B012	Beach: Lk Sup, Brighton Beach (Kitchi Gammi Pk) in Duluth

Project MN926506 Beach: Lk Sup, Temperance R St Pk 1 mi NE of Schroeder

Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B027	Beach: Lk Sup, Temperance R St Pk 1 mi NE of Schroeder

Project MN933096 Beach: Lk Sup, Durfee Ck Mouth NE of Grand Marais

Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods
-Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B032	Beach: Lk Sup, Durfee Ck Mouth NE of Grand Marais

Project MN944718 Beach: Lk Sup, Paradise Beach NE of Grand Marais

Start Date 10/01/2002 **Planned Duration** Long-term
Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

-Strengthening beach standards and testing
-Providing faster laboratory test methods

Project Summary

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Purpose -Predicting pollution
-Investing in health and methods research
-Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B034	Beach: Lk Sup, Paradise Beach NE of Grand Marais

Project MN966726 Beach: Lk Sup, Stony Point NE of Duluth

Start Date 10/01/2002 **Planned Duration** Long-term

Purpose The BEACH Program focuses on the following five areas to meet the program goals of improving public health and environmental protection programs for beach goers and providing the public with information about the quality of their beach water:

- Strengthening beach standards and testing
- Providing faster laboratory test methods
- Predicting pollution
- Investing in health and methods research
- Informing the public

Assigned Stations

Station ID	Station Name
16-0001-B015	Beach: Lk Sup, Stony Point NE of Duluth

Project MNMODEL Minnesota River Modeling and TMDL Study

Start Date 07/01/2006 **Planned Duration** long term

Purpose To provide data for the Lower Minnesota River Modeling Project and the updated Minnesota River TMDL Study

Obtain Plan Gary Rott
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, MN 55155
(651) 296-9260
gary.rott@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S004-109	MINNESOTA R AT RIVER MI 15, .5 MI N OF MN-101 IN BLOOMINGTON
S004-122	MINNESOTA R AT RIVER MILE 22.6, N OF MN-101 IN SHAKOPEE
S005-068	MINNESOTA R DWNSTRM OF MN-55 BRG IN MENDOTA HEIGHTS
S005-069	MINNESOTA R AT RIVER MILE 6.7, DWNSTRM OF MN-77 IN EAGAN
S005-070	MINNESOTA R UPSTRM OF I-35W BRG IN BURNSVILLE
S005-129	MINNESOTA R AT RIVER MI 21, .5 MI N OF MN-101 IN SHAKOPEE
S005-280	MINNESOTA R AT RIVER MI 8.5, N OF BLACKDOG RD IN BURNSVILLE
S005-281	MINNESOTA R AT R MI 14.3, UPSTM OF VERNON AVE IN BURNSVILLE

MNRIVER Minnesota River Monitoring Program

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project **Start Date** 01/04/2005 **Planned Duration** 2 years
Purpose Condition Monitoring
Obtain Plan Citation for Plan:
David Christopherson
520 Lafayette Road
St. Paul, MN 55155
david.christopherson@pca.state.mn
651-296-6310

Assigned Stations

Station ID	Station Name
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S001-210	UNN TRIB TO BIG COBB R, SH22 .5 MI N BEAUFORD
S001-231	BLUE EARTH RIVER 150 FT DNST OF RAPIDAN DAM
S001-759	MINNESOTA R AT CSAH 42 AT JUDSON
S003-446	COBB R AT CSAH-16, 4.4 MI NE OF GOOD THUNDER, MN
S003-448	LE SUEUR R AT CSAH 28 IN SAINT CLAIR, MN
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN
S003-860	LE SUEUR R AT CSAH-8, 5.1 MI SSE OF MANKATO, MN
S004-130	MINNESOTA R AT MN-99 IN ST. PETER, MN

Project MNWTRS-S MN Waters Expanding Citizen Monitoring and Assessment (CWLA)

Start Date 05/09/2007 **Planned Duration** 2 Years

Purpose Minnesota Waters Expanding Citizen Monitoring and Assessment
CWLA SWAG project

Study Area 2007: Crow Wing, Wright, and Cass County, Minnesota
2008: Lake Hallett, St. Peter, Minnesota.

Project Design Sample Collection and Field Measurement: Grab sample with integrated sampler.
Transparency with Secchi Disc.

Field Measurements - Methods and Instrumentation: Chlorophyll a and Total Phosphorus
with integrated sampler. Transparency using Secchi Disk.

2008 Laboratory Information: Minnesota Valley Testing Laboratory

Obtain Plan Local Project Address:

2007: Evan Ingebrigtsen, Crow Wing Soil and Water Conservation District, 7118 Clearwater
Road, Crow Wing County, Minnesota.

2008: Courtney Kowalczak, Minnesota Waters, 3907 Porter Road, Duluth, MN 55803. 218-
343-2180. courtneyk@minnesotawaters.org

Assigned Stations

Station ID	Station Name
11-0218	UPPER GULL
18-0018	CAMP (CROOKED)
18-0038	CLEARWATER
18-0050	PORTAGE

Project Summary

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Station ID	Station Name
18-0072	SHIRT
18-0080	GOOSE
18-0093-02	RABBIT (W BASIN)
18-0155	CROW WING
18-0165	ROSS
18-0169	STARK
18-0379	WHITE SAND
18-0399	NISSWA
52-0001	UNNAMED (HALLET)
S001-979	SILVER CR AT 127TH ST, 1.25 MI NE OF SILVER CR, MN
S002-250	SILVER CR ON 134TH ST, 2.15 MI NE OF SILVER CR., MN
S004-531	SILVER CK AT 65TH ST NW, 1.35 MI NW OF MAPLE LK, MN
S004-532	SILVER CK AT FERMAN AVE NW, 1.75 MI N OF MAPLE LK, MN
S004-533	SILVER CK AT 90TH ST NW, 3.75 MI NNE OF MAPLE LK , MN
S004-534	SILVER CK AT CSAH 39, 5.35 MI NNE OF MAPLE LK, MN
S004-535	UNN STR AT CR 123, 6 MI NNE OF MAPLE LK, MN

Project MORR-S Morrison County Lakes Monitoring Program

Start Date 06/01/2008 **Planned Duration** 2 Years

Purpose Lake Condition/303(d) Evaluation.

Study Area Morrison County.

Project Design Laboratory Information:
RMB Environmental Laboratories, Inc.

Field Procedure Information:
Sample Collection Method and Gear - Lake water column with integrated sampler.

Obtain Plan Local Project Coordinator:
Tammy Gangestad
Morrison County Planning and Zoning
213 SE 1st Ave.
Little Falls, MN 56345-3196

Assigned Stations

Station ID	Station Name
49-0005	PEAVY
49-0015	LONG
49-0016	SULLIVAN
49-0024	PIERZ
49-0035	GREEN PRAIRIE FISH
49-0036-01	SYLVAN (MAIN)
49-0036-02	SYLVAN (N. BASIN)
49-0056	ROUND
49-0079	ALEXANDER
49-0081	PINE
49-0133	CROOKNECK

Project Summary

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Station ID	Station Name
49-0137	FISH TRAP
49-0140	CEDAR

Project MPLS_COL Minneapolis Chain of Lakes

Start Date 03/01/1991 **Planned Duration** Ongoing

Purpose Pre-restoration, post-restoration, BMP effectiveness, and monitor the continual health of Minneapolis lakes (condition and effectiveness monitoring).

This project includes Minneapolis Chain of Lakes CWP data migrated from Legacy STORET identified by the grant codes (where P74036 =) 591 or 592.

Study Area All Minneapolis lakes

Project Design Sampling Frequency
Generally sample once in January, March/April, and October, twice monthly in May through September (growing season).

Equipment
2m integrated depth sampler, Kemmerer for deeper samplers, grab samples at surface with white plastic bucket for small ponds and wetlands.

Hydrolab for dissolved oxygen, percent dissolved oxygen, specific conductivity, temperature, pH and depth; secchi for transparency; field sheets for wind speed and direction, percent cloud cover, air temperature, lake users (fishing, boating, etc.).

Quality Assurance (Attached as a blob)

BACKGROUND

Environmental monitoring and management requires the collection of highly reliable data. Data accepted for inclusion in a database must be of known quality and must meet established criteria. A Quality Assurance Program is a defined protocol for sample collection, handling, and analysis to ensure that the quality of the data collected is quantified and tracked. Quality Assurance consists of two components (Standard Methods, 1998):

" Quality Assessment (QA) Periodic evaluations of laboratory performance through the submission and analysis of externally provided blanks, standard solutions, duplicates, and split samples.

" Quality Control (QC) Documented operator competence, recovery of known additions, analysis of internally provided reagent blanks, proper equipment calibration, and maintenance of control charts.

DESCRIPTION

This Quality Assurance Project Plan (QAPP) describes the procedures and quality control measures used for water quality monitoring and laboratory analyses completed in 2003 for the Minneapolis Chain of Lakes monitoring, the National Pollutant Discharge Elimination Systems (NPDES) stormwater monitoring and other studies. The project activities for lake sampling are detailed in the Lake Monitoring Program Overview, Section 1. Stormwater monitoring procedures are explained in the Stormwater Monitoring Program Manual (2001).

The frequency of quality assessment and quality control activities set forth to ensure the validity of the database are listed in Table 17A. The QA/QC plan follows the recommendations of Standard Methods for the Examination of Water and Wastewater (1998).

Table 17A. Summary and frequency of QA/QC activities.

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Quality Assurance	Sample type Description Function Frequency
	Equipment Blank Reagent-grade deionized water subject to sample collection, processing and analysis Used in estimating background values due to sample collection, processing and analysis 10% of samplings trips
	Bottle Blank/Field Blank Reagent-grade deionized water subject to sample processing and analysis Used in estimating background values due to sample processing and analysis; Carried in the field Every sampling trip
	Field Duplicate Duplicate of lake sampling procedures Used in estimating lab batch and sampling procedure precision Every sampling trip
	Blind QA/QC Audit Standard Synthetic sample to mimic a natural sample Used in estimating overall among batch precision and lab bias Once/Month
	Laboratory Calibration Standard Standard solution from a source other than the control standard Used to calibrate the instrument before samples are analyzed One/lab batch (10% of samples)
	Laboratory Calibration Blank Reagent-grade deionized water Used in identifying signal drift and contamination of samples One/lab batch (10% of samples)
	Laboratory Reagent Blank Reagent-grade deionized water plus reagents Used in identifying contamination of reagents One/lab batch (10% of samples)
	Laboratory Control Standard Standard solution from a source other than calibration standard Used in determining accuracy and consistency of instrument calibration One/lab batch (10% of samples)
	Split Samples Split of lake sample sent to different laboratories for analysis Used in determining comparability 2 different lakes, twice during sampling season
	Laboratory Duplicate Split of sample aliquot Used in determining analytical within batch precision of analytical lab measurements 10% of samples (at least one per batch)
	Laboratory Matrix Spike/Matrix Spike Duplicate Known spike of sample (recovery of known additions) Used in determining percent recovery of parameter analyzed 10% of samples (at least one per batch)
	Definitions QA/QC definitions as presented by T.A. Dillaha, et al. (1988) and Standard Methods for the

Project Summary

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Quality Assurance Examination of Water and Wastewater (1998) are used in the presentation of the

Quality Objectives Field instruments are cleaned and serviced annually and as needed. All instruments are calibrated (DO, conductivity, pH, depth) prior to each sampling trip.

The MPRB submits blind monthly performance standards to its testing laboratory. If the laboratory does not achieve 100% +/- 20% recovery generally all the data for that month are flagged (underlined). Field blanks and duplicate samples are taken for every weekly lake sampling trip. Spring and fall equipment blanks are taken to detect any equipment contamination. Split samples are taken with two other laboratories (Three Rivers Parks and Maxim labs) two times a year to detect any between laboratory errors.

Assigned Stations

Station ID	Station Name
27-0014	POWDERHORN
27-0016	HARRIET
27-0018	HIAWATHA
27-0019	NOKOMIS
27-0022	DIAMOND
27-0031	CALHOUN
27-0037	WIRTH
27-0038	BROWNIE
27-0039	CEDAR
27-0040	LAKE OF THE ISLES
27-0058	RYAN
27-0191-01	SARAH (WEST BASIN)
27-0191-02	EAST SARAH (EAST BASIN)
27-0654	SPRING
27-0655-02	LORING (S. BAY)
27-0681	GRASS
27-1118	WEBBER POND
S002-801	N STM SWR INL L HARRIET, 47TH & UPTON AV S, MPLS
S002-803	PIPE INFLW TO BROWNIE L, W OF CEDAR LK PKWY, N SHORE, MPLS
S002-815	STM SWR INLET L CALHOUN, 33RD & E CALHOUN PKWY
S002-816	STM SWR INLET L HARRIET 44TH & THOMAS AV S, MPLS
S002-817	STM SWR INLET L HARRIET, 44TH & L HARRIET PKWY
S002-819	STM SWR INLET TO CEDAR L AT MANHOLE, SW SHORE, MINNEAPOLIS
S002-821	STM SWR INLET TO L OF ISLES, 22ND & JAMES AV S, MPLS
S002-822	STM SWR INLET TO L OF ISLES, 27TH & IRVING AV S, MPLS
S002-823	STM SWR INLET TO LAGOON BTW L OF ISLES/L CALHOUN, MPLS
S002-824	STM SWR INLT L CALHOUN AT 39TH&XERXES AV S, MPLS
S002-825	STM SWR INLT L CALHOUN N OF SOCCER FLD, NW SHORE, MPLS
S002-826	STM SWR INLT L CALHOUN, 36TH & ZENITH AV S, MPLS
S002-827	STM SWR INLT L HARRIET, 48TH & THOMAS AV S, MPLS
S002-828	STMSWR INLT L OF ISLES,EUCLID AV&L OF ISLES PKWY
S002-829	UNN STR AT INL LK OF ISLES FR KENILWORTH LAGOON, MPLS
S002-830	UNN STR INL LAKE CALHOUN AT LAKE ST W, MPLS

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Station ID	Station Name
S002-831	UNN STR INL TO LK HARRIET AT LAKE ST, MPLS
S002-832	UNN STR OUTLET LK HARRIET AT 50TH ST, MPLS
S002-835	UNN STREAM BTW BROWNIE L/CEDAR L, MINNEAPOLIS
S002-920	S STM SWR INL L HARRIET, 47TH & UPTON AV S, MPLS
S002-921	STM SWR INLET TO BROWNIE L, MANHOLE SW LK SHORE, MINNEAPOLIS
S002-922	STM SWR INLET TO CEDAR L, 24TH ST & CEDAR L PKWY, MINNEAPOLIS
S002-923	UNN STR OUTLET OF TWIN LAKES, ST. LOUIS PARK
S002-924	UNN STREAM AT OUTLET BASS L, ST LOUIS PK

Project MSPI_COR Mississippi Corridor Neighborhood Coalition (MCNC)

Start Date 01/01/2002 **Planned Duration** Ongoing

Purpose Volunteer water testing program

Study Area Main stem of the Mississippi River from the Minneapolis City limits to St. Anthony Falls

Assigned Stations

Station ID	Station Name
S001-303	MISS R AT MPLS, BLW RR BR DWNST OF 10TH AVE BR
S003-017	MISSISSIPPI RIVER AT CAMDEN BOAT LAUNCH
S003-018	MISSISSIPPI RIVER AT BOOM ISLAND
S003-019	MISSISSIPPI RIVER AT NORTH MISSISSIPPI REGIONAL PARK

Project MTRIBS-S Monitoring Tribs to the L Cannon R, Belle Ck & Spring Ck

Start Date 04/15/2008 **Planned Duration** 2 years

Purpose Collect grab samples from each of the 3 stream sites in the Lower Cannon River Watershed for stream assessment.

Project Design Sample Collection Methods: Bucket to collect grab samples when needed.

Field Measurements: tape measure, T-tube and sonde to collect field data: temp, stage, DO, conductivity, pH, DO and total dissolved solids.

Laboratory Name:
RMB Environmental Laboratories, Inc.
22796 County Hwy 6 Blvd.
Detroit Lakes, MN 56051-7002

Contact Name:
Teresa Schlieman
218-846-1465
streams.rmbel@eot.com

Obtain Plan Citation for Plan:

Ron Schwartz
MPCA
520 Lafayette Road
St. Paul, MN 55155
651-297-2915
ronald.schwartz@pca.state.mn.us

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Assigned Stations

Station ID	Station Name
S004-804	BUTLER CK AT CSAH-14 BRG, 4 MI S OF CANNON FALLS
S004-805	UNN STR TO BELLE CK, E OF WHITE RK TRL, 7 MI E OF CANN FALLS
S004-806	SPRING CK AT PEACEFUL RIDGE BRG IN RED WING

Project MUDCK-S Mud Creek Surface Water Assessment Grant (SWAG)

Start Date 04/01/2008 **Planned Duration** 2 years

Purpose Implementation project with monitoring to document results.

Study Area Mud Ck S004-391

Project Design Field Procedure Information: Samples will be collected using procedures outlined in the QAPP. Field meters will be calibrated before each use and documented in a Microsoft Excel spreadsheet.

Sample Collection Method(s) and Gear(s): Samples will be collected using the grab method with a pail.

Field Measurements - Instrumentation: This site is currently part of our Water Sampling Program in Rock County and is currently being sampled for total phosphorus, ortho phosphorus, total suspended solids, ammonia nitrogen, and nitrate-nitrite nitrogen, dissolved oxygen, pH, temperature, water height and visual observations. It was requested by the MPCA assessment group to collect additional E.coli data to assist in TMDL assessment.

Turbidimeter Make and Model: N/A

Lab: MVTL, New Ulm, Minnesota

Obtain Plan Arlyn Gehrke
Rock County Land Management Office
311 W. Gaberialson Road
Luverne, MN 56156
507-283-8862 Ext. 3
arlyn.gehrke@co.rock.mn.us

MPCA Project Manager:
Lee Engel
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-297-4150
lee.engel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S004-391	MUD CK ON 21ST STREET BRG, .5 MI S OF HILLS

Project MULTI-CO Multi-County River Monitoring

Start Date 04/23/1998 **Planned Duration** Ongoing

Purpose Surface Water Quality Monitoring

Study Area Statewide

Project Design Sample Collection Method(s) and Gear(s):
Beta Water Sampler dropped from center of bridge.

Project Summary

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Minnesota Pollution Control Agency

Project Design Field Measurements - Methods and Instrumentation:
pH, Spec. Cond., TDS, temp, DO, transparency with individual HACH meters until Sept. 2005
when Spec. Cond., TDS, temp, pH, DO, transparency with Hydrolab sonde YSI 600 w/ 650
handpad.

The HACH meters were as follows: Turbidity meter was Hach 2100P, DO meter was Hach
175 model 50175, and pH was Hach EC10 model 50050.

Lab:
RMB Lab
rmbel@eot.com
Robert Borash
218.846.1465

Obtain Plan Mike Vavricka
Detroit Lakes Regional Office
714 Lake Avenue
Detroit Lakes, MN 56501
phone: 218.846.0776
michael.vavricka@pca.state.mn.us
www.pca.state.mn.us/data/eda

Assigned Stations

Station ID	Station Name
S002-076	RED LK R ON FIRST ST BRG IN THIEF RIVER FALLS
S002-121	CLEARWATER R AT CR96 7 MI E OF ROLAND
S003-942	RED LK R AT ST HILAIRE BRG ON CSAH-3, 6 MI S THIEF RIV FALLS
S003-943	BLACK R (SOUTH) AT CR-100, 17 MI SW OF THIEF RIVER FALLS
S003-944	RED LAKE R BRG XING ON 420TH AVE SE, 27 MI SE THIEF R FALLS
S003-945	THIEF R AT GOLF COURSE BRG ON CSAH-31, 2 MI N THIEF R FALLS
S003-946	GOOSE LK SWAMP (GOOSE LK OTLT) 1 MI E CSAH-3, 2 MI N DOROTHY
S003-947	RED LAKE R KRATKA BRG ON CSAH-22, 9 MI SE THIEF RIVER FALLS
S003-948	BLACK R (NORTH) AT CR-58 CULVERT, 14 MI SW OF THIEF R FALLS

Project MWMO Mississippi Watershed Management Organization

Start Date 06/01/2003 **Planned Duration** Long term

Purpose Condition, assessment for impaired waters.

Study Area Mississippi River, River Miles 848.2-859.1 upstream from Cairo, IL and Loring Pond - large
pond.

Project Design Sample Collection Methods: Grab by wading into water.

Field Measurements: e.coli, fecal coliform, DO, spec. cond., cond., salinity, temp with YSI
85, pH with ISFET pH Meter Model IQ 120.

Lab Info:

Laboratory Name:
Minneapolis Health Department Laboratory
250 S 4th St. Room 523
Minneapolis, MN 55415

Project Summary

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Minnesota Pollution Control Agency

Project Design Contact: Tom Oehler
612-673-2064
thomas.oehler@ci.minneapolis.mn.us

Obtain Plan Citation for Plan:

Mississippi Watershed Management Organization
2520 Larpenteur Ave W.
Lauderdale, MN 55113
651-287-0943 ex. 204
koquist@mwmno.org

Assigned Stations

Station ID	Station Name
27-0655-02	LORING (S. BAY)
S004-652	MISSISSIPPI R AT RIVER MILE 859.1 OFF LYNDAL AND 53RD AVE.
S004-653	MISSISSIPPI R AT RIVER MILE 857.8 AT MISS PK AND BOAT LAUNCH
S004-654	MISSISSIPPI R AT RIVER MILE 854.9 AT NORTH LOOP ON WEST BANK
S004-655	MISSISSIPPI R AT RIVER MILE 852.2 AT UM ROWING CLUB IN MPLS
S004-656	MISSISSIPPI R AT RIVER MI 849.9 AT THE LAKE ST BRG IN MPLS
S004-657	MISSISSIPPI R AT R MILE 848.2, OFF 4300 W R PRKWAY IN MPLS

Project NCANNON North Cannon Watershed Monitoring

Start Date 05/01/2006 **Planned Duration** Indefinitely

Purpose Condition-to establish baseline conditions and examine water quality trends in the North Cannon Watershed.

Project Design Laboratory: Metropolitan Council

Field Procedure Information: Monthly low flow and event grab samples.

Sample Collection Methods and Gear: Grab samples with weighted bucket or telescoping rod.

Field Measurements: Stage, transparency tube, DO (hydrolab), pH (hydrolab), temperature (hydrolab)

Obtain Plan Citation for Plan:

Travis Bistodeau
Dakota County Soil and Water Conservation District
4100 220th St. W. Suite 102
Farmington, MN 55024
651-480-7783
travis.bistodeau@co.dakota.mn.us

Assigned Stations

Station ID	Station Name
S001-347	MUD CK AT MN-3 BR, 3 MI N OF NORTHFIELD, MN
S001-671	N BRANCH CHUB CREEK, AT 290TH ST, 2.5 MI W OF RANDOLPH
S001-936	TROUT BK 4 MI S OF MIESVILLE, MN
S002-530	PINE CK AT 280 ST. 2.5 MI N OF CANNON FALLS, MN
S002-533	CHUB CK AT CR-83. 0.2 MI S OF RANDOLPH, MN

Project Summary

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Station ID	Station Name
S002-536	TROUT BK W BR AT MIESVILLE TRAIL 5 MI NE OF CANNON FALLS, MN
S002-537	TROUT BK E BR AT MIESVILLE TRAIL 5 MI NE OF CANNON FALLS, MN
S004-257	UNN STRM (PINE CK) AT MN-56, 2.5 MI NE OF RANDOLPH
S004-258	JD 1 (PINE CK) AT CSAH-85, 3.5 MI NW OF CANNON FALLS

Project NEMADJ-L Nemadji River/Deer Creek Turbidity Study TMDL

Start Date 01/01/2007 **Planned Duration** Long Term

Purpose Nemadji River / Deer Creek Turbidity Study TMDL.
Impaired aquatic life based on turbidity.
TMDL study.
Funding type is CWLA.
Duration: Set up for 2 years but will extend per Kristen Swenson.

Study Area Nemadji Watershed

Project Design Laboratory name:
1. ERA Laboratory
2. MDH Laboratory

Sample Collection Method and Gear: YSI hand held multiprobe; t-tube.

Field Measurements - Methods and Instrumentation: Turbidity, pH, spec. cond., temp., DO with YSI.

Grab samples analyzed for TSS and turbidity.

Turbidimeter Make and Model: YSI 6820.

Obtain Plan Local Project Manager:

Kirstin Swenson
Carlton County Soil and Water Conservation District
515 5th St. South
PO Box 29
Carlton, MN 55718

Assigned Stations

Station ID	Station Name
S000-110	NEMADJI R. N FORK BY WRENSHALL
S003-250	DEER CK AT MN-23, 1 MI S OF PLEASANT VALLEY, MINNESOTA
S004-929	DEER CK AT CSAH-3, 8 MI S OF CARLTON, MN
S004-930	UNN STR AT CSAH-3, 8.5 MI S OF CARLTON, MN
S004-931	UNN STR AT CSAH-6, 9 MI S OF CARLTON, MN
S004-932	DEER CK AT CSAH-6, 9 MI SSE OF CARLTON, MN

Project NEMADJI Nemadji River Basin Project

Start Date 05/11/1999 **Planned Duration** Seven years

Purpose To provide a sound approach to understand the non-point source pollution entering the river system and therefore be able to propose realistic implementation strategies.

Project Summary

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Purpose This project is supported by grant CFMS #A50076 (8-25-2003 to 8-24-2006).

Update: Project received extension to August 2007 and water quality samples for TMDL will be collected during summer 2007. No samples will be collected under CWP Phase II.

Study Area Nemadji, Deer and Rock River at Highway 23.

Project Design Wade into stream and collect a grab sample in a bottle. Hydrolab used for temperature, pH, dissolved oxygen, specific conductivity, and total dissolved solids.

Assigned Stations

Station ID	Station Name
S000-110	NEMADJI R. N FORK BY WRENSHALL
S001-235	NEMADJI R. 70 YD. DNST. OF CO. RD C, WI.
S003-250	DEER CK AT MN-23, 1 MI S OF PLEASANT VALLEY, MINNESOTA
S003-251	ROCK CK AT MN-23, 0.5 MI E OF PLEASANT VALLEY, MINNESOTA
S003-270	CLEAR CK AT B. BENSON BRIDGE, 2.5 MI SE DUESLER, MINNESOTA

Project NFCROWWM North Fork Crow Water Monitoring

Start Date 04/30/2007 **Planned Duration** Long-term

Purpose Condition

Part of the Intensive Watershed Monitoring Program in STORET.

Part of the CROWS STORET Program.

Project Design Sample Collection Methods: Grab with weighted bucket

Obtain Plan Citation for Plan:

Aaron Onsrud
MPCA
520 Lafayette Road
St. Paul, MN 55155
aaron.onsrud@pca.state.mn.us
651/296-7736

Assigned Stations

Station ID	Station Name
S000-897	GROVE CK AT RD BTN S6/32 7 MI NE OF GROVE CITY
S000-919	JEWITTS CK AT RD BTN S23/26 3 MI N OF LITCHFIELD
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-972	TWELVEMILE CR AT CSAH 7, 2 MI NW OF WAVERLY, MN
S002-018	MILL CK ON CSAH-12, 3 1/2 MI SW OF BUFFALO
S002-020	CO. DT 31 ON MN-25, JUST NO OF US-12, 4 MI NW OF DELANO
S002-021	UNN OUTLET FROM COKATO LAKE ON CSAH-4, 3.5 MI NE OF COKATO
S002-024	N FK CROW R ON CSAH-19 AT KINGSTON
S002-030	UNN TRIB TO CROW R ON CSAH-19 AT ST. MICHAEL
S002-293	CROW R, MF AT CSAH 2, 7 MI E NE OF SPICER, MN
S002-299	CROW R MF AT CSAH 40, 1.5 MI W OF NEW LONDON, MN
S002-357	CROW R, N FK AT BRG ON CSAH 34, 3.5 MI SE OF PAYNESVILLE, MN
S003-935	CD-9 AT CSAH-21, 2.1 MI S OF KINGSTON, MN

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Station ID	Station Name
S004-420	COLLINWOOD CK AT 250TH ST, 3 MI NE OF DASSEL
S004-421	MF CROW R AT CSAH-30, 1 MI S OF MANANNAH
S004-433	CROW R JUST E OF CSAH-36, 4 MI N OF ROGERS

Project NFCRWD North Fork Crow River Watershed District
Start Date 01/01/2005 **Planned Duration** Long-term

Purpose Ambient monitoring

Part of the CROWS STORET Program.

Assigned Stations

Station ID	Station Name
61-0023	GROVE
73-0144	PIRZ
73-0196	RICE
73-0200-01	KORONIS (MUD)
73-0200-02	KORONIS (MAIN BASIN)
S001-508	N FK CROW R NEAR CSAH-20 BRG, 6 MI SSE OF PAYNESVILLE
S001-510	N FK CROW R NEAR 263RD AVE BRG, 3 MI ESE OF PAYNESVILLE
S001-942	CO DT 4 AT 390TH ST CULVERT, 4.5 MI S OF PAYNESVILLE
S002-027	N FK CROW R ON CSAH-19, 5 MI E OF BELGRADE
S002-029	N FK CROW R, BRG ON GRVL RD, W MN-4, 5 1/2 MI S PAYNESVILLE
S002-354	CROW R, N FK, AT BRG ON CSAH 6, 3.2 MI W OF PAYNESVILLE, MN
S002-355	CROW R, N FK AT BRG ON MN-55/4, 4.5 MI SE OF PAYNESVILLE, MN
S002-357	CROW R, N FK AT BRG ON CSAH 34, 3.5 MI SE OF PAYNESVILLE, MN
S002-381	CROW R, N FK, AT CD 32 ON CSAH 27, 5.5 MI NE OF BROOTEN, MN
S002-382	CD32 ON 295TH ST, 4.8 MI NE OF BROOTEN, MN
S002-383	CROW R, N FK, AT CSAH 27, 4.5 MI NE OF BROOTEN, MN
S002-384	SEDAN BRK AN IRONSIDE RD, 3.5 MI NE OF BROOTEN, MN
S002-385	SKUNK R AT BRG ON I-71, 3 MI NE OF BELGRADE, MN
S002-386	CD7 AT 275TH ST, 4.8 MI N OF BELGRADE, MN
S002-388	CD7 AT CSAH 13, 4.4 MI N OF BELGRADE, MN
S002-389	JD1 AT CSAH 33, 3.5 MI NE OF SEDAN, MN
S002-390	JD1 AT 208TH ST, INLET TO GROVE LK, 3.5 MI NE OF SEDAN, MN
S002-391	JD1 NEAR DAM AT S GROVE LK ST, 4 MI NE OF SEDAN, MN
S002-392	JD 1 AT CSAH 22 NR LINCOLN CK OUTLT, 3.75 MI NE OF SEDAN, MN
S002-393	JD 1 NEAR CSAH 18 AT 47OTH AVE, 7 MI NE OF BROOTAN, MN
S002-943	JD-1A AT CR-3, 11 MI NW OF ST PETER, MN

Project NFLCROW North Fork - Lower Crow River Watershed TMDL - Phase II

Project Summary

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Start Date 03/27/2008 **Planned Duration** 12-31-2009

Purpose Problem investigation (DO, Bacteria, Turbidity). TMDL Study.

2008 Project Detail:

This TMDL project covers two contracts, one with Wenck Associates and one with Crow River Organization of Water. Pre 2008 this was a 319 project covered under STORET Project ID CWPCROWR.

Study Area North Fork Lower Crow River Basin: Meeker, Wright, Hennepin.

Project Design

Laboratory:
Wenck - Instrumental Research, Inc, 1126 7800 Main Street NE, Fridley, MN 55432
Crow River Organization of Water - MDH Lab

Wenck Associates:

Sample Collection Method and Gear - Grab with Bucket
Field Measurement Method and Instrumentation - Temp, DO, Cond, pH with YSI. Gauged flow with velocity meter
Turbidimeter Make and Model Gage Type - Son Tek Flow Tracker
Probe Make and Model - YSI 6820

Crow River Organization of Water:

Sample Collection Method and Gear - Weighted Van Dorn Horizontal Sampler
Field Measurements Method and Instrumentation - YSI 650 MDS Sonde
Turbidimeter and Probe Make and Model - YSI 650 MDS Sonde

Obtain Plan

Citation for Project Plan:
North Fork - Lower Crow River Field Sampling and Quality Assurance Plan
Wenck Associates, Inc.
Crow River Organization of Water
Publication Year 2008

Assigned Stations

Station ID	Station Name
S000-294	JEWETTS CREEK BETWEEN S13/24, 4 MI N LITCHFIELD
S000-847	GROVE CK AT CSAH-3 7.5 MI NE OF GROVE CITY
S000-848	GROVE CREEK AT CSAH-16 5 MI NE OF GROVE CITY
S000-850	GROVE CK AT RD BTN S19/30 3 MI NE OF GROVE CITY
S000-854	GROVE CK AT US-12 1 M E OF GROVE CITY
S000-921	JEWITTS CK S END DTCH BTN S36/31 N OF LITCHFIELD
S000-923	JEWITTS CR AT CSAH-42/ARMSTRONG AV AT LITCHFIELD
S001-255	SF CROW R, BR AT BRIDGE AVE IN DELANO
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-499	UN TRB TO N FK CR R AT ARMITAGE AV SE BRG 2 MI S OF MONTROSE
S001-502	JEWETT CK NEAR 300TH ST BRG, 4 MI N OF LITCHFIELD
S001-517	N FK CROW R AT CSAH-4 BRG, 1.5 MI W OF ALBRIGHT
S002-018	MILL CK ON CSAH-12, 3 1/2 MI SW OF BUFFALO
S002-019	N FK CROW R ON CSAH-9, 2 1/2 MI N OF WAVERLY
S002-020	CO. DT 31 ON MN-25, JUST NO OF US-12, 4 MI NW OF DELANO
S002-026	N FK CROW R AT CSAH-22, 3 1/2 MI E OF MANANNAH
S002-030	UNN TRIB TO CROW R ON CSAH-19 AT ST. MICHAEL

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Station ID	Station Name
S004-796	CROW R AT NEW CSAH-116 BRG, 2 MI E OF ST. MICHAEL
S005-330	JEWITTS CR AT 260TH ST IN LITCHFIELD, MN

Project NLAP National Lake Assessment

Start Date 05/01/2007 **Planned Duration** 1 year
Purpose Condition

Project Design Sample Collection Methods: Core devices and surface grabs
Field Measurements: pH, temperature, conductivity, dissolved oxygen
Probe Make and Model: Hydrolab MS5

Obtain Plan Citation for Plan:

Matthew Lindon
MPCA
520 Lafayette Road
St. Paul, MN 55155
matthew.lindon@pca.state.mn.us
651-297-8218

Assigned Stations

Station ID	Station Name
03-0010	STRAIGHT
03-0029	HUNGRY MAN
03-0242	FLAT
03-0287	PICKEREL
04-0030	CASS
07-0060-01	EAGLE (NORTH)
11-0022	SPRING
11-0102	ISLAND
11-0411	PINE MOUNTAIN
11-0480	LONG
14-0029	UNNAMED (NORTH MAYFIELD)
15-0010	ELK
16-0104	MUSQUASH
16-0204	ASPEN
16-0414	VESPER
16-0643	RICHEY
18-0123	LOOKOUT (CROCKER)
18-0155	CROW WING
18-0308	PELICAN
18-0408	MAYO
21-0054	VICTORIA
21-0080	DARLING
21-0291	RED ROCK
21-0336	FANNY
27-0019	NOKOMIS

Project Summary

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Station ID	Station Name
31-0266-01	LONG
31-0770	UPPER HATCH
33-0027	SPRING
34-0141	WOODCOCK (W WOODCOCK)
34-0154	NEST
34-0251	NORWAY
38-0472	BECOOSIN
38-0691	AUGUST
40-0002	UPPER SAKATAH
41-0055	NORTH ASH
43-0014	SOUTH
44-0157	ALLEN
46-0051	OKAMANPEEDAN
47-0015	JENNIE
56-0114	WEST LEAF
56-0356	FAIRY
56-0476	MAINE (ROUND)
56-0829	PEBBLE
60-0307	UNNAMED
62-0073	SNAIL
69-0005	ALRUSS
69-0129	SPRING
69-0154	ARTHUR
69-0341	LAMB
69-0611	LOST (HORSESHOE)
70-0069	FISH
76-0149	SOUTH DRYWOOD
76-0169	NORTH DRYWOOD
86-0069	LONG
86-0263	COKATO

Project NOKASI-S CWLA Surface Water Assessment of the Nokasippi Watershed

Start Date 06/01/2007 **Planned Duration** 2 years

Purpose Condition
CWLA project

Study Area Nokasippi River Watershed

Project Design Sample Collection Methods and Gear: grab with bucket

Obtain Plan Local Project Coordinator:

Mary Jane Reetz
Nokasippi Watershed Group
7118 Clearwater Rd.
Baxter, MN 56425
218-829-3272

Project Summary

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Minnesota Pollution Control Agency

Obtain Plan mary.reetz@mn.usda.gov

Assigned Stations

Station ID	Station Name
18-0104	NOKAY
18-0147	ROUND
18-0148-01	TWIN (WEST BASIN)
18-0148-02	TWIN (EAST BASIN)
S002-956	NOKASSIPPI R AT CSAH 2, 3 MI NE OF FORT RIPLEY, MN
S004-326	DAGGETT BK AT NOKASIPPI RIVER ROAD SE, 9 MI SE OF BRAINERD
S004-327	GRAVE LAKE OUTLET (UPPER HAY CK) AT CSAH-8, 10 MI E BRAINERD
S004-328	NOKASIPPI R ON CSAH-23, 8 MI SE OF BRAINERD
S004-329	NOKASIPPI R @ CSAH-9, 9 MI SE OF BRAINERD
S004-330	LITTLE NOKASIPPI R AT TOWN LINE ROAD, 10 MI NE OF RANDALL
S004-331	NOKASIPPI R AT CSAH-21 BRG, 7 MI NE OF FORT RIPLEY
S004-332	NOKASIPPI R AT MN-371, 3/4 MI N OF FORT RIPLEY
S004-334	LITTLE NOKASIPPI R AT 123RD ST, 1 1/2 MI NE OF FORT RIPLEY
S004-650	NOKASIPPI R ON CSAH 25, 7.9 MI SE OF BRAINERD, MN
S004-651	NOKASIPPI R AT CSAH 24, 8.5 MI SE OF BRAINERD, MN
S004-706	HAY CR AT UNKNOWN RD (HAY CR RD) 9 MI S OF BAXTER, MN

Project NSHORE-S Volunteer assisted wq/bio monit. of N Shore Superior strms

Start Date 04/07/2008 **Planned Duration** 16 months

Purpose The overall project goal is to develop complementary (same year) physical, biological and chemical data sets for a range of agency-prioritized streams to process and/or incorporate historical, but modern, biological data into the overall STORET database.

Project Design Sample Collection Methods: Grab with sampling pole and attached clean sampling bottle; multiple grabs are integrated into clean plastic carboy or bucket for distribution into analyte-specific container and for transparency tube measurements.

Field Measurements: pH, specific conductivity (EC@25), temperature and DO measured with Hydrolab Minisonde; specific conductivity (EC@25), temperature and DO measured with YSI 85; 120 or 100 cm T-tube.

Turbidimeter Make and Model: Hach 2100P

Marsh-McBirney velocity meter with stream height measured using tape-down method from permanent structure; discharge will be calculated using periodic cross-sectional velocity and area measurements and resulting rating curves.

Laboratory Name:
Natural Resources Reserach Institute Central Analytical Lab
5013 Miller Trunk Highway

Contact Name:
Elaine Ruzycski
218-720-4337
eruzycski@nrri.umn.edu

Laboratory Name:

Project Summary

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Project Design Western Lake Superior Sanitary District
2626 Courtland Street, Duluth, MN 55806

Contact Name:
Joseph Mayasich
218-722-3336
joe.mayasich@wlssd.duluth.mn.us

Laboratory Name:
North Shore Analytical, Inc.
4511 W. 1st Street, Suite 1, Duluth, MN 55807

Contact Name:
Linda Christensen
218-729-4658
info@northshoreanalytical.com

Assigned Stations

Station ID	Station Name
S000-253	CASCADE RIVER AT US-61 BRIDGE SW OF GRAND MARAIS
S000-256	GOOSEBERRY R DOWN OF US-61 GOOSEBERRY STATE PARK
S000-263	SPLIT ROCK R ABV US-61 5 MI NE OF CASTLE DANGER
S003-979	ENCAMPMENT R AT MOUTH OF LK SUP, 7 MI NE OF TWO HARBORS, MN
S004-364	TISCHER CK AT WALLACE AVE "MT. ROYAL", DULUTH
S004-365	TISCHER CK, UPSTREAM OF LONDON RD "GLENSHEEN", DULUTH
S004-950	AMITY CK, EB ABOVE CONFLUENCE WITH AMITY CK, WB IN DULUTH
S004-951	UNN STR (SUGAR LOAF CK) AT US-61, 6 MI SW OF SCHROEDER
S004-952	KINGSBURY CK AT LK SUPERIOR ZOO IN DULUTH
S004-953	CHESTER CK AT COLLEGE OF ST. SCHOLASTICA IN DULUTH
S004-954	CARIBOU R AT US-61, 10 MI N OF ILLGEN CITY
S004-955	BEAVER R JUST UPSTRM OF US-61 AT BEAVER BAY
S004-956	UNN STR (SIMIAN CK) AT BREVATOR RD, 6.5 MI NW OF CLOQUET
S004-957	UNN STR (KNOWLTON CK) DWNSTR OF MN-23 IN DULUTH
S004-958	BUCKINGHAM CK AT W 3RD ST IN DULUTH
S004-959	UNN STR (COFFEE CK) JUST E OF MILLER CK ON COURTLAND ST

Project NSLSWCD North St. Louis SWCD

Start Date 01/01/1994 **Planned Duration** Long-term

Purpose County water monitoring program

Assigned Stations

Station ID	Station Name
69-0041	BASSETT
69-0114	CADOTTE
69-0218	EAGLES NEST #4
69-0278	ARMSTRONG
69-0285-01	EAGLES NEST #1

Project Summary

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Station ID	Station Name
69-0285-02	EAGLES NEST #2
69-0285-03	EAGLES NEST #3
69-0521	LEORA (ELORA)
69-0522	WINKLE (S. LEORA)
69-0523	DODO (W. LEORA)
69-0525	ROSE
69-0529	STRAND
69-0646	MURPHY
69-0651	ST. MARY'S
69-0653	LONG
69-0654	HORSESHOE
69-0660	ELY
69-0700	MAPLE LEAF
69-0736	SAND
69-0841	PELICAN
69-0932	PERCH
69-0933	SIDE
69-0939-01	STURGEON (MAIN BASIN)
69-0939-02	MIDDLE STURGEON
69-1290	LITTLE STURGEON

Project NS_LOAD North Shore Load Project
Start Date 01/01/1967 **Planned Duration** Long-term
Purpose Load Monitoring / Stream Sites on North Shore

Assigned Stations

Station ID	Station Name
S000-251	BRULE R UPSTRM OF US-61 AT JUDGE CR MAGNEY PARK
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S001-235	NEMADJI R. 70 YD. DNST. OF CO. RD C, WI.
S001-257	CROW R AT BR AT BRIDGE ST IN ROCKFORD, MN
S001-753	POPLAR R ON FTBRG UPST OF LUTSEN SKI HILLS, LUTSEN, MN
S001-754	FRENCH R AT ST. LOUIS CO HWY 50, 7 MI N OF DULUTH, MN
S001-755	TALMADGE R AT CO RD 281, 3 MI N OF DULUTH, MN
S001-756	SUCKER RIVER AT ST. LOUIS CTY RD 290, 7 MILES N OF DULUTH, M
S001-757	AMITY CK ON FIRST BRG ON OCCIDENTIAL BLVD IN DULUTH
S004-406	POPLAR R AT GOLF COURSE BR IN LUTSEN, MN

Project OCHBEL-S Ocheda and Bella Lakes Assessment Monitoring Project (SWAG)
Start Date 06/01/2008 **Planned Duration** review annually
Purpose Effectiveness
Study Area Lake Ocheda 53-0024-01

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Study Area Lake Bella 53-0045

Project Design Lab: Minnesota Valley Testing Laboratory, New Ulm

Sample Collection Method(s) and Gear(s) - Grab
Field Measurements - Methods and Instrumentation - Secchi Disk

Sample Medium: water column

Obtain Plan Dan Livdahl
Okabena-Ocheda Watershed District
Nobles County Public Works Building
960 Diagonal Road
PO Box 114
Worthington, MN 56187
(507) 372-8228
dan.livdahl@okabenaowedawd.org

MPCA Project Manager:
Lee Engel
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-297-4150
lee.engel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
53-0024-01	OCHEDA (WEST BASIN)
53-0045	BELLA

Project OGECHIE Ogechie-Wetland Sampling Project (319-funded)

Start Date 08/01/2002 **Planned Duration** 08-01-2006

Purpose The Ogechie-Wetland Sampling Project was funded by the Rum River Watershed Equip 319 Grant.

On 5-6-2003 this project was inaccurately called CWPRUMR. The Project Name was Rum River Baseline pre Wastewater Treatment Plant (WWTP) CWP, and the text entered on 5-6-2003 follows.

The Mille Lacs Band of Ojibwe is developing a WWTP to service the west side of Mille Lacs Lake. Currently, the majority of the area residents and businesses utilize individual septic treatment systems. There have been estimates of these systems failing at a rate of up to 90% in certain areas; however, these numbers are not thought to be observed in most of the watershed. The Mille Lacs area is particularly susceptible to failure of these systems due to the high water table in the area. From the perspective of Mille Lacs Lake this will reduce the loading of pollutants such as phosphorus, total suspended solids and biological oxygen demand to the lake.

Discharge from the Mille Lacs Band of Ojibwe's current settling lagoon system is into Mille Lacs Lake. This and waste from the surrounding area would be treated and sent to a wetland complex upstream from Rum River. There is concern that Mille Lacs Lake Watershed Management Group in conjunction with the Mille Lacs SWCD and NRCS Milaca field office proposed gathering of baseline data prior to development of this operation and subsequent post construction data to determine effects, if any, of this operation on the Rum River.

Currently, the Environmental Protection Agency is scheduled to have primacy on the regulation of this treatment plant. There is concern in the area that regulation coming from the federal government will not be enough to protect the Rum River, a wild and scenic

Project Summary

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Purpose designated recreation area. Obtaining data from the EPA is best described as difficult. This sampling plan would serve two purposes: the first to determine if there is any negative impacts to this state resource, secondly if there is no impact it would help to alleviate unnecessary finger pointing in the area. The water sampling proposed would be conducted through the use of volunteers and some staff time.

Study Area Ogechie Wetland in the Rum River Watershed basin.

Assigned Stations

Station ID	Station Name
S001-290	DITCH FROM OGECHIE LAKE ON CO RD 35 BRIDGE
S002-038	OGECHIE WETLND CULVRTS (SO SIDE), ON VINELAND RD AT VINELAND
S002-039	OGECHIE WTLD (BUCKMORE DAM) OLT FROM RUM R 2.5 MI S VINELAND

Project OOWS Okabena-Ocheda Water Sampling

Start Date 05/01/2007 **Planned Duration** Ongoing

Purpose Effectiveness Monitoring

Study Area Lake Okabena - 53-0028
Lake Ocheda - 53-0024-01 (West Basin)

Project Design Sample Collection Method/Gear - Grab

Field Measurements - secchi disk

Lab:
MVTL
New Ulm, MN
Contact: Todd Reiger

Obtain Plan Dan Livdahl
Okabena-Ocheda Watershed District
Nobles County Public Works Building
960 Diagonal Road, PO Box 114
Worthington, MN 56187
(507) 372-8228
dan.livdahl@okabenaomedawd.org

Assigned Stations

Station ID	Station Name
53-0024-01	OCHEDA (WEST BASIN)
53-0024-02	OCHEDA (MIDDLE BAY)
53-0024-03	OCHEDA (EAST BASIN)
53-0028	OKABENA

Project ORONO_VM Lake Orono Volunteer Monitoring

Start Date 05/20/2002 **Planned Duration** Twelve years

Document/Graphic ORONO_VM project plan Document/Graphic

Purpose Collect baseline water quality data; examine relationship between TP, Chl-a & Secchi disk transparency; examine relationship between TSS & VSS; and identify Trophic State Index.

Study Area Lake Orono, North of Bridge, 71-0013, Site 202
Lake Orono, Southeast Near Dam, 71-0013, Site 206

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Project Design Sample the top two meters of water using a two meter integrated sampler constructed of 1-1/4 inch PVC pipe.

YSI Model 55 Dissolved Oxygen and Temperature meter is used in the field to collect temp. and DO measurements.

Obtain Plan Basiletti, Mark. "Lake Orono Volunteer Monitoring Project Plan." Sherburne Soil and Water Conservation District. 2002. Revised 2-13-06. 10 pages.

Assigned Stations

Station ID	Station Name
71-0013-01	UPPER ORONO
71-0013-02	LOWER ORONO

Project OTAIL-S Otter Tail County CLMP Surface Wtr Assmnt Grant (SWAG)

Start Date 03/14/2008 **Planned Duration** 2 years

Purpose Assess chemical, physical and biological integrity of surface water in 6 subject lakes to identify if designated uses are being met and to provide information on the condition of waters.

Study Area Otter Tail County

Rose Lake 56-0360, site 203
Clear Lake 56-0559, site 202
Pebble Lake 56-0829, site 201
South Turtle Lake 56-0377, site 201
North Turtle Lake 56-0379, site 201
Block Lake 56-0079, site 202

Project Design Sample Medium: water column

Lab: RMB Environmental, Detroit Lakes

Sample Collection Method(s) and Gear(s): water column with 2 meter integrated sampler

Field Measurements - Methods and Instrumentation: Turbidity with Secchi Disk

Obtain Plan Stephen Johnson
Otter Tail Coalition of Lake Associations
43814 E Big McDonald Dr
Otter Tail, MN 56571
(218) 758-3707
sojcjj@arvig.net

MPCA Project Manager:
Johanna Schussler
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-282-6411
johanna.schussler@pca.state.mn.us

Assigned Stations

Station ID	Station Name
56-0079	BLOCK
56-0360	ROSE
56-0377	SOUTH TURTLE
56-0379	NORTH TURTLE

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Station ID	Station Name
56-0559	CLEAR
56-0829	PEBBLE

Project OTTERCTY Otter Tail County Water Quality Monitoring

Start Date 01/01/1993 **Planned Duration** 8 years

Purpose Condition monitoring to gather baseline data.
Funding through sources other than the MPCA.

Study Area Otter Tail County

Project Design Field Procedure Information:
Sample Collection Method(s) and Gear(s) - Grab with sample bottle.
Sample Medium: Water Column
Lab:
A.W. Research Laboratories, Inc., Brainerd
(218) 829-7974

Obtain Plan Bill Kalar
Otter Tail County
540 Fir Ave W
Fergus Falls, MN 56537
(218) 998-8095

MPCA Project Manager:
Katherine Pekarek-Scott
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
(507) 476-4267
katherine.pekarek-scott@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S004-510	POMME DE TERRE R AT CSAH-37, 4.5 MI SW OF DALTON, MN
S004-560	POMME DE TERRE R ON CSAH-35, 3.5 MI SW OF DALTON
S004-561	UNN STR AT MINERAL LK OTLT ON VEITENHEIMER RD, 4 MI W DALTON
S004-562	POMME DE TERRE R ON CSAH-35, 2 MI N OF DALTON
S004-563	POMME DE TERRE R AT DAM ON BACK LK RD, 3 MI NE OF DALTON
S004-564	UNN STR AT CULVERT ON SW SIDE OF STALKER LK, 4 MI NW DALTON
S004-565	UNN STR AT STALKER LK INLET 1/3 MI SO 180TH 4.5 MI NE DALTON
S004-566	UNN STR AT LONG LK OUTLET ON 180TH ST 4.5 MI SE OF UNDERWOOD
S004-567	UNN STR AT LONG LK INLET AT 200TH ST, 2.5 MI SE OF UNDERWOOD
S004-568	UNN STR AT GERMAN LK OTLT, GERMAN LK RD, 7 MI W OF BATTLE LK
S004-569	UNN STR AT DANE LK OTLT, GERMAN LK RD, 6.5 MI W OF

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Station ID
Station Name
BATTLE LK

Project OTTERTAI Upper Ottetail River Impaired Waters Project

Start Date 01/01/2001 **Planned Duration** Longterm

Purpose Condition Monitoring

Study Area Statewide

Obtain Plan Mike Vavricka
Detroit Lakes Regional Office
714 Lake Avenue
Detroit Lakes, MN 56501
phone: 218.846.0776
michael.vavricka@pca.state.mn.us
www.pca.state.mn.us/data/eda

Assigned Stations

Station ID	Station Name
S003-937	OTTERTAIL R IN TAMARC NWR (USFWS), 16 MI NE DETROIT LAKES
S003-938	OTTERTAIL R AT MN-34 BRG, 7 MI E OF DETROIT LAKES
S003-939	OTTERTAIL R AT US-10 BRG, 1 MI SO OF FRAZEE
S003-940	OTTERTAIL R AT 425TH AVE BRG, 3.75 MI NO OF PERHAM

Project OUTDOORC Outdoor Corps Lake Monitoring

Start Date 01/01/2004 **Planned Duration** 12-31-2006

Purpose High school students and teachers from Brainerd, Albany, and Litchfield schools were hired and trained to collect surface water quality data on contract with lake associations. The lake associations used the data for monitoring the condition of their lakes while the students benefitted from the opportunity to apply skills learned in the classroom

Study Area North-Central Minnesota.

Project Design Laboratory Information: A.W. Research Laboratories, Inc.

Field Procedure Information:

Sample collection method and gear - Grab samples of lake water for Chl-a and TP analysis using an integrated tube sampler. Samples shipped on ice to AWRL for analysis.

Field measurements methods and instrumentation - Light transparency using a Secchi disk; temp, DO, pH, and conductivity with a Hydrolab.

Obtain Plan Local Project Manager:

Renee Pardello
University of Minnesota Extension
120 BioAg Eng, 6005, 1390 Eckles Avenue
St. Paul, MN 55108
612-624-6479
pard0017@umn.edu

Project OUTDRCRP Outdoor Corps

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Start Date 01/01/2001 **Planned Duration** Ongoing
Purpose Lake Condition Investigation/current status. Also works with youths to educate on environmental stewardship.
(See also WEBBL.)

Study Area Throughout Crow Wing County with plans to expand into Stearns, Aitkin and Benton counties

Assigned Stations

Station ID	Station Name
18-0020	BORDEN
18-0028	SMITH
18-0029	HOLT
18-0076	PLACID
18-0096	UPPER SOUTH LONG
18-0184	ROGER
18-0251-02	HORSESHOE (W. BAY)
18-0376	UPPER CULLEN
18-0377	MIDDLE CULLEN
18-0403	LOWER CULLEN
18-0407	EAST TWIN
18-0409	WEST TWIN

Project PCA-USGS PCA-USGS Split Study

Start Date 01/01/2004 **Planned Duration** Long-term
Purpose THIS SITE IS USED TO COMPARE PCA WITH USGS SAMPLING.
Study Area Statewide

Assigned Stations

Station ID	Station Name
S003-520	RED R, .10 MI SOUTH OF US-10/MAIN AVE, IN FARGO/MOORHEAD

Project PDT_WM Pomme de Terre Water Monitoring

Start Date 05/03/2007 **Planned Duration** Ongoing
Purpose Condition. Water chemistry sampling will take place at 15 locations throughout the Pomme de Terre watershed to coincide to biological monitoring at 36 additional sites. 5-28-2008
Part of the Intensive Watershed Monitoring Program in STORET.

Study Area Statewide

Project Design Field Procedure Information:
Sample Collection Method(s) and Gear(s): grab sample

Field Measurements - Methods and Instrumentation: pH, temp, DO, conductivity with YSI 556 MPS, transparency with T-tube.

Lab: MDH

Obtain Plan Chandra Carter
Minnesota Pollution Control Agency

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Minnesota Pollution Control Agency

Obtain Plan 520 Lafayette Road North
St. Paul, Minnesota 55155
phone: 651-297-1347
chandra.carter@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S002-057	POMME DE TERRE R ON CR-47 BRG, 5.5 MI N OF BARRETT
S004-410	PELICAN CK AT 160TH AVE, 3 MI SW OF ASHBY
S004-411	POMME DE TERRE R AT MN-9, 2 MI SE OF MORRIS
S004-412	MUDDY CK AT 490TH AVE, 3 MI SW OF MORRIS
S004-413	DRY WOOD CK AT 200TH AVE NW, 12 MI SE OF ALBERTA
S004-485	POMME DE TERRE R AT CR-78, 7 MI S OF MORRIS
S004-574	DRYWOOD CK AT CR-55, 13 MI NW OF HOLLOWAY
S004-578	DRYWOOD CK AT 190TH AVE, 11.5 MI NW OF HOLLOWAY
S004-579	POMME DE TERRE R, 70TH ST NW, 10 MI N OF HOLLOWAY
S004-937	ARTICHOKE CK 70TH ST NW & 255TH AVE NW 5 1/2 MI NW FAIRFIELD
S004-938	DRY WOOD CK AT 210TH AVE NW, 2.82 MI NW OF FAIRFIELD
S004-939	CD #22 AT 320TH ST (EAST OF CSAH-13) 9.06 MI NW FAIRFIELD
S004-940	DRY WOOD CK AT CSAH-5/230TH AVE, 4.10 MI W/NW OF FAIRFIELD
S004-941	UNN STR (TRIB OF DRY WOOD CK) AT CSAH-4 3.35 MI NW FAIRFIELD
S004-942	DRY WOOD CK AT 540TH AVE, 3.75 MI NW OF FAIRFIELD
S004-943	DRAIN TILE OTLT (TO DRY WOOD CK) 540TH, 3.75 MI NW FAIRFIELD
S004-944	UNN STR TO DRY WOOD LK AT 560TH AVE, 5.52 MI NW OF FAIRFIELD
S004-945	UNN STR (FIELD RUNOFF) AT 70TH ST NW, 4.68 MI W/NW FAIRFIELD
S004-946	ROAD DT (TEMP FLOW) E SIDE OF 510TH AVE, 1.8 MI N FAIRFIELD
S004-947	UNN STR AT 330TH ST/CSAH-4, 4.83 MI NW OF FAIRFIELD

Project PEARL-L Pearl Lake, Mill Creek ,and Lower Sauk River TMDL Project

Start Date 06/16/2008 **Planned Duration** 1 year

Purpose The main objective of this project for Pearl Lake is to determine the sources of the excess nutrients (phosphorus) causing recreational use impairment and determine the needed magnitude of internal and/or external load reduction needed to correct the impairments and ultimately remove these lakes from the states 303d list. The objective of the fecal coliform TMDL for Mill Creek and the Sauk River is to develop a load allocation for the point and non-point sources of fecal coliform to the impaired reaches. The objective of the turbidity TMDL is to determine the relative contribution of three potential sources of turbidity to the river (which include runoff from land, bank erosion, and algal growth-excess phosphorus) and provide a load allocation for those three sources.

Study Area Pearl Lake and its tributaries, Mill Creek, and the lowerest reach of the Sauk River extending from Rockville to the Mississippi River.

Project Design Field Procedure Information:

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Project Design Sample collection method and gear - 6 foot profiler, Van Dorn sampler.
Field measurements-methods and instrumentation - YSI Hydroprobe: DO, temp, conductivity, depth, ph; transparency with Secchi disc, transparency tube.
Gage type - FlowTracker and River Cat.
Probe - YSI 6820

Obtain Plan Citation:
Title - Pearl Lake, Mill Creek and Lower Sauk River TMDL Project
Author - Lynn Nelson/Barr Engineering
Publishing organization - Sauk River Watershed District/Barr Engineering
Publication year - 2008
Volumn and page number - Vol. 1

Assigned Stations

Station ID	Station Name
73-0037	PEARL
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-360	SAUK R AT CR-121 2 MI SE OF ST JOSEPH
S000-361	SAUK RIVER AT CO RD 139 IN ROCKVILLE
S000-444	MILL CK AT MN-23 IN ROCKVILLE
S000-503	SAUK R AT CSAH-4 IN ST CLOUD
S003-017	MISSISSIPPI RIVER AT CAMDEN BOAT LAUNCH
S004-163	MILL CK (PEARK L INLET) AT CR-141, 6.5 MI SE OF COLD SPRING
S004-164	MILL CK (PEARK L OUTLET) AT CR-146, 7 MI SE OF COLD SPRING
S005-256	UNN STR, SW INLT PEARL LK CSAH 8, 7 MI SE OF COLD SPRING, MN

Project PELICAN Pelican Lake Outlet Feasibility Study

Start Date 06/20/2005 **Planned Duration** one year

Purpose Evaluate current condition of the lake, and evaluate water quality effects downstream if the lake is outletted.

Study Area Pelican Lake (86-0031) at four locations: east basin, center basin, north basin and bay near public access.

Project Design 8-5-2005

Surface water sample via one meter integrated sample (plastic tube), bottom sample via Van Dorn-type sampler.

Field measurements:
YSI 85 for dissolved oxygen, temperature, and specific conductivity. Transparency measured by secchi disk.

Lab measurements:
Instrument Research, Inc. will test water samples

Field Procedure Information: Pelican Lake Outlet Feasibility Study

Collect the following data at sites 101, 102, and 103. A fourth site will be alternated between site 104 and a field duplicate of either 101, 102, or 103. Use one data sheet per site, and fill in the observational data.

1) Depth profile: DO (mg/l), temp, and specific conductivity (uS), at 1m intervals, starting at surface. Turn unit on when you reach the lake so that it has time to stabilize and be calibrated before you get to the first site. Elevation at lake is approx. 900 ft. Note depth of lake bottom, but don't need to take data there.

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- Project Design** 2) Secchi depth
- 3) Surface water samples, using the clear tube (1 meter integrated sample):
" Chlorophyll-a
" TSS, CBOD, turbidity, pH
" TP (H2SO4 preservative)
" SRP
" TKN, NO3- + NO2- (H2SO4 preservative)
" E. Coli (Na2S2O3 preservative)
[Fill up one of the bigger unpreserved samples directly from the tube, then use that bottle to carefully fill up other bottles.]
- 4) Bottom water samples, using the Van Dorn:
" TP (H2SO4 preservative)
" SRP
Take sample ~0.5 meter above the lake bottom. For example, if the lake is ~4.5 m deep, take sample at 4 m.

Assigned Stations

Station ID	Station Name
86-0031	PELICAN

Project PELICN73 Pelican Lake Association Monitoring

Start Date 01/01/2004 **Planned Duration** on-going

Purpose Pelican Lake Association monitoring

Project PELLPOA Pelican Lake with Pelican Lakes Property Owners Association

Start Date 06/27/2000 **Planned Duration** Continuous

Purpose Condition, volunteer monitoring with lake association for condition of the lake currently.

Study Area Pelican Lake

Project Design Sample Collection: 2 meter integrated sampler.

Obtain Plan Joan Mondale
Pelican Lakes Property Owners Association
952-412-6023
jmondale@comcast.net

Assigned Stations

Station ID	Station Name
18-0308	PELICAN
18-0351	LITTLE PELICAN

Project PFC_AFFF PCA Special Studies: known AFFF releases

Start Date 08/01/2007 **Planned Duration** To June 2009

Purpose Samples from sites with known AFFF releases

Project PFC_AGGW PCA Special Studies: wells or springs in MN ag areas

Start Date 10/01/2007 **Planned Duration** To Dec. 2007

Purpose Samples collected from wells or springs in MN ag areas

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Project	PFC_AIRP	PCA Special Studies: Air and precipitation samples		
	Start Date	06/01/2007	Planned Duration	To June 2009
	Purpose	Air and precipitation samples		
Project	PFC_EGLT	PCA Special Studies: Bald eaglet blood sample from NPS study		
	Start Date	04/01/2006	Planned Duration	To June 2009
	Purpose	Bald eaglet blood sample from NPS study		
Project	PFC_FDWB	PCA Special Studies: food web study		
	Start Date	05/01/2008	Planned Duration	To June 2009
	Purpose	Samples collected as part of the food web study		
Project	PFC_OSLK	PCA Special Studies: lakes in outstate MN		
	Start Date	06/01/2006	Planned Duration	To June 2009
	Purpose	Samples from lakes in outstate Minnesota, outside TC metro area		
Project	PFC_RIVR	PCA Special Studies: MN rivers		
	Start Date	06/01/2006	Planned Duration	To June 2009
	Purpose	Samples collected from MN rivers		
Project	PFC_STRM	PCA Special Studies: Stormwater runoff and rain events		
	Start Date	06/01/2007	Planned Duration	To June 2009
	Purpose	Stormwater runoff and rain event samples		
Project	PFC_TCLK	PCA Special Studies: lakes in the seven-county TC metro area		
	Start Date	06/01/2006	Planned Duration	To June 2009
	Purpose	Samples from lakes in the seven-county TC metro area		
Project	PFC_UBGW	PCA Special Studies: wells in MN urban areas		
	Start Date	06/01/2006	Planned Duration	To Dec. 2007
	Purpose	Samples collected from wells in MN urban areas		
Project	PIGSFPFC	Pig's Eye Landfill PFC Sampling		
	Start Date	01/01/1998	Planned Duration	On going
	Purpose	Determination of PFC contamination at 3M unpermitted dump site, SR117.		
	Study Area	East of Pigs Eye Lake Rd. South of the CP Rail St. Paul Yard. Although called a landfill, the site is really a dump that operated from 1956 to 1972. A VIC Site (St. Paul Yard Expansion Site) is located on top of the northern most portion of the dump.		

Assigned Stations

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Station ID	Station Name
62-0004	PIGS EYE
S004-995	BATTLE CK W OF US-61 AND E OF THE MISSISSIPPI R IN ST. PAUL
S004-996	BATTLE CK W OF US-61 AND E OF THE MISSISSIPPI R IN ST. PAUL
S004-997	BATTLE CK W OF US-61 AT INLET TO PIGS EYE LK IN ST. PAUL

Project PINE-S Water Quality Assessment of Lks and Streams in Pine Cty Area

Start Date 04/15/2008 **Planned Duration** 2.5 years

Purpose To determine the condition of the area lakes and streams and if they should be put on the Impaired Waters List.

Study Area Pine County

Project Design Laboratory Name: ERA Lab

Sample Collection Method and Gear: Hand grab for streams and integrated sampler for lakes.

Field Measurements - Methods and Instrumentation: Temp, spec. cond., DO, pH with Hydrolab, transparency w/t-tube, transparency with Secchi.

Gage Type: Staff

Probe Make and Model: YSI 556

Obtain Plan Sam Martin
Pine SWCD
260 Morris Avenue
320-384-7431
sam.martin@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
01-0001	PINE
33-0001	ELEVEN
58-0062	ISLAND
58-0067	STURGEON
58-0068	ELEVEN
58-0081	SAND
58-0123	GRINDSTONE
58-0130	UPPER PINE
58-0135	MILLER
58-0137	BASS
58-0138	BIG PINE
S002-245	UNN STR TO GRINDSTONE LK, 6.5 MI W OF SANDSTONE, MN
S004-379	N BR GRINDSTONE R AT W GRINDSTONE RD, 7 MI SW OF SANDSTONE
S004-889	PINE R AT MOUTH TO PINE LAKE, 8.7 MI SW OF FINLAYSON, MN

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Station ID	Station Name
S004-890	UNN STR AT N GRINDSTONE RD, 6.5 MI W OF SANDSTONE, MN
S004-891	GRINDSTONE R, N BR AT N GRINDSTONE RD 7 MI W OF SANDSTONE, MN
S004-892	GRINDSTONE R, N BR AT FRIESLAND RD, 7 MI SW OF SANDSTONE, MN
S004-893	UNN STR AT CSAH-23, 6.9 MI W OF FINLAYSON, MN
S004-894	JD1 AT UNN ST (EMMA RD) 5 MI NW OF HINCKLEY, MN
S004-895	SPRING CR AT LONE PINE RD, 3 MI NE OF HINCKLEY, MN
S004-896	PINE R AT PINE R RD, 1 MI W OF RUTLEDGE, MN
S005-325	UNN STR (CD-1) AT CSAH-17, 5.7 MI W OF SANDSTONE, MN

Project PINESWCD Pine County SWCD
Start Date 01/01/1967 **Planned Duration** Long-term
Purpose County water monitoring program

Project PIPE_CR Pipestone Creek TMDL Project
Start Date 01/01/1967 **Planned Duration** Long-term
Purpose Pipestone Creek TMDL Project
Study Area Pipestone Creek

Assigned Stations

Station ID	Station Name
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-646	MAIN DITCH ON MN-23 AT PIPESTONE
S000-650	PIPESTONE CREEK .8 MI N OF PIPESTONE
S001-904	N BRANCH PIPESTONE CK AT CR 71 BRG
S002-380	PIPESTONE CK, N BR AT CR-53, 2 MI SW OF CAZENOVIA
S003-075	TEN MILE CK AT CR 18 10 MI NE OF DAWSON, MN

Project PLATTE_L Platte Lake Water Monitoring by Platte Lake Association
Start Date 01/01/2004 **Planned Duration** Ongoing
Purpose Platte Lake Association monitors for trends, conditions, effectiveness or problem investigation for the overall health of the lake.
Study Area Platte Lake
Project Design Lake samples pulled from integrated sampler
In/Outlet samples pulled from grab at surface
Flows are determined by calculations

In future, field measurements will be collected by hydrolab

Sampling done by volunteers of the Platte Lake Association. Lab work by A.W. Research, as well as some of the sampling.

Assigned Stations

Station ID	Station Name
18-0088	PLATTE

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S003-327	INLET TO PLATTE L AT BAKERS RD, 2.6 MI S OF PINE CENTER, MN
S003-328	INLT TO PLATTE L 1000FT SE HOFFMAN BCH, 4.3 MI S PINE CENTER
S003-329	INLT TO PLATTE L 0.2MI SE BAKERS RD, 2.8MI S PINE CENTER, MN
S003-330	OUTLET FROM PLATTE LAKE AT CSAH-51, 4.5 MI SW OF PINE CENTER
S003-331	INLET TO PLATTE L 0.2 MI SW ORTON DR, 2.4 MI S PINE CENTER
S003-332	OUTLET FROM ERSKINE L AT CSAH-8, 1.2 MI SW PINE CENTER, MN
S003-333	INLET TO ROCK L 0.5 MI W CSAH-8, 2.7 MI SE PINE CENTER, MN
S003-334	INLET TO ROCK L 0.3 MI S OF ORTON DR, 2.5 MI SE PINE CENTER
S003-335	INLET TO PLATTE L AT CSAH-51, 5 MI S PINE CENTER, MN

Project PLSLCD13 Prior Lake-Spring Lake Watershed District CD-13 Monitoring

Start Date 06/01/1999 **Planned Duration** Ongoing

Purpose To monitor the effectiveness and compliance of the County Ditch 13 Phosphorus Treatment System. This project was funded from 1988 to approximately 1992 by a Clean Lakes Phase I study, and 1993/94 to 1998/99 by CWP and 319 grants. Funding was also contributed by Met Council and the watershed district. Data from 1999 on is collected for purposes of fulfilling treatment facility permit obligations and is funded by the watershed district.

A NPDES permit.

Continued from "LEGPRI."

Study Area Upstream, at and downstream of the injection point.

Project Design Sampling is done by open-bucket grab samples and automatic time-weighted composite samplers.

Dissolved oxygen and temperature are measured by YSI, pH by a meter and discharge by a Marsh McBernie velocity meter with cross-sectional area measurements. Flow is estimated using a rating curve and relationships from Barr "Highway 13 Phosphorus Treatment System Memorandum 2003."

Assigned Stations

Station ID	Station Name
S002-896	UNN STREAM AT MN-13 IN SEC 8, SE OF SPRING LAKE
S003-268	CD-13 AT CSAH-13, 0.8 MI N OF LYDIA, MINNESOTA
S003-269	CD-13 AT CSAH-13, OUTLET TMT WL 2.5 MI N OF LYDIA, MINNESOTA
S004-549	UNN STR (CD 13) TO SPRING LK, 2.5 MI N OF LYDIA, MN

Project POKEGAMA Pokegama Lake of Pine County

Start Date 05/01/2007 **Planned Duration** October 2009

Purpose Water Quality Testing

Project Design Sample Collection Methods: Secchi disc

Project Summary

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Minnesota Pollution Control Agency

Project Design Field Measurements: Temp/SpC/DO/pH/Depth/DO% with the Hach, Quanta Monitoring Device

Obtain Plan Citation for Plan:

Al Johnson
Pokegama Lake Association
12965 Lake Line Road
Pine City, MN 55063
320-629-7393
lynquilt@msn.com

Assigned Stations

Station ID	Station Name
58-0142	POKEGAMA

Project POPECOLA Pope Coalition of Lake Association (COLA) Monitoring

Start Date 01/01/1996 **Planned Duration** Long-term

Purpose Condition monitoring

Study Area Pope County

Assigned Stations

Station ID	Station Name
21-0079	MAPLE
61-0023	GROVE
61-0037	LINKA
61-0041	SCANDINAVIAN
61-0064	AMELIA
61-0066	LEVEN
61-0067	VILLARD
61-0072	GILCHRIST
61-0078	RENO
61-0101-01	NELSON (MAIN LAKE)
61-0111	PELICAN
61-0122	ANN
61-0128	STRANDNESS
61-0130	MINNEWASKA
61-0149	SIGNALNESS (MOUNTN)
61-0162	MALMEDAL
61-0180	EMILY

Project POPLAR-L Poplar River Watershed Turbidity TMDL

Start Date 02/06/2007 **Planned Duration** 2009

Purpose Poplar River Watershed Turbidity TMDL Problem Investigation.

Study Area Statewide

Project Design Grab with bucket

Assigned Stations

Project Summary

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Station ID	Station Name
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S001-753	POPLAR R ON FTBRG UPST OF LUTSEN SKI HILLS, LUTSEN, MN
S004-406	POPLAR R AT GOLF COURSE BR IN LUTSEN, MN

Project PRWD Pelican River Watershed District

Start Date 01/01/1995 **Planned Duration** Long-term

Purpose Monitor lakes and streams in Pelican River watershed.

Study Area Pelican River watershed

Assigned Stations

Station ID	Station Name
03-0357	MONSON
03-0358	FOX
03-0359	SALLIE
03-0360	MUSKRAT
03-0366	ABBAY
03-0371	MEADOW
03-0374-01	JOHNSON
03-0374-02	REEVES
03-0381	DETROIT
03-0382	ST. CLAIR
03-0383	LONG
03-0386	LITTLE FLOYD
03-0387-01	MUD
03-0387-02	FLOYD (BIG FLOYD)
03-0400	BRANDY
03-0475	MELISSA
03-0486	PEARL
61-0111	PELICAN
S002-158	DITCH 14 @ OUT FROM ST CLAIR LK AT US-59 1-3/4 MI SW DET LKS
S002-159	DITCH 14 AT CSAH-6, 1 3/4 MI SW OF DETROIT LAKES
S002-160	DITCH 14 AT OUTLET TO PELICAN R 2 1/4 MI SW OF DETROIT LAKES
S002-161	DRAINAGE FROM LIND LAKE AT US-59, 5 1/2 MI S DETROIT LAKES
S002-162	SUCKER CK AT SOUTH SHORE DRIVE, 3 1/2 MI SE OF DETROIT LAKES
S002-163	CAMPBELL CK AT CR-149, 5 1/4 MI N OF DETROIT LAKES
S002-164	CAMPBELL CK AT 230TH ST, 6 1/4 MI N OF DETROIT LAKES
S002-165	CAMPBELL CK AT WHISKEY CK RD, 7 1/4 MI N OF DETROIT LAKES
S002-166	UNNAMED CK AT RICHWOOD RD CULVERT 4 1/4 MI N DETROIT LAKES
S002-167	LITTLE FLOYD R AT OUTLET FROM LITTLE FLOYD LK 4 MI N DET LKS

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Station ID	Station Name
S002-168	PELICAN R AT ANCHOR RD, 3 1/4 MI N OF DETROIT LAKES
S002-169	PELICAN R AT MN-34, 1 MI NE OF DETROIT LAKES
S002-170	PELICAN R AT LONG AVENUE IN DETROIT LAKES
S002-171	PELICAN R AT NORTH SHORE DRIVE IN DETROIT LAKES
S002-172	PELICAN R @ OLT FROM DETROIT LK @ CSAH-22, 2 MI SW DET LKS
S002-173	PELICAN R @ OLT FROM MUSKRAT LK DUNTON LOCKS 3 MI SW DET LKS
S002-174	PELICAN R @ OUTLET FROM LAKE SALLIE @ CSAH-22 AT SHOREHAM
S002-175	PELICAN R AT MELISSA BEACH RESORT, 6 1/2 MI S OF DETROIT LKS
S002-176	PELICAN R AT CORBETT ROAD IN DETROIT LAKES
S002-177	UNN OLT FROM LONG LK JUST OFF LONG LK RD 2 MI W DETROIT LKS
S002-178	PELICAN R BLW RICE LK OLT 1.7 MI N CSAH-141, 2 MI NE DET LKS
S002-179	DRAINAGE DT @ LITTLE FLOYD LK RD (E), 4 1/3 MI N DETROIT LKS
S002-180	DRAINAGE DT @ LITTLE FLOYD LK RD (W) 4 1/3 MI N DETROIT LKS
S002-181	DRAINAGE DITCH AT ERICKSON STREET, 5 MI N OF DETROIT LAKES
S002-182	DRAINAGE DITCH AT CSAH-32, 6 1/2 MI N OF DETROIT LAKES
S002-183	DRAINAGE DITCH AT CSAH-141, 1 1/2 MI NE OF DETROIT LAKES
S002-184	DRAINAGE DITCH AT MN-34, 1 3/4 MI E OF DETROIT LAKES
S002-186	PAVILION EAST-PICNIC AREA-STORM WATER OUTFLOW AT DETROIT LKS
S002-187	PAVILION WEST STORM WATER OUTFLOW (WASH AVE) AT DETROIT LKS
S002-188	HOLMES STREET STORM WATER OUTFLOW AT DETROIT LAKES
S005-247	DTCH 14 100 YDS SO CSAH-6 AT FIELD XING, W LITTLE DETROIT LK

Project PTSOURCE Point Source Impacted Waters

Start Date 05/01/2003 **Planned Duration** Unspecified

Purpose Monitoring South Lake

Assigned Stations

Station ID	Station Name
43-0014	SOUTH

Project RAINYLK Rainy Lake Water Quality Project

Start Date 01/01/1967 **Planned Duration** Long-term

Document/Graphic Rainy Lake Cooperative Monitoring Project - Update 2-03 Document/Graphic

Purpose Water Quality Monitoring, 6 sites on Rainy Lake

DRAFT (See BLOB for complete document "Rainy Lake Cooperative Monitoring Project")

Project Summary

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Minnesota Pollution Control Agency

Purpose Rainy Lake Cooperative Monitoring Project Update
Rainy River Community College & MPCA
Prepared by Jesse Anderson and Nolan Baratono, February 2003

The southwest arm of Rainy Lake along MN State Highway 11 is heavily developed. MPCA and Koochiching County staff estimate that 50% or more of the septic systems in this area are failing. The area's geology makes installation of proper ISTS systems difficult (i.e. thin soils, and surfical bedrock). Water quality impacts have been evident for some time, such as increased algal and aquatic vegetation growth and the periodic closing of public swimming beaches due to elevated bacteria concentrations. Consequently, the water quality of Rainy Lake in this area is a significant concern to both the general public and resource agencies. A sanitary sewer has been proposed in this area for a number of years. Funding has been secured and the project is currently under environmental review.

In the winter of 2002, Rainy River Community College (RRCC) staff approached Nolan Baratono, the MPCA's Rainy Basin Coordinator, about starting a cooperative monitoring project. The College expressed interest in building a curriculum around Rainy Lake and a cooperative monitoring program. That spring, local resource agencies (including Voyageurs National Park, USGS, the DNR, MPCA, and Koochiching County) met with the college to discuss goals, objectives, and the project's workplan. Funding was provided by the MPCA and grants the College received. The goal of the project was defined as development of a baseline water quality assessment because there is essentially no water quality data in the area west of the National Park boundary. A secondary goal is to assess near-shore impacts of failing sewage treatment systems. Trends in water quality can be determined before and after the sewer system is installed.

Study Area

1. site 110- established Voyageurs National Park long term monitoring station east of Dryweed Island (upstream of developed area)
2. site 111- Grindstone Island Passage on edge of navigation channel
3. site 112- Grassy Narrows / Bald Rock Point
4. site 113- Jackfish Bay outlet / Mary's Point
5. site 114- Sand Bay narrows at Lake's outlet into Rainy River
6. site 115- North Arm station near Reef Point (in Canada, station is an indicator of the Lake's large north arm- primarily undeveloped)

Project Design RRCC responsibilities were led by instructors Don Graves (biology) Wendy Graves (physics), and Chulsung Kim (chemistry). Instructors and students conducted the monitoring, and were responsible for all day-to-day aspects of the program.

MPCA staff (Jesse and Nolan) provided technical assistance, QA/QC sampling (one concurrent-sampling trip in July). Data management and analysis will be conducted by RRCC and Bruce Wilson / Jesse Anderson.

MPCA purchased a YSI multiprobe water quality instrument, a Kemmerer water sampler, and chlorophyll filtering kit, and loaned them to the College for this project. MPCA also provided funding for water quality sample analysis. Instructors and students from RRCC will be conducting the monitoring. The MPCA's Lake Assessment Program (LAP) protocol was followed. Training was provided by Jesse Anderson. In addition to the LAP protocol, RRCC staff will collect bacteria samples (E. coli and fecal coliform), and periodic zooplankton, phytoplankton, and benthic invertebrate samples. Bacteria samples will be analyzed locally, all other samples will be sent to the Minnesota Department of Health Lab. Six monitoring sites were chosen. The goal was to sample each site 1-2 times a month from May - September, with some additional sampling late in the fall and under ice.

Assigned Stations

Station ID	Station Name
69-0694	RAINY

Project	RAMSEYPW	Ramsey County Public Works Lake Management Program
Start Date	06/29/1970	Planned Duration on-going

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Purpose Condition monitoring.

This project includes Ramsey County Public Works Lake Management Program data migrated from Legacy STORET identified by 5400-series collector (P29) codes.

Note: Ramsey County Public Works Lab is "RAMSEY_C," while the project for the lab's lake management program is "RAMSEYPW."

Study Area Lakes and Sites (2004)

LAKENAME DNRID SITE
BALD EAGLE 62-0002 5401
BALD EAGLE 62-0002 5402
BALD EAGLE 62-0002 5403
BEAVER 62-0016 5401
BENNETT 62-0048 5401
COMO 62-0055 5401
CROSBY 62-0047 5401
GERVAIS 62-0007 5401
ISLAND 62-0075 5402
ISLAND 62-0075 5404
JOHANNA 62-0078 5401
JOSEPHINE 62-0057 5401
KELLER 62-0010 5401
KOHLMAN 62-0006 5401
LOEB 62-0231 5401
LONG 62-0067 5401
LONG 62-0067 5403
MCCARRON 62-0054 5401
OTTER 2-0003 5401
OWASSO 62-0056 5401
PHALEN 62-0013 5401
ROUND(NR PHALEN) 62-0012 5401
SILVER E 62-0001 5401
SILVER W 62-0083 5401
SNAIL 62-0073 5401
TURTLE 62-0061 5401
TWIN 62-0039 5401
VALENTINE 62-0071 5401
WABASSO 62-0082 5401
WAKEFIELD 62-0011 5401
WHITE BEAR 82-0167 5401
WHITE BEAR 82-0167 5402
WHITE BEAR 82-0167 5411
WHITE BEAR 82-0167 5455

Project Design Lab: Ramsey County Public Works Lab

Ramsey County Lake Management Program June 2, 2004

Lake Sampling Protocol

Desired sampling frequency is (8) times during May through September.

Anchor at mid-basin. Prepare a field sheet to record bottle numbers and field data. Measure Secchi Depth from shady side of boat. Using multi-probe, obtain depth, Dissolved Oxygen, Temperature, Conductivity and pH profiles. Obtain at least (2) samples from discrete depths within the mixed water layer. If thermal stratification is present, collect an additional water sample from the thermocline and (1) or (2) samples in the hypolimnion depending on depth and hypolimnetic thickness. Collect a 2-m composite sample for phytoplankton enumeration and preserve with Lugol's Solution. Collect a net tow for zooplankton analysis upward from

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Project Design the thermocline to the water surface and preserve in Formalin solution. Preserve nitrogen fraction sample bottles collected at each depth using H2SO4.

Lake Sampling Laboratory Processing

Sort bottles using field sheet information. Filter water for Chlorophyll a and Total Suspended Solids analyses using glass fiber filter. Filter water for Soluble Reactive Phosphorus analysis using membrane filter. Pour out water for Total Phosphorus analysis. Complete titrimetric analyses for Total Alkalinity, Total Hardness, and Chloride. Complete electronic measurement of Turbidity. Download multi-probe data.

Lake Sampling Parameters

Total phosphorus Soluble reactive phosphorus
Nitrite + Nitrate - N NH3 - N
Total Kjeldahl N
Secchi Depth
Chlorophyll a corrected for phaeophytin
Total Suspended Solids Organic Suspended Solids
Chloride Total Alkalinity
Total Hardness Specific Conductance
Turbidity pH
Dissolved Oxygen Temperature
Total Iron (not routine) Ferrous Iron (not routine)

Beach Sampling Protocol (2004 change in procedure)

Desired sampling frequency is weekly during June through August. Samples are obtained by Parks staff and delivered to County Laboratory. Sample as early in the day as possible. Obtain two separate water samples within different areas of the beach, each from a depth of 1.5 to 2 feet. Use a sterilized sampling bottle, plunging down and away from your body, and reseal the cap without contaminating the sample. Use the IDEXX Colisure method for E. Coli and Total Coliform, reading multi-trays after 24 hours incubation. Report results as Most Probable Number (MPN)/100 ml for E. Coli and Total Coliform. Retesting criteria are at Parks' discretion.

Zooplankton Enumeration

Prepare enumeration sheet with lake name, date, tow length, initial volume, subvolume and dilution volume. Mix and subsample (count more than ~50 individuals of most abundant suborder or genera) using Hemson-Stemple pipet, placing the sample into a counting wheel. Measure Daphnia body length from base of tail to top of head in one of 8 length categories using a calibrated ocular. Calculate density in number per cubic meter using spreadsheet.

Phytoplankton Enumeration

Pour sample in 1000 ml graduated cylinder and record initial volume. Settle until clear and siphon overlying water. Mix and place concentrated sample in labeled vial. Prepare enumeration sheet with initial volume, subvolume, dilution, and the number of fields counted.

Macrophyte Distribution

Utilizing a map of the lake, identify 10 or more transect locations extending from shore to beyond the depth of plant growth. At shallow, middle and deep ends of each transect, throw a standard hook or sweep a rake, withdrawing plants for qualitative determination of abundance (0-5), frequency of occurrence, and species richness.

Lakes and Sites (2004)

[added to Project Study Area]

Obtain Plan Lewis Soukup Publishing Organization, Ramsey County. "Ramsey County Lake Management Laboratory Quality Assurance and Procedures Manual." 1997.

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Quality Assurance Lewis Soukup Publishing Organization, Ramsey County. "Ramsey County Lake Management Laboratory Quality Assurance and Procedures Manual." 1997.

Assigned Stations

Station ID	Station Name
02-0003	OTTER
62-0001	SILVER
62-0002	BALD EAGLE
62-0006	KOHLMAN
62-0007	GERVAIS
62-0010-02	KELLER (MAIN)
62-0011	WAKEFIELD
62-0012	ROUND
62-0013	PHALEN
62-0016	BEAVER
62-0024	BIRCH
62-0034	GOOSE
62-0039	TWIN
62-0040	WILLOW
62-0047	CROSBY
62-0048	BENNETT
62-0054	McCARRON
62-0055	COMO
62-0056	OWASSO
62-0057	JOSEPHINE
62-0061	TURTLE
62-0067	LONG
62-0069	PIKE
62-0071	VALENTINE
62-0073	SNAIL
62-0074	GRASS
62-0075-01	ISLAND (BASIN S. OF I-694)
62-0075-02	ISLAND (BASIN N. OF I-694)
62-0078	JOHANNA
62-0082	WABASSO
62-0083	SILVER
62-0231	LOEB
82-0167	WHITE BEAR

Project REDLCNTY Red Lake County SWCD Monitoring Program

Start Date 04/01/1998 **Planned Duration** Ongoing

Purpose Create a database of baseline water quality data for the county.

Study Area Red Lake County streams and lakes.

Project Design SOP is same as Red Lake Watershed District's. Grab sample with horizontal sampler is used to take samples off bridges over Klondike, Sportsman, Huot, Terrebonne, Plummer and Roland streams.

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- Project Design** Hach meters are calibrated each time before going out into the field. Parameters tested in the field are turbidity, conductivity, pH, dissolved oxygen and temperature. Stream level is recorded as well.
- Obtain Plan** SOP is same as Red Lake Watershed District's.
- Quality Assurance** SOP is same as Red Lake Watershed District's.
- Quality Objectives** SOP is same as Red Lake Watershed District's.
- Assigned Stations**

Station ID	Station Name
S002-118	CLEARWATER R AT KLONDIKE BRIDGE/BOTTINEAU AVE RED LAKE FALLS
S002-124	CLEARWATER R AT RD IN T151R42S45W 1 MI N PLUMMER
S002-914	CLEARWATER R AT CSAH12 1MI N TERREBONNE
S003-172	RED L R AT SPORTSMAN'S BRIDGE/CSAH-13, 1 MI W RED LAKE FALLS
S003-173	RED L R AT HUOT BRIDGE/CSAH-3, 0.8 MI SW OF HUOT, MN
S003-174	CLEARWATER R AT ROLAND BRIDGE/CSAH-10, 0.1 MI W OF ROLAND, MN

Project REDRGAP Red River Basin GAP

Start Date 07/01/2008 **Planned Duration** 1 year

Purpose Condition to provide the necessary data to support the development of multi-parameter, watershed-based TMDLs within the Red River Basin.

Study Area

- S000-536 OT-99.8
- S000-556 PEL-0.7
- S000-684 PEL-29.4
- S003-118 Bds23
- S003-147 LCAPD
- S003-938 OT-2
- S003-939 OT-3
- S004-105 BUF14
- S004-131 CD2
- S004-145 BUF9
- S004-187 Kittle
- S004-191 BufHay
- S004-288 Be30DC
- S004-294 Mi20AB
- S004-355 CSMP1274
- S005-060 LCBP9A
- S005-061 LCBP30
- S005-062 LCAPC
- S005-063 LCBS
- S005-064 LCUBS
- S005-130 WRBeau
- S005-131 WRZerk
- S005-132 HayHW
- S005-133 HayUSL
- S005-134 BUF27
- S005-135 Hamden1
- S005-136 WOL3
- S005-137 TR2
- S005-138 TR7
- S005-139 TR8
- S005-140 PEL10
- S005-141 OT-OT45

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Study Area S005-142 OT
S005-143 18MC
S005-144 Doran9
S005-145 Doran75
S005-146 MUS300

Project Design Sample Medium: Water column

Laboratory Name: RMB Environmental Lab, Detroit Lakes

Sample Collection Method(s) and Gear(s): Grab with VanDorn sampler.

Field Measurements - Methods and Instrumentation: pH, spec. cond, temp, and DO with YSI sonde; transparency with t-tube. NH3, turbidity (NTU), TP, OP, TSS, NO2+NO3 and E-coli performed at lab.

Obtain Plan Wayne Goeken
Red River Watershed Management Board
40048 160th Ave SE
Erskine, MN 56535
(218) 574-2622
wrg@gvtel.com

MPCA Project Manager:
Bruce Paakh
Minnesota Pollution Control Agency
Detroit Lakes Office
714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-0747
bruce.paakh@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-536	OTTER TAIL R AT CSAH-14 6 MI SE OF PERHAM
S000-556	PELICAN R ON MN-210 1.1 MI W OF FERGUS FALLS
S000-684	PELICAN R AT CSAH-24 BTN S22 AND 27 (T135N/R43W)
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S003-118	FIVE MILE CK ON MN-27, 5.7 MI W OF HERMAN
S003-124	TWELVE MILE CK ON CSAH-14, 7.5 MI NE OF WHEATON
S003-146	BUFFALO R ON MN-9, 3 1/2 MI E OF GLYNDON
S003-147	CD #14 LAWNDAL SPRING AT CR-167, 8 MI S OF BARNESVILLE
S003-938	OTTERTAIL R AT MN-34 BRG, 7 MI E OF DETROIT LAKES
S003-939	OTTERTAIL R AT US-10 BRG, 1 MI SO OF FRAZEE
S004-105	BUFFALO R MAINSTEM AT CSAH-14, 2.5 MI NE OF CALLAWAY
S004-131	CD #2 AT CR-62, 7 MI NE OF EAST GRAND FORKS
S004-145	BUFFALO R MAINSTEM AT CSAH-9, 4.5 MI NE OF LAKE PARK
S004-187	KITTLESON CK AT 330TH AVE SW CROSSING, 5.6 MI W OF FERTILE
S004-191	HAY CK AT CSAH-37, 6.1 MI ENE OF HAWLEY
S004-288	ROSEAU R AT CSAH-4 BRG (BY HAYES LK SP), 16 MI SE OF ROSEAU

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Station ID	Station Name
S004-294	SO FK ROSEAU R ON CR-128, 1 1/3 MI NE OF WANNASKA
S004-355	MUSTINKA R AT CSAH-26, 5.3 MI NE OF WENDELL, MN
S005-060	SD #14 (LAWNDALE CK) ON 140TH ST (E MN-9) 5 MI NW LAWNDALE
S005-061	SD #14 (LAWNDALE CK) @ CSAH-30, .5 MI E MN-9 5 MI W LAWNDALE
S005-062	SD #14 (LAWNDALE CK), 25 YDS NO OF LCPAD, ABOVE ATHERTON WMA
S005-063	UNN STR (LAWNDALE CK) , 1 MI W CSAH-52, 1 MI SO OF LAWNDALE
S005-064	UNN STR (LAWNDALE CK), AT BEAVER DAM OUTLET, 1 MI S LAWNDALE
S005-130	WILD RICE R ON TWP RD 62 (210TH ST), 4 MI E OF BEAULIEU
S005-131	WILD RICE R AT CR-103, 1.25 MI NW OF ZERKEL
S005-132	UNN STR TO HAY CK ON 140TH AVE, 1 MI SW OF LAKE PARK
S005-133	HAY CK ON CR-1 (130TH AVE), 2 MI NW OF LAKE PARK
S005-134	BUFFALO R ON CR-27, 9 MI SE OF CALLAWAY
S005-135	UNN DTCH (TRIB TO BUFFALO R) AT 170TH AVE 5 MI NNE LAKE PARK
S005-136	WOLVERTON CK ON CR-151 (140TH AVE), 2.5 MI NE OF WOLVERTON
S005-137	TOAD R ON CR-122, 9 MI NE OF FRAZEE
S005-138	UNN INLET TO DEAD LK (TOAD R) ON CSAH-33, 6.5 MI E OF FRAZEE
S005-139	TOAD R ON CSAH-8, 4.5 MI NE OF PERHAM
S005-140	PELICAN R ON CSAH-88, 3 MI S OF ELIZABETH
S005-141	OTTER TAIL R ON CSAH-45, 3 MI W OF OTTER TAIL LAKE
S005-142	OTTER TAIL R ON CSAH-10, 5.6 MI E OF ELIZABETH
S005-143	EIGHTEEN MILE CK ON CSAH-7, 1.5 MI SW OF WHEATON
S005-144	UNN STR (DORAN SLOUGH) AT 190TH AVE 2.6 MI S OF BRECKENRIDGE
S005-145	UNN STR (DORAN SLOUGH) ON US-75, 1 MI SW OF DORA
S005-146	MUSTINKA R AT 300TH ST, 1 MI NE OF WENDELL

Project REDRIVER Red River Basin Condition Monitoring Network

Start Date 03/24/2003 **Planned Duration** 03-24-2013

Purpose The purpose of the Red River Basin Monitoring Network is to provide accurate, long-term information concerning the condition of the Red River and it's tributaries to the resource managers of the Red River Basin.

Study Area Red River basin

Assigned Stations

Station ID	Station Name
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-064	RED LAKE R. AT RED LAKE OUTLET

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Station ID	Station Name
S000-091	RED RIVER AT BRIDGE ON MN-11, WEST OF ROBBIN
S000-092	RED RIVER BRIDGE ON MN-200, 0.5 MI W OF HALSTAD
S000-108	KAWISHIWI RIVER BR ON MN-1 AT DAM 8 MI SE OF ELY
S000-115	ROSEAU RIVER CR-53 AT CARIBOU
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-553	BOIS DE SIOUX R ON CSAH-6 5.1 MI SW OF DORAN
S000-557	RED R OF THE N AT FT DAER PK LANDING IN PEMBINA
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-001	MUSTINKA R AT CSAH-9 BRIDGE, 1.3 MI NW OF NORCROSS
S002-029	N FK CROW R, BRG ON GRVL RD, W MN-4, 5 1/2 MI S PAYNESVILLE
S002-079	THIEF R, 1 MI E CSAH-32, HILLYER BRG, 4 MI N THIEF R FALLS
S002-092	UNN OUTLET FROM BUZZLE LK, 1.2 MI W OF CSAH-5 NEAR PINEWOOD
S002-097	RED RIVER OF THE NORTH AT CR-26, 7 MI N OF FARGO/MOORHEAD
S002-098	RED LK R AT CSAH-220, 3.5 MI SE OF EAST GRAND FORKS
S002-099	SAND HILL R AT US-75 ON NORTH END OF CLIMAX
S002-100	TAMARAC R AT CSAH-220, 11 MI W OF STEPHEN
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-103	WOLVERTON CK AT 28TH ST & 1/2 MI S CR-58, 1 MI NE COMSTOCK
S002-105	HAY CK AT CR-28, 3 MI NE OF ROSEAU
S002-106	HAY CK AT TWP RD, 1.25 MI NW CSAH-11 CROSSING, 6.5 E ROSEAU
S002-107	ROSEAU R AT MN-89 AT ROSS
S002-108	JD #25, SE INTERSEC 280TH AVE & 210TH ST, 5.5 MI E OF WARREN
S002-109	DALEN COULEE AT CR-39, 3.3 MI E OF PERLEY
S002-110	MARSH CK AT CR-40, 6.5 MI W OF MAHNOMEN
S002-111	WHISKY CK AT CR-25, 2 MI E OF BARNESVILLE
S002-112	WHISKY CK AT CR-21, 6 MI WNW OF BARNESVILLE
S002-113	RED R AT DEMERS AVE BRG BTW E GRAND FKS, MN & GRAND FKS, ND
S002-118	CLEARWATER R AT KLONDIKE BRIDGE/BOTTINEAU AVE RED LAKE FALLS
S002-125	BUFFALO R AT CR-108, 2 MI SE OF GEORGETOWN
S002-126	GRAND MARAIS CK AT CR-64, 9 MI N OF EAST GRAND FORKS
S002-127	MARSH R AT CR-113, 1 MI SE OF SHELLY
S002-708	BUFFALO R AT CR 94, 5.5 MI W OF AVERILL
S002-711	STONY CK AT CR68, 2 MILES SE OF SABIN
S003-106	CD #8 ON MN-27, 3.4 MI W OF HERMAN
S003-118	FIVE MILE CK ON MN-27, 5.7 MI W OF HERMAN
S003-271	WOLVERTON CK AT US-75, 3 MI S OF RUSTAD, MINNESOTA

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Station ID	Station Name
S003-272	NORTH LATERAL ONE OF JD #12 AT CR-41, 9.8 MI SE OF TINTAH
S003-273	LATERAL THREE OF JD #2 AT CR-42, 9.1 MI ESE OF TINTAH
S003-274	JD #2 ON MN-55, 2 MI E OF NASHUA
S003-275	JD #12 AT 2ND STREET BRIDGE ON EAST EDGE OF TINTAH
S003-276	UNNAMED CREEK AT 260TH AVE NW, 2 MI NE OF EUCLID
S003-277	BRANCH C OF CD #66 AT 270TH AVE SW, .5 MI NE OF EUCLID
S003-278	GARDEN SLOUGH CROSSING ON CR-43, .8 MI W OF RINDAL
S003-279	CD # 13-LATERAL, 1/2 MI W OF CR-176, 13.1 MI SSW BARNSEVILLE
S003-280	CD #13 ON MN-9, 12.4 MI SSW OF BARNESVILLE
S003-281	UNNAMED WATERWAY CROSSING ON UNNAMED ROAD, 1.5 MI NE RINDAL
S003-282	TRIB TO WHISKY CK AT TOWNSHIP ROAD, 3.5 MI WNW BARNESVILLE
S003-283	COUNTY DITCH NO. 8 AT CSAH-2, 4.4 MI SE OF GRACEVILLE
S003-452	CD #13 AT UNNAMED STREET (EAST OF MN-11) 2.5 MI NE OF BADGER
S003-693	BUFFALO R AT CSAH-18, 2.8 MI NW OF GLYNDON
S003-694	STONY CK AT CSAH-21, 7 MI NW OF BARNESVILLE
S004-106	MIDDLE R ON CSAH-28, .5 MI E OF NEWFOLDEN
S004-131	CD #2 AT CR-62, 7 MI NE OF EAST GRAND FORKS
S004-132	UNNAMED CK ON US-75, 2 MI NW OF EUCLID
S004-133	UNNAMED CK ON CSAH-21, 2.5 MI NE OF EUCLID
S004-134	JD #63 AT CR-125, 6 MI SW OF WANNASKA
S004-135	HAY CK AT CSAH-12, 10 MI SE OF ROSEAU
S004-147	BUFFALO R S BR AT CR-63, 1 MI SE OF SABIN
S004-148	BUFFALO R S BR AT CR-79, 1.5 MI SW OF GLYNDON

Project	REDRTURB	Red River Basin Turbidity TMDL Project
Start Date	05/01/2005	Planned Duration 3 years
Purpose	Problem investigation - Biweekly monitoring of rivers throughout the Red River Basin for Turbidity TMDL Project.	
	Associated with the REDBUFF Program in STORET.	
Study Area	Mustinka River, Whiskey Creek, Buffalo River, Stony Creek, Red Lake River, Snake River and Middle River.	
	S001-060 (WC1); S001-061 (WC20); S003-678 (WC155); S004-143 (260); S004-149 (CD6); S004-150 (CTY3); and S004-151 (Man3) all have a dual monitoring purpose: one for the Red R Basin Turbidity TMDL and for the Red River Basin Buffer Initiative.	
Project Design	Sample Collection Method(s) and Gear(s): Van Dorn Sampling for stream samples. Wading and hand dip when water levels too low for Van Dorn sampler.	
	Field Measurements - Methods and Instrumentation: YSI600QS series sonde with 650 MDS Handheld used for dissolved oxygen, water temperature, conductivity, & pH. Hach 2100P for turbidity measurements. YSI 6820 series sonde includes above parameters and turbidity. Transparency tube used for transparency readings. Tape measure for tape down readings on streams. Use USGS stage readings where available.	

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Project Design Lab: RMB Environmental Laboratory . 8-1-2005

Obtain Plan MacGregory, Molly. "Red River Basin Turbidity Impairment Work Plan and Project Summary," Minnesota Pollution Control Agency, 2005.

Assigned Stations

Station ID	Station Name
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-700	MIDDLE R AT CSAH-4 AT ARGYLE
S001-060	WHISKEY CK AT CSAH-1 1.5 MI NW OF KENT
S001-061	WHISKEY CK AT CSAH-20 2 MI SE OF KENT
S002-001	MUSTINKA R AT CSAH-9 BRIDGE, 1.3 MI NW OF NORCROSS
S002-080	RED LK R, SAMPSON BRG, IN CROOKSTON
S002-098	RED LK R AT CSAH-220, 3.5 MI SE OF EAST GRAND FORKS
S002-125	BUFFALO R AT CR-108, 2 MI SE OF GEORGETOWN
S002-700	BUFFALO R AT CR68, 2.5 MILES NW OF GLYNDON
S002-708	BUFFALO R AT CR 94, 5.5 MI W OF AVERILL
S002-709	S BR BUFFALO R AT CR67, 1 MI E OF SABIN
S002-711	STONY CK AT CR68, 2 MILES SE OF SABIN
S002-963	RED LK R AT 2ND AVE NE (MURRAY BRIDGE) IN EAST GRAND FORKS
S002-975	RED LAKE R AT OLD RAILROAD CROSSING IN RED LAKE FALLS
S002-976	RED LAKE R AT CSAH-3, 8 MI W OF RED LAKE FALLS
S003-101	SNAKE R AT CSAH-34, 3 MI NE OF WARREN
S003-104	MUSTINKA R AT CSAH-13, 6 MI NE OF HERMAN
S003-105	MUSTINKA R AT CSAH-8, 8 MI NE OF HERMAN
S003-124	TWELVE MILE CK ON CSAH-14, 7.5 MI NE OF WHEATON
S003-146	BUFFALO R ON MN-9, 3 1/2 MI E OF GLYNDON
S003-152	BUFFALO R AT CSAH-31, 1.4 MI S OF US-10, 1.7 MI S OF HAWLEY
S003-155	BUFFALO R ON TOWNSHIP ROAD, 5 MI NE HAWLEY
S003-156	BUFFALO R ON CSAH-23, 5 MI SW OF HAWLEY
S003-311	STONY CK AT CSAH-25, 3.5 MI NE OF BARNESVILLE
S003-312	STONY CK AT UNN GRAVEL RD, 6.25 MI NW OF BARNESVILLE
S003-316	HAY CK AT UNN GRAVEL RD CROSSING, 7 MI NW OF BARNESVILLE
S003-677	MUSTINKA R ON CSAH-11 CROSSING, 7.2 MI NE OF WHEATON
S003-678	WHISKEY CK ON CR-155 CROSSING, 5.75 MI N OF BRECKENRIDGE
S003-691	MIDDLE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S003-692	SNAKE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S003-693	BUFFALO R AT CSAH-18, 2.8 MI NW OF GLYNDON
S003-694	STONY CK AT CSAH-21, 7 MI NW OF BARNESVILLE
S003-942	RED LK R AT ST HILAIRE BRG ON CSAH-3, 6 MI S THIEF RIV FALLS
S004-105	BUFFALO R MAINSTEM AT CSAH-14, 2.5 MI NE OF CALLAWAY
S004-106	MIDDLE R ON CSAH-28, .5 MI E OF NEWFOLDEN

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Station ID	Station Name
S004-107	MUSTINKA R ON CSAH-13, 9.3 MI WNW OF NORCROSS
S004-108	STONY CK AT CSAH-31, 7 MI NE OF E EDGE OF BARNESVILLE
S004-112	STONY CK AT CSAH-10, 2.5 MI SE OF SABIN
S004-142	SNAKE R AT MN-1 CROSSING IN ALVARADO
S004-143	INTERMITTENT STR AT 260TH AVE, 9 MI SW OF ROTHSAY
S004-144	MUSTINKA R AT CSAH-8, 1.75 MI E OF NORCROSS
S004-145	BUFFALO R MAINSTEM AT CSAH-9, 4.5 MI NE OF LAKE PARK
S004-146	BUFFALO R MAINSTEM AT CSAH-12, 3 MI NW OF LAKE PARK
S004-147	BUFFALO R S BR AT CR-63, 1 MI SE OF SABIN
S004-148	BUFFALO R S BR AT CR-79, 1.5 MI SW OF GLYNDON
S004-149	CD #6A (PERENNIAL STR) AT CR-163, 9 MI SW OF ROTHSAY
S004-150	UNN CK (PERENNIAL STR) ALONG CSAH-3, 2 1/4 MI E OF KENT
S004-151	INTERMITTENT STR ALONG CSAH-3, 2 1/4 MI E OF KENT
S004-152	SNAKE R AT CSAH-14, 5 MI NW OF VIKING

Project REDRWTCB Red River Basin River Watch Project

Start Date 05/01/1995 **Planned Duration** Ongoing

Purpose To develop reliable baseline data using standard scientific methods comparable between sampling organizations and water bodies. Also to provide students and citizens with hands-on opportunities to foster greater awareness and understanding of their local watersheds. Per Wayne Goeken most of the sampling done for this project will be via a Student Based Project with Wayne Goeken/Danni Halvorson overseeing. Selected portions of the data set will be submitted separately to the MPCA Citizen Stream Monitoring Program. Other volunteers who may sample for this project include students and teachers as well as some local SWCDs.

Study Area Statewide

Project Design Field Procedure Information:
SOP can be found at: www.redlakewatershed.org/h2oquality.html

Sample Collection Method(s) and Gear(s): Grab samples with horizontal Van Dorn samplers when stream is deep enough (generally over 1.5 feet). If under this depth, waders used to enter stream and hand dip.

Field Measurements - Methods and Instrumentation: Hach 2100P turbidimeter used for turbidity analysis. YSI QS 600 series sonde with 650 MDS Handheld used for dissolved oxygen, temperature, conductivity and pH. Transparency tube used for transparency readings. Weighted tape measure used for measure down stage readings.

Lab: RMB, Detroit Lakes, Minnesota

Obtain Plan Wayne Goeken
Red River Watershed Management Board
40048 160th Ave SE
Erskine, MN 56535
(218) 574-2622
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Danni Halvorson
Red River Watershed Management Board
23493 155th Ave NW
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Minnesota Pollution Control Agency

Obtain Plan (218) 280-0515
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MPCA Project Manager:
Bruce Paakh
MPCA Detroit Lakes Regional Office
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Detroit Lakes, MN 56501
(218) 846-0747
bruce.paakh@pca.state.mn.us

Assigned Stations

Station ID	Station Name
14-0093	BARNESVILLE (BLUE EAGLE)
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-042	RED LAKE RIVER W. OF GENTILLY
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-093	BOIS DE SIOUX R. BY WHEATON
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-477	POPLAR R AT CSAH-6 1 MILE NE OF FOSSTON
S000-553	BOIS DE SIOUX R ON CSAH-6 5.1 MI SW OF DORAN
S000-563	RED R OF THE N ON CSAH-1 2.6 MI W OF NIELSVILLE
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S000-700	MIDDLE R AT CSAH-4 AT ARGYLE
S000-706	SAND HILL R AT RD BTN S20/29 0.5 MI W OF FERTILE
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S001-053	RABBIT R AT CSAH-19 2.5 MI N OF NASHUA
S001-122	JENKINS L OUTLET AT UNN RD S11 4 M S OF PALISADE
S001-131	LOST R AT CSAH-5 AT OKLEE
S001-222	RED RIVER AT BRIDGE 50' UPST RED LK R CONFL
S001-458	CLEARWATER RIVER 1 1/2 MI W OF BAGLEY, MN
S001-461	CLEARWATER R, 6 1/4 MI N OF LEONARD, MINNESOTA
S001-462	CLEARWATER R, 7 3/4 MI NE OF GONVICK, MN
S001-907	CLEARWATER RIVER, CULVERT AT CR-91, 3.5 MI NE OF BAGLEY
S001-908	CLEARWATER R AT CSAH 2 BRG, 4 MI N OF SHEVLIN
S001-911	CLEARWATER R AT CSAH 24, 6 MI NE OF LEONARD
S001-999	OTTER TAIL R NR EVERDELL, CSAH-17 BRG, 4.5 MI S BRECKENRIDGE
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-001	MUSTINKA R AT CSAH-9 BRIDGE, 1.3 MI NW OF NORCROSS
S002-002	RABBIT R, AT CSAH-4 RT BANK OF BRG, .1 MI SW OF CAMPBELL
S002-003	OTTER TAIL R BLW ORWELL DAM, CSAH-15, 8 MI SW OF FERGUS FLS
S002-075	MAPLE LK INLET @ CSAH-10 BRG, 2 MI SO OF MENTOR
S002-080	RED LK R, SAMPSON BRG, IN CROOKSTON
S002-081	BURNHAM CK, TOWNSHIP RD BRG, 3/4 MI SE US-75 2 MI SW CROOKSTON
S002-083	GRAND MARAIS CK ON CSAH-220 BRG, 3 MI N OF EAST GRAND

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Station ID	Station Name
	FORKS
S002-085	MUD R ON CSAH-1 BRIDGE IN REDBY
S002-086	UNN INLET TO BEE LAKE AT CSAH-37 BRG, 1 MI SW OF ERSKINE
S002-098	RED LK R AT CSAH-220, 3.5 MI SE OF EAST GRAND FORKS
S002-099	SAND HILL R AT US-75 ON NORTH END OF CLIMAX
S002-100	TAMARAC R AT CSAH-220, 11 MI W OF STEPHEN
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-105	HAY CK AT CR-28, 3 MI NE OF ROSEAU
S002-106	HAY CK AT TWP RD, 1.25 MI NW CSAH-11 CROSSING, 6.5 E ROSEAU
S002-107	ROSEAU R AT MN-89 AT ROSS
S002-108	JD #25, SE INTERSEC 280TH AVE & 210TH ST, 5.5 MI E OF WARREN
S002-109	DALEN COULEE AT CR-39, 3.3 MI E OF PERLEY
S002-110	MARSH CK AT CR-40, 6.5 MI W OF MAHNOMEN
S002-111	WHISKY CK AT CR-25, 2 MI E OF BARNESVILLE
S002-112	WHISKY CK AT CR-21, 6 MI WNW OF BARNESVILLE
S002-113	RED R AT DEMERS AVE BRG BTW E GRAND FKS, MN & GRAND FKS, ND
S002-118	CLEARWATER R AT KLONDIKE BRIDGE/BOTTINEAU AVE RED LAKE FALLS
S002-119	CLEARWATER R AT CR4 AT OUTLET OF CLEARWATER LK
S002-122	WALKER BK AT CSAH19 IN BAGLEY MN
S002-124	CLEARWATER R AT RD IN T151R42S45W 1 MI N PLUMMER
S002-129	BADGER LK INLET AT TWP RD CULV BY ACCESS, 1 1/3 MI N ERSKINE
S002-130	MAPLE LK OTLT, DITCH NO. 14 AT CSAH-10, 1.5 MI SO. OF MENTOR
S002-131	MITCHELL LK/BADGER LK CONNECT US-2 BRG, 1 MI NO. OF ERSKINE
S002-132	BLACK R ON CSAH-18 B/4 CONFLU W/RED LK, 6 MI W RED LK FALLS
S002-133	LOST R AT CR-119, 2 MI N OF BROOKS
S002-134	HILL R AT CR-119, .5 MI NO. OF CSAH-92, IN BROOKS
S002-365	TWO RIVERS, S BR AT US-59 AT LAKE BRONSON
S002-368	TWO RIVERS, N BR AT CSAH-6, JUST W OF LANCASTER
S002-369	TWO RIVERS, N BR, 1.5 MI E OF CSAH-4, 8 MI NE OF LANCASTER
S002-370	TWO RIVERS, N BR, AT US-75 AT NORTHCOTE
S002-963	RED LK R AT 2ND AVE NE (MURRAY BRIDGE) IN EAST GRAND FORKS
S002-968	BATTLE R (SO BR) AT INDIAN SERVICES 19/HWY 18 10 MI NE REDBY
S002-969	BLACK DUCK R AT CSAH-23, 8.8 MI E OF REDBY
S002-970	PIKE CREEK, DNR GAUGING STATION (SO SIDE OF CSAH-1) RED LAKE
S002-971	RED LAKE R AT US-75 BRG (TRUCK BYPASS) ON W SIDE CROOKSTON

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Station ID	Station Name
S002-972	BURNHAM CK AT POLK CR-216, 2.3 MI SE OF FISHER
S002-973	RED LAKE R AT BROADWAY AVE IN CROOKSTON
S002-974	CD #126 AT KEYWEST ON CSAH-20, 10 MI NE OF FISHER
S002-975	RED LAKE R AT OLD RAILROAD CROSSING IN RED LAKE FALLS
S002-976	RED LAKE R AT CSAH-3, 8 MI W OF RED LAKE FALLS
S002-977	MUD R AT CSAH-54 IN GRYGLA
S002-978	UNN TRIB (MUD R) MOOSE R IMP OLT FOR JD11, 10.5 MI NE GRYGLA
S002-979	CD #20 AT CSAH-54, 5 MI SOUTH OF GRYGLA
S002-980	MOOSE R AT MOOSE R FOREST ROAD, 12 MI NE OF GRYGLA
S002-981	CLEARWATER R AT CSAH-5, 6 MI N OF OKLEE
S002-982	HILL R AT TWP RD .25 MI SO JUNC MN-92/CSAH-8 4.5 MI SO OKLEE
S002-983	GRAND MARAIS CK AT 130TH AVE SW, 2.5 MI NW OF FISHER
S002-984	GRAND MARAIS CK AT CSAH-19, 5 MI E OF E GRAND FORKS
S002-985	SNAKE R AT 2ND ST IN WARREN
S002-986	SNAKE R AT 5TH STREET IN WARREN
S002-987	MIDDLE R AT CSAH-28 ON WEST EDGE OF NEWFOLDEN
S002-988	MIDDLE R AT CSAH-30, 5 MI NW OF NEWFOLDEN
S002-989	MIDDLE R AT CSAH-39, 11 MI W OF NEWFOLDEN
S002-990	TAMARAC R AT CSAH-10, 6.3 MI NW OF STEPHEN
S002-991	TAMARAC R AT 390TH AVE NW ON W SIDE OF STEPHEN
S002-992	TAMARAC R AT CSAH-34, 12 MI SE OF STEPHEN
S002-993	TAMARAC R AT US-75 IN STEPHEN
S002-994	SNAKE R AT 210TH ST NW IN BOXVILLE TWP, 2.5 MI SW OF WARREN
S002-995	TAMARAC R AT UNN ST(PEMBINA TRAIL CROSSING) 4 MI SO.KARLSTAD
S002-996	SOUTH BRANCH TWO RIVERS AT CSAH-10, 7.8 MI NW OF PELAN
S002-997	LAT DT #1 OF SD #95 UNN ST (NO KLONDIKE BRG) 8.5 MI NW PELAN
S002-998	SB TWO R AT CR-105, 2 MI SE OF PELAN
S002-999	TWO RIVERS, M BR AT MN-175, 14 MI E OF HALLOCK
S003-009	CRANE CK AT CSAH-22 1.5 MI S OF MEDFORD
S003-092	TWO RIVERS N BR AT TWP HWY T-215, 2 MI E OF NORTHCOTE
S003-093	ROSEAU R SO FK AT CR-126, 7 MI SO OF ROSEAU
S003-094	ROSEAU R AT CENTER STREET IN ROSEAU
S003-095	ROSEAU R AT OLD RR BRIDGE AT MALUNG TOWN HALL IN MALUNG
S003-096	ROSEAU R AT MN-310, 5.2 MI NO OF ROSEAU
S003-097	SPRAGUE CREEK AT MN-310, 6.4 MI NO OF ROSEAU
S003-098	CLEARWATER R AT CSAH-1, 1 1/4 MI W OF US-59, 1 MI SW PLUMMER
S003-099	TWO RIVERS S BR AT TOWNSHIP RD, 1.5 MI SE OF HALLOCK
S003-100	TWO RIVERS M BR AT TOWNSHIP ROAD, 3 MI SE OF HALLOCK
S003-101	SNAKE R AT CSAH-34, 3 MI NE OF WARREN

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Station ID	Station Name
S003-102	TWO RIVERS AT TOWNSHIP ROAD, 6.5 MI W OF HALLOCK
S003-103	TWO RIVERS M BR AT TOWNSHIP ROAD, 4 MI N OF LAKE BRONSON
S003-104	MUSTINKA R AT CSAH-13, 6 MI NE OF HERMAN
S003-105	MUSTINKA R AT CSAH-8, 8 MI NE OF HERMAN
S003-106	CD #8 ON MN-27, 3.4 MI W OF HERMAN
S003-107	BOIS DE SIOUX R AT WHITE ROCK DAM OLT CSAH-10 7 MI W WHEATON
S003-108	BOIS DE SIOUX R AT CSAH-16, 8 MI N/4 MI W OF WHEATON
S003-109	JD #19 (TAMARAC R) ON 220TH AVE NW, 3 1/4 MI W STRANDQUIST
S003-110	UNN INLET TO WEST TOQUA LK AT CR-52 3 MI SW OF GRACEVILLE
S003-111	RED R AT MN-210 BYPASS ON NO. SIDE OF BRECKENRIDGE
S003-112	TWELVE MILE CREEK E BR AT CSAH-18, 9 MI SE OF DUMONT
S003-113	TWELVE MILE CREEK W FK AT CR-62, 5 MI SE OF DUMONT
S003-114	TWELVE MILE CREEK E BR ON CSAH-6, 3.4 MI E OF DUMONT
S003-115	UNN TRIB (E BR 12 MILE CK TO W BR) AT CR-62, 3 MI SE DUMONT
S003-116	TWELVE MILE CREEK W BR AT CR-62, 2 MI SE OF DUMONT
S003-117	TWELVE MILE CREEK W BR AT KING AVE, 1.7 MI W OF GRACEVILLE
S003-118	FIVE MILE CK ON MN-27, 5.7 MI W OF HERMAN
S003-119	BOIS DE SIOUX R AT MN-55 2 MI E FAIRMOUNT ND/5.4 W TENNEY MN
S003-120	UNN TRIB TO THE RABBIT R AT MN-9, 1.5 MI NO. OF CAMPBELL
S003-121	STINER CK AT CSAH-34 CROSSING, .6 MI E OF ULEN
S003-122	MUSTINKA R AT MUSTINKA DAM (PINE RIDGE PARK), 5 MI NE HERMAN
S003-123	TWELVE MILE CK W BR ON CSAH-6, .25 MI E OF DUMONT
S003-124	TWELVE MILE CK ON CSAH-14, 7.5 MI NE OF WHEATON
S003-125	BUFFALO R S BR AT CSAH-10 (1/3 MI W US-52), 1.6 MI SE SABIN
S003-126	POPLAR R AT 240TH AVE SE, 2.5 MI NW OF MCINTOSH
S003-127	POPLAR R AT CSAH-30, 1.5 MI N OF FOSSTON
S003-128	UNNAMED OUTLET FROM OAK LAKE, 3 MI E OF ERSKINE
S003-129	CTY DT #39 AT CSAH-26, 7 MI SO OF FELTON
S003-130	SANDHILL R AT MN-9, .5 MI SO OF BELTRAMI
S003-131	CD #16 AT CSAH-31, 5 MI SE OF MCINTOSH
S003-132	SANDHILL R INTER 330TH AVE SW/230TH ST SW 4 MI NE NIELSVILLE
S003-133	SAND HILL R AT CSAH-51, 4.2 MI SE OF CLIMAX
S003-134	SAND HILL R AT MN-220, .5 MI W OF CLIMAX
S003-135	SAND HILL R AT CSAH-1, 1 MI E OF FERTILE
S003-136	SAND HILL R AT 350TH AVE SW, 4 MI SW OF FERTILE
S003-137	SAND HILL R AT 340TH AVE SE, 3 1/4 MI SW OF FOSSTON
S003-138	SAND HILL R AT 200TH ST SE, 6 MI SW OF FOSSTON
S003-139	SAND HILL R AT 345TH AVE SE, 4.5 MI SW OF FOSSTON

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Station ID	Station Name
S003-140	SAND HILL R AT CSAH-1, 5.2 MI E OF FERTILE
S003-141	SAND HILL R AT CSAH-10, 9 MI SE OF FERTILE
S003-142	RED R AT CSAH-7, 2.2 MI W OF CLIMAX
S003-143	SAND HILL R AT 185TH ST SE, 5.5 MI SE OF MCINTOSH
S003-144	SAND HILL R AT 120TH ST SE, 2.8 MI SW OF WINGER
S003-145	BUFFALO R SB AT CSAH-11, 9 MI SW OF BARNESVILLE
S003-146	BUFFALO R ON MN-9, 3 1/2 MI E OF GLYNDON
S003-147	CD #14 LAWDALE SPRING AT CR-167, 8 MI S OF BARNESVILLE
S003-148	BUFFALO R SB ON TWP RD 14, 9 MI SW OF BARNESVILLE
S003-149	BUFFALO R, .3 MI N OF US-10 ON E EDGE OF HAWLEY
S003-150	DEER HORN CK AT CSAH-52, 6.5 MI SE OF BARNESVILLE
S003-151	DEER HORN CK AT CR-211, 8 MI SW OF BARNESVILLE
S003-152	BUFFALO R AT CSAH-31, 1.4 MI S OF US-10, 1.7 MI S OF HAWLEY
S003-153	BUFFALO R AT MN-32, 2.5 MI E OF HAWLEY
S003-154	BUFFALO R FOOT BRIDGE IN CITY PARK ON E EDGE OF HAWLEY
S003-155	BUFFALO R ON TOWNSHIP ROAD, 5 MI NE HAWLEY
S003-156	BUFFALO R ON CSAH-23, 5 MI SW OF HAWLEY
S003-157	COON CK AT CSAH-28, 4 MI W OF TWIN VALLEY
S003-158	UNN DT (AKA FELTON DITCH) AT TOWNSHIP ROAD, 3.8 MI NE PERLEY
S003-159	MASHAUG CK FOOT BRG AT HEIBERG PARK, 1 MI NO OF TWIN VALLEY
S003-160	UNN CK (AKA MOCCASIN CK) AT CSAH-37, 8.5 MI SE TWIN VALLEY
S003-161	SPRING CK AT CSAH-40, 8 MI SW OF MAHNOMEN
S003-162	WHITE EARTH R AT CR-25, 2.3 MI SE OF MAHNOMEN
S003-163	WILD RICE R ON MN-200, 1.2 MI NE OF MAHNOMEN
S003-164	WILD RICE R SB AT CR-193, 7.75 MI SW OF ADA
S003-165	WILD RICE R SB AT MN -32 AT CITY PARK, .7 MI N OF ULEN
S003-166	OTTERTAIL R ON CSAH-19, 18 MI SE OF BRECKENRIDGE
S003-167	OTTERTAIL R ON CSAH-10, 2 MI E OF BRECKENRIDGE
S003-168	CD #19 (AKA FELTON CK) ON CSAH-33, 4 MI SW OF ULEN
S003-169	UNN TRIB TO BEAVER CK N OF CSAH 2. 1 MI NW OF BEAVER FALLS
S003-272	NORTH LATERAL ONE OF JD #12 AT CR-41, 9.8 MI SE OF TINTAH
S003-273	LATERAL THREE OF JD #2 AT CR-42, 9.1 MI ESE OF TINTAH
S003-274	JD #2 ON MN-55, 2 MI E OF NASHUA
S003-275	JD #12 AT 2ND STREET BRIDGE ON EAST EDGE OF TINTAH
S003-279	CD # 13-LATERAL, 1/2 MI W OF CR-176, 13.1 MI SSW BARNSEVILLE
S003-280	CD #13 ON MN-9, 12.4 MI SSW OF BARNESVILLE
S003-281	UNNAMED WATERWAY CROSSING ON UNNAMED ROAD, 1.5 MI NE RINDAL
S003-282	TRIB TO WHISKY CK AT TOWNSHIP ROAD, 3.5 MI WNW BARNESVILLE

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Station ID	Station Name
S003-283	COUNTY DITCH NO. 8 AT CSAH-2, 4.4 MI SE OF GRACEVILLE
S003-307	WILD RICE R S BR AT UNNAMED ROAD, 4.1 MI NW OF ULEN
S003-308	WILD RICE R S BR AT UNN GRAVEL RD, 1.25 MI ENE OF ULEN
S003-309	WILD RICE R S BR AT CSAH-27, 8.4 MI WNW OF ULEN
S003-311	STONY CK AT CSAH-25, 3.5 MI NE OF BARNESVILLE
S003-312	STONY CK AT UNN GRAVEL RD, 6.25 MI NW OF BARNESVILLE
S003-313	HAY CREEK AT UNN GRAVEL RD, 8 MI NNW OF BARNESVILLE
S003-314	HAY CK AT UNNAMED GRAVEL ROAD, 10.3 MI NNE OF BARNESVILLE
S003-315	SPRING CK AT UNN GRAVEL RD CROSSING, 6 MI NO. BARNESVILLE
S003-316	HAY CK AT UNN GRAVEL RD CROSSING, 7 MI NW OF BARNESVILLE
S003-317	UNN OUTLT FROM BEE LK AT CAMERON LAKE RD SE 1.6 MI W ERSKINE
S003-318	JD #73, AT 75TH STREET SE, 4.4 MI W OF ERSKINE
S003-320	INLET TO GRAND LK AT CSAH-8, 2.9 MI S OF ROCKVILLE, MN
S003-570	HILL R AT 240TH AVE SE, 3.6 MI NE OF MCINTOSH
S003-571	RED LAKE R AT SPORTSMAN PARK NEAR PUB ACCESS IN RED LK FALLS
S003-677	MUSTINKA R ON CSAH-11 CROSSING, 7.2 MI NE OF WHEATON
S004-112	STONY CK AT CSAH-10, 2.5 MI SE OF SABIN
S004-146	BUFFALO R MAINSTEM AT CSAH-12, 3 MI NW OF LAKE PARK
S004-172	WILD RICE R S BR AT 250TH ST NO., 2.2 MI NW OF ULEN
S004-173	WILD RICE R S BR AT 290TH AVE ON CTY LN, 4.5 MI ENE OF ULEN
S004-174	FELTON CK (CD-19) AT CSAH-27, 9.8 MI SW OF ULEN
S004-175	UNN TRIB AT 180TH AVE NO., 3.8 MI NW OF ULEN
S004-176	RABBIT R AT CR-152, 3.1 MI SE OF CAMPBELL
S004-177	CD-9 AT UNN RD, 3 MI NE OF CAMPBELL
S004-178	CD-43 ALONG NO. SIDE OF CSAH-30, 1.5 MI W OF LAWNDALE
S004-179	CD-43 ALONG NO. SIDE OF CSAH-30, 3 MI W OF LAWNDALE
S004-180	CD-12 AT UNN ST CROSSING, 1.1 MI E OF N EDGE OF CLIMAX
S004-181	CD-12 AT 285TH AVE SW CROSSING, .5 MI E OF N EDGE OF CLIMAX
S004-182	CD-46 AT 240TH ST SW CROSSING, 3 MI SE OF CLIMAX
S004-183	CD-6 AT 240TH STREET SW CROSSING, 2 MI E OF N EDGE OF CLIMAX
S004-184	CD-6 AT 250TH ST SW CROSSING, 1.3 MI E OF CLIMAX
S004-185	CD-73 AT 240TH ST SW CROSSING, 4.8 MI SE OF CLIMAX
S004-186	SAND HILL R AT 240TH ST SW CROSSING, 7.5 MI SE OF CLIMAX
S004-187	KITTLESON CK AT 330TH AVE SW CROSSING, 5.6 MI W OF FERTILE
S004-188	SAND HILL R AT 340TH AVE SW, 5.6 MI ESE OF BELTRAMI
S004-189	TWELVE MILE CK E FK ON CR-62/CSAH-8, 8.2 MI SE OF DUMONT
S004-190	TWELVE MILE CK ON CR-62/CSAH-8, 9.7 MI SE OF DUMONT
S004-191	HAY CK AT CSAH-37, 6.1 MI ENE OF HAWLEY

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Station ID	Station Name
S004-192	MARSH R AT CSAH-19, 6.6 MI E OF HALSTAD
S004-193	SPRING CK (AKA SD-68) ON CSAH-19, 7.6 MI E OF HALSTAD
S004-194	TWELVE MI CK ON CR-72, 7.1 MI ESE OF WHEATON
S004-195	TWELVE MILE CK W BR ON CR-72, 6.8 MI ESE OF WHEATON
S004-196	EIGHTEEN MILE CK AT MN-27, 1.2 MI E OF WHEATON
S004-197	TWELVE MILE CK AT MN-27, 5.8 MI E OF WHEATON
S004-198	SAND HILL R AT 150TH ST SE CROSSING, 2 MI ESE OF WINGER
S004-199	SAND HILL R AT CSAH-7 CROSSING, 7.6 MI SW OF WINGER
S004-200	WILD RICE R AT CSAH-20, 4.6 MI SW OF ADA
S004-201	WILD RICE R AT CSAH-24, 4.4 MI E OF ADA
S004-202	CLEARWATER R AT 336TH ST IN HEADWTR AREA 6.5 MI SW OF BAGLEY
S004-203	CLEARWATER R NEAR HEADWTR AREA AT T-277 5 1/4 MI W OF BAGLEY
S004-204	CLEARWATER R AT SCHILLING RD, DNST STORM S OUTLET IN BAGLEY
S004-205	UN CK (NESSET CK) TO LOST R, NESSET CK DR, 6 3/4 SW CLEARBRK
S004-206	LOST R ON CSAH-20 NEAR HEADWATERS, 6 MI SW OF CLEARBROOK
S004-207	UNN CK AT N RAILROAD STREET IN CLEARBROOK
S004-208	HILL R AT CROSS LAKE INLET, 280TH AVE SE, 6 MI NE OF FOSSTON
S004-209	HILL R AT CROSS LAKE OUTLET AT 265TH AVE SE, 7 MI NE FOSSTON
S004-215	MIDDLE R AT CSAH-34 BRG XING, 6 MI E OF ARGYLE
S004-358	SAND HILL R AT 340TH AVE SW, 7 MI ESE OF BELTRAMI
S004-648	SAND HILL R AT 110TH ST SW (CR-213), 3 MI SE OF BELTRAMI
S004-998	WHISKY CK AT MN-34 IN BARNESVILLE
S004-999	WHISKY CK 50 FT W OF MN-9 IN BARNESVILLE
S005-000	UNN STR AT MN-9, .5 MI W OF BARNESVILLE
S005-001	UNN STR AT 180TH ST S/3RD ST SW, 1 MI S OF BARNESVILLE
S005-002	CD #41 (WILKIN COUNTY) AT 230TH AVE, 6 MI SW OF BARNESVILLE
S005-283	LOST R CULVERT XING ON 109TH AVE (CSAH-12) 7.4 MI SW GONVICK
S005-284	CLEARWATER R BRIDGE XING ON CSAH-15, 9 MI NW OF CLEARBROOK

Project REGCOM Regulatory Compliance

Start Date 07/17/2002 **Planned Duration** Ongoing

Purpose Surface water monitoring to support activities of the regulatory permit programs.

Assigned Stations

Station ID	Station Name
S001-463	DARK RIVER AT CR 65 BRIDGE, 18 MI NE OF CHISHOLM
S001-471	EMBARRASS R AT HWY 135 BR IN BIWABIK, UPST OF EMBARRASS LK

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Station ID	Station Name
S001-472	EMBARRASS R AT HWY 135 BR, 3 MI SW OF EMBARRASS
S001-473	LITTLE FORK R AT CR 114 BR, 25 MI NW OF COOK
S001-474	LITTLE FORK R AT CR 139 BRIDGE, 1 MI N OF MEADOWBROOK
S001-495	STURGEON RIVER AT CR 652, 14 MI N OF CHISHOLM
S001-496	STURGEON R AT HWY 73, UPST OF DARK R CONFL, N OF CHISHOLM
S001-497	PIKE RIVER FLOWAGE AT SH-1, 4.5 MI W OF TOWER
S001-675	PIKE R AT CR 68 BR, 12MI E OF BRITT, 2MI DS OF SANDY R CONFL
S001-676	PIKE RIVER AT HWY 169 BRIDGE, 12 MILES SW OF TOWER, MN
S001-677	STURGEON RIVER AT HWY 1 BRIDGE, 16 MI W OF COOK
S001-680	EMBARRASS R ON CO RD-620 6 MI SW OF BABBITT
S001-681	SAND RIVER AT CR 303 BRIDGE, 6 MI SE OF BRITT
S001-682	SAND R AT USHWY 53 BRIDGE, 3 MI SW OF BRITT

Project RICECKWD Rice Creek Watershed District

Start Date 01/01/1990 **Planned Duration** Twelve years

Purpose Lakes and river/stream condition monitoring. Includes Hardwood Creek Biotic/Dissolved Oxygen TMDL monitoring data.

1/14/08: Matthew Kocian has replaced Chuck Johnson as project manager. Hardwood Ck TMDL was removed as part of the Name of this project per Matthew Kocian.

Project Design Water quality data for this project are derived from field measurements performed by Rice Creek Watershed District, Metropolitan Council, and Ramsey County. Water quality samples were analyzed by Braun Intertech, Ramsey County, E.A. Hickock, and JMM.

Obtain Plan The principal investigator for the project is:

Matthew Kocian
Lakes and Streams Specialist
Rice Creek Watershed District
4325 Pheasant Ridge Drive, Suite 611
Blaine, MN 55449
763-398-3075
mkocian@ricecreek.org

Assigned Stations

Station ID	Station Name
02-0005	GEORGE WATCH
02-0007	MARSHAN (FORSHAM)
02-0008	RICE
02-0013	BALDWIN
02-0016	HOWARD
82-0146	RICE
82-0147	EGG
82-0168	MUD
S000-123	RICE CREEK S.W. OF FOREST LAKE
S003-026	ANOKA CO DT 53-62 AT LAKE DRIVE (CR-23) IN CIRCLE PINES
S003-027	LAMOTTE DT 1 INLET TO NURP PD AT LAMOTTE CIR IN

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Station ID	Station Name
	CENTERVILLE
S003-028	RAMSEY CO DT 2 JONES LK OUTLET E OF CR-77 IN NEW BRIGHTON
S003-029	RAMSEY/WASHINGTON CO JD-1 AT SPY GLASS RD IN DELLWOOD
S003-030	RAMSEY/WASHINGTON CO JD-1 AT 117TH ST N IN GRANT
S003-031	RAMSEY/WASHINGTON CO JD-1 AT TAYLOR AVE IN WHITE BEAR TWP
S003-032	HARDWOOD CK AT 20TH AVE (CR-21) IN LINO LAKES
S003-033	HARDWOOD CK AT N 157TH ST NE OF HUGO
S003-034	HARDWOOD CK AT N 170TH ST NNE OF HUGO
S003-035	RONDEAU LK OUTLET AT E RONDEAU LAKE RD IN LINO LAKES
S003-036	RICE CK AT I-35W IN LINO LAKES
S003-037	DWNST OF PELTIER LK DAM AT MAIN ST NW OF CENTERVILLE
S003-038	RICE CK AT GOLDEN LAKE LANE IN CIRCLE PINES
S003-039	VALENTINE LK OUTLET AT OLD HWY 10 IN ARDEN HILLS
S003-040	RICE CK AT LONG LK OUTLET AT LONG LAKE RD IN NEW BRIGHTON
S003-041	HARDWOOD CK AT E 170TH ST N OF HUGO
S003-042	CLEARWATER CK S OF CR-14 (MAIN ST) IN CENTERVILLE
S003-043	ANOKA CO DT 32 AT MARSHAN LK UNDER I-35W IN LINO LAKES
S003-044	LAMOTTE DT 2 OUTLET TO NURP PD AT LAMOTTE CIR IN CENTERVILLE
S003-045	RAMSEY CO DT 2 AT PIKE LK OUTLET AT LONG LK RD NEW BRIGHTON
S003-046	JOHANNA LK OUTLET AT LAKE JOHANNA BLVD IN ARDEN HILLS
S003-047	HARDWOOD CK AT HARROW AVE IN FOREST LK TWP
S003-048	VALENTINE LK OUTLET AT CR-E2 W OF OLD HWY 10 IN ARDEN HILLS
S003-049	RICE CK 150 METERS W OF CENTRAL AVE (HWY 65) IN FRIDLEY
S003-050	RICE CK INLET TO LONG LK AT MISSISSIPPI ST IN NEW BRIGHTON
S003-051	HARDWOOD CK AT W 170TH ST N OF HUGO
S003-052	HARDWOOD CK AT HWY 61 N OF HUGO
S003-053	RAMSEY CO DT 2 S OF 7TH ST AT HANSON PARK IN NEW BRIGHTON
S003-054	CLEARWATER CK AT BALD EAGLE LK OUTLET AT ETHAN RD IN HUGO
S003-055	ANOKA CO DT 4 AT CR-21 IN COLUMBUS TWP
S003-056	ANOKA CO DT 53-62 AT GOLDEN LAKE RD CULVERT IN CIRCLE PINES
S003-057	ROUND LK OUTLET AT OLD HWY 10 IN ARDEN HILLS
S003-058	RICE CK AT CR-I IN SHOREVIEW
S003-059	RICE CK AT LEXINGTON AVE IN SHOREVIEW
S003-060	RICE LK OUTLET AT HODGSON RD (CR-49) IN LINO LAKES
S003-063	JOHANNA CREEK AT LK VALENTINE RD (CR12) IN ARDEN HILLS

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Project RICE_NES Rice County Natural Environment Shoreland Lake Sampling

Start Date 06/01/2002 **Planned Duration** Ongoing

Purpose Establish conditions on lakes that have little or no monitoring history.

Study Area Caron, Cody, Duban, Horseshoe, Metagga, Phelps, Rice and Sprague Lakes

Project Design Two-meter integrated sampler and secchi disk.

Assigned Stations

Station ID	Station Name
40-0001	HORSESHOE
66-0008	CANNON
66-0018	ROBERDS
66-0027	CIRCLE
66-0029	FOX
66-0032	UNION
66-0039	MAZASKA
66-0045	SPRAGUE
66-0048	RICE
66-0050	CARON
66-0052	CEDAR
66-0056	LEMAY (DUBAN)
66-0061	CODY
66-0062	PHELPS
66-0064	METOGGA

Project RIPLEY Lake Ripley Post Phase I Monitoring

Start Date 06/01/1987 **Planned Duration** Indefinite

Purpose Condition - Post Phase I Monitoring

Legacy Ripley data as "LEGRIP."

Assigned Stations

Station ID	Station Name
47-0134-02	RIPLEY
S001-209	JEWITTS CK AT L RIPLEY OUTLET 1 MI SW LITCHFIELD
S002-739	UNN STR INL E SHORE L RIPLEY 0.5 MI S LITCH
S002-740	UNN STR INL L RIPLEY SW SHORE RD NR LITCHFIELD
S002-741	UNN STR INL NE SHORE L RIPLEY, LITCHFIELD
S002-742	UNN STR INLET L RIPLEY AT S L RIPLEY DR BRIDGE
S002-743	UNN STR OUTLET OF EAST L RIPLEY AT CR 288

Project RIVERBND Urban Stream Assessment at the Bend of the River - Mankato

Start Date 04/01/2002 **Planned Duration** 2 years

Purpose Condition, effectiveness and problem investigation.

Obtain Plan Citation for Plan:
Lee Ganske

Project Summary

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Minnesota Pollution Control Agency

Obtain Plan Minnesota Pollution Control Agency
Rochester Office
18 Wood Lake Drive SE
Rochester, MN 55904
lee.ganske@pca.state.mn.us
(507) 281-7765

Assigned Stations

Station ID	Station Name
S004-073	THOMPSON RAVINE AT INLET TO UNDERGROUND DIVERSION
S004-074	LAKE DOROTHY POND DISCHARGE AT HEAD OF THOMPSON RAVINE
S004-075	MNDOT POND DISCHARGE AT HEAD OF THOMPSON RAVINE

Project RLC-S Red Lake County SWCD River Monitoring Program (SWAG)

Start Date 05/01/2008 **Planned Duration** 2 years

Purpose River Water Quality Data Collection
Surface Water Assessment Grant

Study Area Red Lake County

Project Design Sample Collection Method(s) and Gear(s): Grab sample with Kemmer

Field Measurements: Field parameters measured by using turbidity, conductivity, dissolved oxygen and pH Hach meters. Also, parameters will be tested using a Sonde meter. QA/QC.

Turbidimeter Make and Model: Hach 2100P
Sonde 600XL meter along with a Hach 2100P Turbidity meter 6-4-2008

Lab: RMB Lab, Detroit Lakes, Minnesota

Obtain Plan Tanya Hanson
Red Lake County SWCD
2602 Wheat Drive
Red Lake Falls, MN 56750
(218) 253-2593
tanya.hanson@mn.nacdnet.net

MPCA Project Manager:
Johanna Schussler
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-282-6411
johanna.schussler@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S002-730	CD57 TO CLEARWATER R AT CR126, 2 MI NE OF PLUMMER
S004-816	BEAU GERLOT CK AT MN-92, 2 1/4 MI W OF TERREBONNE
S004-817	BROWNS CK AT CSAH-9, 6 MI NW OF RED LAKE FALLS
S004-818	CYR CK AT CR-110, 4 MI SW OF RED LAKE FALLS
S004-819	TERREBONNE CK AT MN-92 IN TERREBONNE

Project RMBLAB RMB Environmental Laboratory Monitoring Program

Project Summary

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Start Date 01/01/1995 **Planned Duration** ongoing
Purpose Condition monitoring

Obtain Plan Citation for Plan:

Pam Anderson
MPCA
520 Lafayette Road
St. Paul, MN 55155
651-296-8544
pam.anderson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
01-0089	LONG
01-0096	DAM
03-0010	STRAIGHT
03-0085	BAD MEDICINE
03-0107	TOAD
03-0153	ISLAND
03-0155	ROUND
03-0157	TEA CRACKER
03-0189	LITTLE TOAD
03-0195	HEIGHT OF LAND
03-0197	BLACKBIRD
03-0200	PINE
03-0241-02	NORTH TAMARACK
03-0286	COTTON
03-0287	PICKEREL
03-0291	RICE
03-0293	ROCK
03-0304	BIG SUGAR BUSH
03-0323	STRAWBERRY
03-0328	WHITE EARTH
03-0350	BUFFALO
03-0358	FOX
03-0359	SALLIE
03-0360	MUSKRAT
03-0363	CURFMAN
03-0364	GLAWE
03-0366	ABBEY
03-0374-01	JOHNSON
03-0374-02	REEVES
03-0381	DETROIT
03-0383	LONG
03-0386	LITTLE FLOYD
03-0387-01	MUD
03-0387-02	FLOYD (BIG FLOYD)

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Station ID	Station Name
03-0400	BRANDY
03-0420	SANDS
03-0475	MELISSA
03-0486	PEARL
03-0489	LOON
03-0500	MAUD
03-0503	EUNICE
03-0506	LITTLE CORMORANT
03-0575	LEIF
03-0576	BIG CORMORANT
03-0582	IDA
03-0587	ROSSMAN
03-0588	UPPER CORMORANT
03-0595	NELSON
03-0596	UNNAMED (LARSON)
03-0602	MIDDLE CORMORANT
03-0638	BESEAU
03-0657	TURTLE
04-0011	MOOSE
04-0024	GILSTAD
04-0030	CASS
04-0032	PIMUSHE
04-0034	RABIDEAU
04-0038	ANDRUSIA
04-0043	LOST
04-0048	WINDIGO (HELEN)
04-0049	BIG
04-0063	NORTH TWIN
04-0069	BLACKDUCK
04-0076	LONG
04-0079	WOLF
04-0085	SWENSON
04-0097	BUCK
04-0099	UNNAMED
04-0110	LITTLE BASS
04-0111	TURTLE RIVER
04-0120	GULL
04-0122	MEDICINE
04-0124	SANDY
04-0130-01	STUMP
04-0132-02	BIG BASS
04-0134	THREE ISLAND
04-0135	BELTRAMI
04-0137	WHITE FISH

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Station ID	Station Name
04-0138	JACKSON
04-0140	IRVING
04-0142	MARQUETTE
04-0152	MOVIL
04-0155	LITTLE TURTLE
04-0157	BLACK
04-0159	TURTLE (BIG TURTLE)
04-0162	FOX
04-0166	JULIA
04-0196	CAMPBELL
04-0198	PUPOSKY
04-0217	GRANT
04-0227	LONG
04-0230	DEER
04-0244	BOSTON
04-0265	ISLAND
04-0267	TEN MILE
04-0297	BUZZLE
04-0299	FUNKLEY
04-0300	WHITEFISH
04-0304	MYRTLE
04-0307	SANDY
04-0329	BALM (TURTLE)
04-0331	DELLWATER (DALE)
04-0342	MOOSE
04-0343	CLEARWATER
04-0344	PARKS
06-0152	BIG STONE
09-0008	CHUB
11-0059	WASHBURN
11-0062	THUNDER
11-0133	SWIFT
11-0142-02	LONG (MAIN BASIN)
11-0143	BOY
11-0167	LITTLE BOY
11-0171-01	WABEDO (NE BAY)
11-0200	MULE
11-0218	UPPER GULL
11-0232	HATTIE
11-0250	ADA
11-0257	ISLAND
11-0261	MCKEOWN
11-0269	LOST
11-0270	TRILLIUM (LIZARD)

Project Summary

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Station ID	Station Name
11-0274	BLACKWATER
11-0279	SAND
11-0281	BARNUM
11-0305	GULL
11-0371	STONY
11-0376	BLUEBERRY
11-0383	PLEASANT
11-0411	PINE MOUNTAIN
11-0476	PORTAGE
15-0001	BIG LASALLE
15-0038	FALK
15-0040	BAGLEY
15-0050	LONG
15-0057	LONG
15-0058	HEART
15-0059	UPPER RICE
15-0060	WALKER BROOK
15-0068	LONG LOST
15-0075	ROCKSTAD (ROGSTAD)
15-0079	MINERVA
15-0081	LOMOND
15-0083	PETERSON
15-0086	JOHNSON
15-0090	DEEP
15-0104	LONE
15-0124	MCKENZIE
15-0128	WAPTUS (BLAKELY)
15-0137	MINNOW
15-0139	FIRST
15-0144	LINDBERG
15-0149	PINE
16-0227	HUNGRY JACK
16-0228	BEARSKIN
16-0239	POPLAR
16-0253	DEER YARD
16-0360	CARIBOU
18-0018	CAMP (CROOKED)
18-0020	BORDEN
18-0038	CLEARWATER
18-0050	PORTAGE
18-0072	SHIRT
18-0080	GOOSE
18-0088	PLATTE
18-0093-02	RABBIT (W BASIN)

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Minnesota Pollution Control Agency

Station ID	Station Name
18-0104	NOKAY
18-0136	SOUTH LONG
18-0145	RICE
18-0147	ROUND
18-0148-01	TWIN (WEST BASIN)
18-0148-02	TWIN (EAST BASIN)
18-0155	CROW WING
18-0165	ROSS
18-0169	STARK
18-0251-01	HORSESHOE (E. BAY)
18-0251-02	HORSESHOE (W. BAY)
18-0320-01	GILBERT (EAST BAY)
18-0359	STAR
18-0360	LITTLE STAR
18-0372	NORTH LONG
18-0373	ROUND
18-0379	WHITE SAND
18-0386	RED SAND
18-0399	NISSWA
18-0404	SIBLEY
21-0016	SMITH
21-0041	UNION
21-0049	BURGEN
21-0052	GENEVA
21-0054	VICTORIA
21-0056	LE HOMME DIEU
21-0057	CARLOS
21-0073	VERMONT
21-0076	IRENE
21-0079	MAPLE
21-0080	DARLING
21-0081	WINONA
21-0083	MILTONA
21-0085	ANDREW
21-0092	MARY
21-0103	COWDRY
21-0106-01	LATOKA (NORTH BAY)
21-0106-02	LATOKA (SOUTH BAY)
21-0112	JOHNSON
21-0123	IDA
21-0144-01	LOBSTER (EAST BAY)
21-0145	CHIPPEWA
21-0160	RACHEL
21-0162	FREEBORN

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
21-0199-02	CROOKED (E. CROOKED)
21-0213	DEVILS
21-0291	RED ROCK
29-0002	MOW (MAUL)
29-0017	HAM
29-0025	NINTH CROW WING
29-0036-01	11 CROW WING (MAIN)
29-0061	GARFIELD
29-0071	GRACE
29-0072	EIGHTH CROW WING
29-0075	KABEKONA
29-0077	THIRD CROW WING
29-0078	FOURTH CROW WING
29-0085	SECOND CROW WING
29-0086	FIRST CROW WING
29-0087	PALMER
29-0088	ISLAND
29-0089	SHALLOW
29-0091	SEVENTH CROW WING
29-0092	FIFTH CROW WING
29-0093	SIXTH CROW WING
29-0098	WABOOSE
29-0101-01	CROOKED (E CROOKED)
29-0101-02	CROOKED (MID. BAY)
29-0117-01	SPIDER (NE/SW BAY)
29-0142	DUCK
29-0143	BIG STONY
29-0146	BELLE TAINE
29-0148	UPPER BOTTLE
29-0149	OJIBWAY (WEST DEAD)
29-0150	LITTLE SAND
29-0151-01	MANTRAP (E. BASIN)
29-0156	PLANTAGENET
29-0157	UPPER TWIN
29-0161	LONG
29-0162	BOULDER
29-0169-01	PEYSENSKE (MAIN BAY)
29-0172	STOCKING
29-0180	LOWER BOTTLE
29-0184	BLUE
29-0185	BIG SAND
29-0186	EMMA
29-0188	GILMORE
29-0208	BAD AXE

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Minnesota Pollution Control Agency

Station ID	Station Name
29-0216	GEORGE
29-0227	EVERGREEN (RAT)
29-0242	FISH HOOK
29-0243	POTATO
29-0246	HENNEPIN
29-0247	MORAN
29-0248	LORD
29-0249	HINDS
29-0250	PORTAGE
29-0256	EAGLE
29-0313	LITTLE MANTRAP
30-0135	SPECTACLE
30-0136	GREEN
31-0084	SHALLOW
31-0255	SNAPTAIL
31-0384	PRAIRIE
31-0576	BASS
31-0586	JOHNSON
31-0725	TURTLE (BIG TURTLE)
31-0813	BOWSTRING
31-0826	SAND
31-0913	ISLAND
34-0096	LITTLE KANDIYOHI
34-0105	KASOTA
34-0217	FLORIDA
38-0738	N. BR. KAWISHIWI R.
38-0779	FARM
38-0782	GARDEN
40-0001	HORSESHOE
40-0009	SUNFISH
40-0010	DORA
40-0011	MABEL
40-0013	DIAMOND
40-0051	FISH
40-0056	RAYS (CHARLES)
40-0061	TUSTIN
44-0003	TULABY
45-0119	UNNAMED (FLORIAN RSR)
47-0002	FRANCIS
47-0038	BIG SWAN
47-0046	WASHINGTON
47-0050	MANUELLA
49-0015	LONG
49-0079	ALEXANDER

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Minnesota Pollution Control Agency

Station ID	Station Name
49-0127	SHAMINEAU
49-0133	CROOKNECK
49-0137	FISH TRAP
56-0114	WEST LEAF
56-0116-01	EAST LEAF (MIDDLE)
56-0116-02	EAST LEAF
56-0130	BIG PINE
56-0138	EAST BATTLE
56-0141	RUSH
56-0142	LITTLE PINE
56-0191-01	STUART (MAIN BASIN)
56-0209	BUCHANAN
56-0212	BOEDIGHEIMER
56-0214	ROUND
56-0238	CLITHERALL
56-0239	WEST BATTLE
56-0240	BLANCHE
56-0241	ANNIE BATTLE
56-0242	OTTER TAIL
56-0243	MARION
56-0245	DEVIL'S
56-0253	EAGLE
56-0293	CRANE
56-0297	ROUND
56-0298	DEER
56-0302-01	SILVER (1ST SILVER)
56-0302-02	SILVER (2ND SILVER)
56-0302-04	SILVER (3RD-MAIN BAY)
56-0306	ELBOW
56-0310	WALKER
56-0328	LITTLE MCDONALD
56-0335	PAUL
56-0355	WIMER
56-0358	SCALP (SEVEN)
56-0368	GRAHAM
56-0369	SIX
56-0378-02	EAST LOST (S. BAY)
56-0383	DEAD
56-0385	STAR
56-0386-01	BIG MCDONALD (N. BAY)
56-0386-02	BIG MCDONALD (W. MCDONALD)
56-0386-03	BIG MCDONALD (SE BAY)
56-0387	SYBIL
56-0388-02	LONG (MAIN LAKE)

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Minnesota Pollution Control Agency

Station ID	Station Name
56-0390	LONG
56-0437	STALKER
56-0475	PICKEREL
56-0501	EAST SPIRIT
56-0502	WEST SPIRIT
56-0517	EAST SILENT
56-0519	WEST SILENT
56-0523	EAST LOON
56-0532-01	TROWBRIDGE
56-0532-02	LEEK
56-0613	TEN MILE
56-0658	WALL
56-0747-01	LIDA (MAIN BASIN)
56-0747-02	LIDA (SOUTH ARM)
56-0749	CRYSTAL
56-0759	FRANKLIN
56-0760-01	LIZZIE (NORTH)
56-0761	LITTLE PELICAN
56-0768	FISH
56-0770	BASS
56-0781	SWAN
56-0784	LONG
56-0786	PELICAN
56-0877	JEWETT
56-0915	PRAIRIE
56-0931	TAMARAC
56-0950-01	WEST OLAF
56-1149	BERGER
56-1627	HOFFMAN
56-1636	KERBS
60-0189	CAMERON
60-0305	MAPLE
61-0006	JOHANNA
61-0023	GROVE
61-0029	WESTPORT
61-0037	LINKA
61-0041	SCANDINAVIAN
61-0064	AMELIA
61-0066	LEVEN
61-0067	VILLARD
61-0072	GILCHRIST
61-0078	RENO
61-0101-01	NELSON (MAIN LAKE)
61-0111	PELICAN

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
61-0122	ANN
61-0128	STRANDNESS
61-0130	MINNEWASKA
61-0149	SIGNALNESS (MOUNTN)
61-0162	MALMEDAL
61-0180	EMILY
66-0008	CANNON
66-0010	WELLS
66-0014	DUDLEY
66-0015	KELLY
66-0018	ROBERDS
66-0027	CIRCLE
66-0029	FOX
66-0038	FRENCH
66-0047	HUNT
66-0050	CARON
66-0052	CEDAR
69-0004	WHITE IRON
71-0081	MITCHELL
71-0082	BIG
73-0004	LONG
73-0006	CROOKED
73-0023	BEAVER
73-0038	CARNELIAN
73-0064	KRAEMER
73-0070	WATAB
73-0072	ROSSIER
73-0100	KALLA
73-0117	BIG SPUNK
73-0122	OCHOTTO
73-0123	LOWER SPUNK
73-0128	MIDDLE SPUNK
73-0136	PINE
73-0138	TWO RIVERS
73-0144	PIRZ
73-0159	BIG
73-0172	CLEAR
73-0196	RICE
73-0200-02	KORONIS (MAIN BASIN)
76-0057	HOLLERBERG
77-0009	TRACE
77-0023	BIG SWAN
77-0027	LONG
77-0032	LADY

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
77-0181	MAPLE
80-0030	LOWER TWIN
80-0034	BLUEBERRY
80-0037	STOCKING
80-0039	SPIRIT
81-0015	LOON
81-0095-01	ELYSIAN (UPPER - U/S DAM)
86-0001	FOSTER
86-0011	CHARLOTTE
86-0023	BEEBE
86-0066	BIRCH
86-0086	FOUNTAIN
86-0106	LITTLE WAVERLY
86-0107	DEER
86-0114	WAVERLY
86-0120	RAMSEY
86-0127	ALBERT
86-0134-01	UPPER MAPLE
86-0140	SILVER
86-0148	EAGLE
86-0156	MARY
86-0168	LOCKE
86-0171	EMBER
86-0183	FISH
86-0184	DUTCH
86-0190	ANN
86-0193	MARY
86-0199	HOWARD
86-0217	GRANITE
86-0221	CAMP
86-0223	INDIAN
86-0227	CEDAR
86-0229	MINK
86-0230	SOMERS
86-0233	SUGAR
86-0251	PLEASANT
86-0263	COKATO
86-0264	BROOKS
86-0273	FRENCH
86-0279	WEST SYLVIA
86-0281	CAROLINE
86-0284	AUGUSTA
86-0288	JOHN
86-0289	EAST SYLVIA

Project Summary

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Station ID 86-0293	Station Name COLLINWOOD
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Project RNAP Results Not Associated with a Project

Start Date 01/01/2007 **Planned Duration** Longterm

Purpose Repository for data results not associated with a project. This would include data from various project managers and projects. Project use would include data from station visits with minimal collection and samples collected for purposes other than the scope of a specific project.

Study Area Statewide

Project Design Various

Obtain Plan Various

Assigned Stations

Station ID	Station Name
S000-115	ROSEAU RIVER CR-53 AT CARIBOU
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-182	RAINY R AT ACCESS OFF SHOREWOOD DR W OF I'FALLS
S000-184	RAPID RIVER AT BRIDGE ON MN-11 AT CLEMENTSON
S000-251	BRULE R UPSTRM OF US-61 AT JUDGE CR MAGNEY PARK
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-800	BEAR CREEK ON USH-14 AT ROCHESTER
S001-210	UNN TRIB TO BIG COBB R, SH22 .5 MI N BEAUFORD
S001-231	BLUE EARTH RIVER 150 FT DNST OF RAPIDAN DAM
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-302	BLUE EARTH R AT SH-30, 3 MI W OF AMBOY
S001-326	CROW WING R AT BR ON CR-12 AT NIMROD
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-009	HERON LK OLT, 1/2 MI FROM CSAH-24 BRG, 2.25 MI E HERON LK
S002-079	THIEF R, 1 MI E CSAH-32, HILLYER BRG, 4 MI N THIEF R FALLS
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-113	RED R AT DEMERS AVE BRG BTW E GRAND FKS, MN & GRAND FKS, ND
S002-118	CLEARWATER R AT KLONDIKE BRIDGE/BOTTINEAU AVE RED LAKE FALLS
S003-025	ELM CREEK AT 290TH AVE - 4.5 MI NE OF GRANADA
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN

Project RNC River Nutrient Criteria Project

Start Date 06/01/1999 **Planned Duration** Four years

Purpose Monitor select sites in four different ecoregions to assess interrelationships among nutrients, algal abundance and BOD to aid in nutrient criteria development.

Project Summary

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Minnesota Pollution Control Agency

Purpose On 8-19-2004, Bruce Wilson of MPCA did Satellite Monitoring with some previously established river stations.

Assigned Stations

Station ID	Station Name
25-0001	PEPIN
49-0025	RICE
S000-004	CROW RIVER AT BRIDGE ON CSAH-36 AT DAYTON
S000-006	OTTER TAIL R BRIDGE ON 4TH ST N AT BRECKENRIDGE
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-013	RED LAKE R DNST OF MN-220 BR IN EAST GRAND FORKS
S000-016	RUM RIVER AT BRIDGE ON PLEASANT STREET IN ANOKA
S000-025	MISSISSIPPI RIVER AT US-169 BRIDGE AT ANOKA
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-046	ST LOUIS R. OLD USH-61 AT SCANLON
S000-050	S FK CROW RIVER SH-55 AT ROCKFORD
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-066	RUM RIVER CSAH-24, ST. FRANCIS
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-111	OTTER TAIL R BR ON CSAH-15 WEST OF FERGUS FALLS
S000-113	RED RIVER AT BRIDGE ON CSAH-39, 1 MI W OF PERLEY
S000-129	SUNRISE R. CSAH-9 AT SUNRISE
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-135	BLUE EARTH RIVER AT CSAH-4, 4 MI S OF BLUE EARTH
S000-139	COTTONWOOD R AT MN-15, 0.5 MI SE OF NEW ULM
S000-145	MINNESOTA R BRIDGE ON US-71 AND MN-19 AT MORTON
S000-150	MISSISSIPPI R CSAH-26 BRIDGE, 3 MI W OF ROYALTON
S000-151	MISSISSIPPI RIVER AT BR ON MN-115 AT CAMP RIPLEY
S000-152	MISSISSIPPI R. N. OF CROSBY
S000-154	MISSISSIPPI R AT MN-6 BRIDGE 8 MI SW OF COHASSET
S000-155	MISSISSIPPI R AT BR ON CSAH-8 7 MI E OF BEMIDJI
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-165	S FK CROW RIVER SH-7 1 MI. N OF MAYER
S000-169	MISSISSIPPI R ABOVE DAM AT BRAINERD
S000-174	BUFFALO R. USH-75 AT GEORGETOWN
S000-183	RED RIVER BR ON MAIN AVE AT 3RD ST., IN MOORHEAD
S000-216	WILD RICE R. USH-75 N OF HENDRUM
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY
S000-221	MISSISSIPPI RIVER AT BR ON MN-25 AT MONTICELLO
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S000-284	SAUK R. CSAH-31 S OF NEW MUNICH
S000-290	CANNON R. SH-56 BY RANDOLPH
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-344	MUSTINKA R. SH-117 W OF WHEATON

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-469	BLUE EARTH R AT CSAH-8 2 MI NW OF BLUE EARTH
S000-522	BLUE EARTH R AT CSAH-12 1 MI W OF WINNEBAGO
S000-523	BLUE EARTH R AT CSAH-10 1.5 MI S OF WINNEBAGO
S000-814	S FK ZUMBRO R 3 MI E OF ORONOCO
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S001-161	MIDDLE FK ZUMBRO R .4 MI ABV CONFL WITH ZUMBRO R
S001-222	RED RIVER AT BRIDGE 50' UPST RED LK R CONFL
S001-252	CROW R AT BR AT MN-101, 2.8 MI N OF ROGERS
S001-255	SF CROW R, BR AT BRIDGE AVE IN DELANO
S001-256	NF CROW R, FARMINGTON AVE BR, 2.8 MI W ROCKFORD
S001-257	CROW R AT BR AT BRIDGE ST IN ROCKFORD, MN
S001-302	BLUE EARTH R AT SH-30, 3 MI W OF AMBOY
S001-325	CROW WING R AT BR ON CR-33, 3 MILES E OF STAPLES
S001-326	CROW WING R AT BR ON CR-12 AT NIMROD
S001-327	BLUE EARTH R AT CSAH-34, 2.5 MILES SW OF RAPIDAN
S001-581	STRAIGHT R AT 2ND ST BRG, IN FARIBAULT
S001-582	CANNON R AT CANADA AVE, NEAR CSAH-47, 1 MILE NE OF WATERFORD
S001-678	MISSISSIPPI R UPST BLANCHARD DAM, NW OF ROYALTON
S001-679	REDWOOD R AT CSAH-17, 3 MILES SW OF REDWOOD FALLS
S001-783	CANNON R AT HULET AVE BRG IN FARIBAULT
S001-784	CANNON R, BRG AT 9TH ST N IN CITY OF CANNON FALLS
S001-785	PRAIRIE CK AT 310TH ST, 4 MI W OF CANNON FALLS
S001-786	CHUB CK, OLD STONE BRG COOPER AVE, 1 MI W US-56 AT RANDOLPH
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-076	RED LK R ON FIRST ST BRG IN THIEF RIVER FALLS
S002-077	RED LK R ON CSAH-24 BRG, 7 MI SO OF GOODRIDGE
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-427	MAPLE R AT CSAH 35 5.2 MI S OF MANKATO, MN
S002-431	RICE CK AT CR-151 .9 MI SE OF STERLING CENTER, MN
S002-465	CANNON R AT CSAH-12, 3.2 MI NW OF WATERVILLE, MN
S002-556	LITTLE FORK R. AT MN-217 AT LITTLE FORK, MN
S002-708	BUFFALO R AT CR 94, 5.5 MI W OF AVERILL
S002-856	BIG FORK AT STURGEON LNDG, 5 MI W OF BIG FALLS
S003-154	BUFFALO R FOOT BRIDGE IN CITY PARK ON E EDGE OF HAWLEY
S003-289	GETCHEL CK AT CSAH 176, 3.1 M SE OF NEW MUNICH, MN
S003-446	COBB R AT CSAH-16, 4.4 MI NE OF GOOD THUNDER, MN
S003-487	CANNON R AT CSAH 16 BRG IN MORRISTOWN
S003-575	CANNON R AT L SAKATAH OTLT SPILLWAY, 2.5 MI NW OF MORRISTOWN
S004-825	ROOT R, NB AT UNN RD (LOST LOOP), 2 MI SE OF CHATFIELD
S004-827	BEAR CREEK AT UNN RD (NATURE RD), 3 MI N OF WYKOFF
S004-829	ROOT RIVER, SB AT ELMWOOD ST W IN LANESBORO

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project ROBERDS Roberd's Lake Assessment
Start Date 07/01/2006 **Planned Duration** 2 years

Purpose Condition

Obtain Plan Citation for Plan:

Beth Kallestad
Cannon River Watershed Partnership
8997 Eaves Avenue
Northfield, MN 55057
507-646-8400
beth@crwp.net

Assigned Stations

Station ID	Station Name
66-0018	ROBERDS
S004-546	UNN STRM (ROBERDS LK INLET), .5 MI W OF ROBERDS LK BLVD
S004-547	UNN STRM (ROBERDS LK INLET/MISGEN'S BAY) AT ROBERDS LK TR
S004-548	UNN STRM (INLET TO ROBERDS LK) AT 185TH ST (CSAH-37)

Project ROCK Rock County Surface Water Project

Start Date 04/01/2007 **Planned Duration** Ongoing

Purpose Implementation project with monitoring to document results.

Study Area Statewide

Project Design Field Procedure Information:
Samples will be collected using procedures outlined in the QAPP. Field meters will be calibrated before each use and documented in a Microsoft Excel spreadsheet.

Sample Collection Method(s) and Gear(s):
Samples will be collected using the grab method with a pail.

Field Measurements - Methods and Instrumentation: pH, temperature, DO, Transparency, recreational suitability, stream condition and appearance

Lab(s):
MVTI, New Ulm, Contact Name: Todd Reiger
Luverne Water Department, Luverne, Contact Name: Al Lais

Obtain Plan Arlyn Gehrke
Rock County Land Management Office
311 W. Gaberialson Road
Luverne, MN 56156
phone: 507-283-8862 Ext. 3
arlyn.gehrke@co.rock.mn.us

Assigned Stations

Station ID	Station Name
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUVERNE
S000-147	ROCK RIVER CSAH-7 E OF HARDWICK
S000-687	ROCK R AT CSAH-1 7 MI S OF LUVERNE
S004-390	ROCK R AT CSAH-8 BRG, 3 MI N OF LUVERNE
S004-391	MUD CK ON 21ST STREET BRG, .5 MI S OF HILLS

Project Summary

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Project ROOTRWM Root River Watershed Monitoring

Start Date 05/01/2008 **Planned Duration** Ongoing

Purpose Condition. Water chemistry sampling will take place at 15 locations throughout the Root River Watershed to coincide to biological monitoring at 98 additional sites.

Project Design Sample Collection Methods: Grab sample with bucket.

Field Measurements: pH, temp, DO and conductivity with Hach meter, transparency with T-tube.

Laboratory Information: MDH

Obtain Plan Citation for Plan:

Michael Koschak
MPCA
520 Lafayette Road
St. Paul, MN 55155
michael.koschak@pca.state.mn.us
651.297.8659

Assigned Stations

Station ID	Station Name
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-769	SPRING VALLEY C-RD IN S19SEQ 3 MI NE OF SPRING V
S001-689	RUSH CK AT CSAH 27 IN RUSHFORD
S003-388	WATSON CK AT CSAH 17, 3 MI NE OF PRESTON
S003-400	WILLOW CK AT CSAH 12 BRG, 1 MI SW OF PRESTON
S004-388	BELLE CK AT CSAH-8 BRG, 6.5 MI W OF GOODHUE
S004-821	ROOT R, MB AT CSAH-7, 3 MI S OF CHATFIELD
S004-822	TROUT RUN CK AT CSAH-43, 5.5 MI NE OF CHATFIELD
S004-823	THOMPSON CK AT BUTTERFIELD VALLEY RD IN HOKAH
S004-824	MONEY CK AT MN-76, 3 MI NW OF HOUSTON
S004-825	ROOT R, NB AT UNN RD (LOST LOOP), 2 MI SE OF CHATFIELD
S004-826	DEER CK AT CSAH-8, 3 MI NW OF WYKOFF
S004-827	BEAR CREEK AT UNN RD (NATURE RD), 3 MI N OF WYKOFF
S004-828	MILL CK AT MN-30 IN CHATFIELD
S004-829	ROOT RIVER, SB AT ELMWOOD ST W IN LANESBORO
S004-830	ROOT R, SF AT SWEDE BOTTOM RD, 1 MI E OF HOUSTON
S004-948	WILLOW CK AT CSAH-15, 2.5 MI S OF PRESTON

Project ROSEAU Roseau SWCD River Monitoring

Start Date 04/28/2003 **Planned Duration** 10 years

Purpose Project includes surface water monitoring for at least 10 years to develop a baseline for Roseau County.

Study Area Hay Ck, CR-12;
Pine Ck, CR-118;
Roseau R, CSAH-4;
Roseau R, CR-113;
Roseau R, CR-53;

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Study Area So. Fk Roseau R, CR-128;
So. Fk Roseau R, CSAH-18;
W Br Warroad R, CSAH-5;
W Br Warroad R, CSAH-12;
E Br Warroad R, CSAH-12;
E Br Warroad R, in Beltrami Island State Forest;
Sprague Ck, 1/2 mile from US/Canada Border;
Willow Ck, junction CSAH-12 and CR-141.

Project Design Sample Collection Method(s) and Gear(s): Grab by Kemmerer or telescoping rod with bottle.

Field Measurements - Methods and Instrumentation: water, temp, pH, spec. conductivity and DO with YSI Sonde. Turbidity with the Hach Pocket Turbidimeter. NO3, Fecal coliform bacteria and total phosphorus with RMB Environmental Laboratories.

Turbidimeter Make and Model: Hach Pocket Turbidimeter 00800003195
Sonde ID: 600QS-O-O/650 MDS

Laboratory Name:
RMB Environmental Laboratories
22796 County Road 6
Detroit Lakes, MN 56501
Contact Name: Robert Borash
Phone: 218-846-1465

Obtain Plan Janine Lovold
Roseau SWCD
502 7th St SW, Ste 8
Roseau, MN 56751
218.463.1903
janine.lovold@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
S000-115	ROSEAU RIVER CR-53 AT CARIBOU
S004-135	HAY CK AT CSAH-12, 10 MI SE OF ROSEAU
S004-288	ROSEAU R AT CSAH-4 BRG (BY HAYES LK SP), 16 MI SE OF ROSEAU
S004-289	W BR WARROAD R AT CSAH-12, 6 MI SW OF WARROAD
S004-290	W BR WARROAD R ON CSAH-5 BRG IN BELTRAMI ISLAND STATE FOREST
S004-291	PINE CK ON CR-118, 11 MI NW OF ROSEAU
S004-292	SO FK ROSEAU R ON CSAH-18 AT CASPERSON
S004-293	WILLOW CK ON CSAH-12, 10 MI E OF WARROAD
S004-294	SO FK ROSEAU R ON CR-128, 1 1/3 MI NE OF WANNASKA
S004-295	E BR WARROAD R ON CSAH-12, 5 1/4 MI S OF WARROAD
S004-296	E BR WARROAD R AT ROOSEVELT FOREST RD IN BELTRAMI ISLAND SF
S004-297	ROSEAU R AT TRANGSRUD BRG ON CR-113, 15 MI NW OF ROSEAU
S004-298	SPRAGUE CK 410TH AVE 1/2 MI US/CANADA BDR 11 MI NE ROSEAU

Project RRWMB-S Red River Basin Strm Monit & Assmt (Surface Wtr Assmt Grant)

Start Date 04/07/2008 **Planned Duration** 2 years

Project Summary

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Purpose Condition monitoring.

Study Area Red River Basin

Project Design Lab: RMB Environmental Labs, Detroit Lakes

Sample Collection Method(s) and Gear(s): Grab with VanDorn.
Field Measurements: pH, Spec. Cond. temp, dissolved oxygen with YSI sonde; transparency with t-tube.
Turbidimeter Make and Model: YSI 6820 or Hach 2100P
Gage Type: TD or SG or USGS
Probe Make and Model: YSI 6820 or YSI 600qs

Obtain Plan Wayne Goeken
Red River Watershed Management Board
40048 160th Ave SE
Erskine, MN 56535
(218) 574-2622
wrg@gvtel.com

MPCA Project Manager:
Johanna Schussler
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-282-6411
johanna.schussler@pca.state.mn.us

Assigned Stations

Station ID	Station Name
06-0138	EAST TOQUA
06-0139	LANNON
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-553	BOIS DE SIOUX R ON CSAH-6 5.1 MI SW OF DORAN
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S000-680	MUSTINKA R AT BR CO RD 76 0.5 MI W OF WHEATON
S000-700	MIDDLE R AT CSAH-4 AT ARGYLE
S000-706	SAND HILL R AT RD BTN S20/29 0.5 MI W OF FERTILE
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-098	RED LK R AT CSAH-220, 3.5 MI SE OF EAST GRAND FORKS
S002-099	SAND HILL R AT US-75 ON NORTH END OF CLIMAX
S002-100	TAMARAC R AT CSAH-220, 11 MI W OF STEPHEN
S002-102	WILD RICE R AT CR-25, .8 MI E OF HENDRUM
S002-109	DALEN COULEE AT CR-39, 3.3 MI E OF PERLEY
S002-111	WHISKY CK AT CR-25, 2 MI E OF BARNESVILLE
S002-112	WHISKY CK AT CR-21, 6 MI WNW OF BARNESVILLE
S002-125	BUFFALO R AT CR-108, 2 MI SE OF GEORGETOWN
S002-126	GRAND MARAIS CK AT CR-64, 9 MI N OF EAST GRAND FORKS

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Station ID	Station Name
S002-127	MARSH R AT CR-113, 1 MI SE OF SHELLY
S002-359	JOE R AT CSAH-16, 5 MI NE OF ST. VINCENT
S002-365	TWO RIVERS, S BR AT US-59 AT LAKE BRONSON
S002-368	TWO RIVERS, N BR AT CSAH-6, JUST W OF LANCASTER
S002-370	TWO RIVERS, N BR, AT US-75 AT NORTHCOTE
S002-969	BLACK DUCK R AT CSAH-23, 8.8 MI E OF REDBY
S002-989	MIDDLE R AT CSAH-39, 11 MI W OF NEWFOLDEN
S003-100	TWO RIVERS M BR AT TOWNSHIP ROAD, 3 MI SE OF HALLOCK
S003-101	SNAKE R AT CSAH-34, 3 MI NE OF WARREN
S003-112	TWELVE MILE CREEK E BR AT CSAH-18, 9 MI SE OF DUMONT
S003-113	TWELVE MILE CREEK W FK AT CR-62, 5 MI SE OF DUMONT
S003-117	TWELVE MILE CREEK W BR AT KING AVE, 1.7 MI W OF GRACEVILLE
S003-118	FIVE MILE CK ON MN-27, 5.7 MI W OF HERMAN
S003-120	UNN TRIB TO THE RABBIT R AT MN-9, 1.5 MI NO. OF CAMPBELL
S003-124	TWELVE MILE CK ON CSAH-14, 7.5 MI NE OF WHEATON
S003-130	SANDHILL R AT MN-9, .5 MI SO OF BELTRAMI
S003-138	SAND HILL R AT 200TH ST SE, 6 MI SW OF FOSSTON
S003-141	SAND HILL R AT CSAH-10, 9 MI SE OF FERTILE
S003-145	BUFFALO R SB AT CSAH-11, 9 MI SW OF BARNESVILLE
S003-146	BUFFALO R ON MN-9, 3 1/2 MI E OF GLYNDON
S003-151	DEER HORN CK AT CR-211, 8 MI SW OF BARNESVILLE
S003-152	BUFFALO R AT CSAH-31, 1.4 MI S OF US-10, 1.7 MI S OF HAWLEY
S003-155	BUFFALO R ON TOWNSHIP ROAD, 5 MI NE HAWLEY
S003-157	COON CK AT CSAH-28, 4 MI W OF TWIN VALLEY
S003-159	MASHAUG CK FOOT BRG AT HEIBERG PARK, 1 MI NO OF TWIN VALLEY
S003-160	UNN CK (AKA MOCCASIN CK) AT CSAH-37, 8.5 MI SE TWIN VALLEY
S003-162	WHITE EARTH R AT CR-25, 2.3 MI SE OF MAHNOMEN
S003-163	WILD RICE R ON MN-200, 1.2 MI NE OF MAHNOMEN
S003-164	WILD RICE R SB AT CR-193, 7.75 MI SW OF ADA
S003-279	CD # 13-LATERAL, 1/2 MI W OF CR-176, 13.1 MI SSW BARNSEVILLE
S003-280	CD #13 ON MN-9, 12.4 MI SSW OF BARNESVILLE
S003-312	STONY CK AT UNN GRAVEL RD, 6.25 MI NW OF BARNESVILLE
S003-316	HAY CK AT UNN GRAVEL RD CROSSING, 7 MI NW OF BARNESVILLE
S003-691	MIDDLE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S003-692	SNAKE R ON CSAH-17 BRG, 12 MI W OF ARGYLE
S004-131	CD #2 AT CR-62, 7 MI NE OF EAST GRAND FORKS
S004-142	SNAKE R AT MN-1 CROSSING IN ALVARADO
S004-152	SNAKE R AT CSAH-14, 5 MI NW OF VIKING
S004-174	FELTON CK (CD-19) AT CSAH-27, 9.8 MI SW OF ULEN
S004-175	UNN TRIB AT 180TH AVE NO., 3.8 MI NW OF ULEN

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Station ID	Station Name
S004-176	RABBIT R AT CR-152, 3.1 MI SE OF CAMPBELL
S004-177	CD-9 AT UNN RD, 3 MI NE OF CAMPBELL
S004-180	CD-12 AT UNN ST CROSSING, 1.1 MI E OF N EDGE OF CLIMAX
S004-181	CD-12 AT 285TH AVE SW CROSSING, .5 MI E OF N EDGE OF CLIMAX
S004-182	CD-46 AT 240TH ST SW CROSSING, 3 MI SE OF CLIMAX
S004-183	CD-6 AT 240TH STREET SW CROSSING, 2 MI E OF N EDGE OF CLIMAX
S004-184	CD-6 AT 250TH ST SW CROSSING, 1.3 MI E OF CLIMAX
S004-185	CD-73 AT 240TH ST SW CROSSING, 4.8 MI SE OF CLIMAX
S004-187	KITTLESON CK AT 330TH AVE SW CROSSING, 5.6 MI W OF FERTILE
S004-188	SAND HILL R AT 340TH AVE SW, 5.6 MI ESE OF BELTRAMI
S004-189	TWELVE MILE CK E FK ON CR-62/CSAH-8, 8.2 MI SE OF DUMONT
S004-190	TWELVE MILE CK ON CR-62/CSAH-8, 9.7 MI SE OF DUMONT
S004-191	HAY CK AT CSAH-37, 6.1 MI ENE OF HAWLEY
S004-193	SPRING CK (AKA SD-68) ON CSAH-19, 7.6 MI E OF HALSTAD
S004-194	TWELVE MI CK ON CR-72, 7.1 MI ESE OF WHEATON
S004-195	TWELVE MILE CK W BR ON CR-72, 6.8 MI ESE OF WHEATON
S004-196	EIGHTEEN MILE CK AT MN-27, 1.2 MI E OF WHEATON
S004-197	TWELVE MILE CK AT MN-27, 5.8 MI E OF WHEATON
S004-648	SAND HILL R AT 110TH ST SW (CR-213), 3 MI SE OF BELTRAMI
S004-818	CYR CK AT CR-110, 4 MI SW OF RED LAKE FALLS
S004-831	BLACKDUCK R AT THE DEER TRAIL RD XING, 7 MI NW OF BLACKDUCK
S004-832	DARRIGAN'S CK AT CSAH-23 XING, 9 1/3 MI NW OF BLACKDUCK
S004-833	O'BRIENS CK AT THE HARVEST RD NE XING, 8 1/2 MI NW BLACKDUCK
S004-834	CORMORANT R AT CSAH-37 XING, 8 MI NO OF BLACKDUCK
S004-835	KRIPPLE CK AT 80TH ST SW XING, NEAR TOWN OF GENTILLY
S004-837	LOWER BADGER CK AT CR-114 XING, 3 MI SE OF RED LK FALLS
S004-864	WILD RICE R AT MN-9, 4 1/2 MI SW OF ADA
S004-865	CD #37 AT CSAH-6, 4 MI E OF DUMONT
S004-866	CD #8 AT CR-70, 3.5 MI NE OF DUMONT
S004-875	JD #16 AT COUNTY STATE AID HIGHWAY 23, 6.5 MI SW OF KENNEDY
S004-876	UNN STR (TRIB TO RED RIVER) AT UNN RD, 1.5 MI SW OF MATTSON

Project RTURB-L Root River Turbidity TMDL Project

Start Date 03/01/2008 **Planned Duration** 3.5 years

Purpose Sample Collection Methods: Grab samples will be with weighted bucket

Field Measurements: Continual turbidity sensors and stage monitoring devices at most locations; transparency will be done with T-tube

Laboratory Name: MDH

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Study Area Citation for Plan:

Kevin Kuehner
Fillmore County SWCD
900 Washington Street NW
Preston, MN 55965
507.765.4415
kevin.kuehner@mn.nacdn.net

Assigned Stations

Station ID	Station Name
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S001-318	S BR ROOT R AT BR, 1 MI N OF ETNA
S001-320	S BR ROOT R AT CR-118 IN FORESTVILLE ST PK
S001-322	FORESTVILLE CK, FORESTVILLE ST PK
S001-340	JD-1 AT CSAH-3 BR, 4 MI SE OF GRAND MEADOW, MN
S001-539	S BR ROOT R AT GRVL RD BR 1 MI W OF CSAH14 5 MI SE GR MEADOW
S004-822	TROUT RUN CK AT CSAH-43, 5.5 MI NE OF CHATFIELD
S004-839	ROOT R, SB AT CSAH-12 IN CARIMONA
S004-840	ROOT R, SB AT END OF COFFEE ST W IN LANESBORO
S004-841	ROOT R, NB AT CSAH-2, 1 MI W OF CHATFIELD
S004-842	ROOT R, MB AT CSAH-21, 3 MI S OF PILOT MOUND
S004-850	MONEY CK AT TWSP RD 275 (CR-26), 2 MI NW OF HOUSTON
S004-851	ROOT R, SF AT CSAH-23 IN AMHERST
S004-857	ROOT R AT EAGLE BLUFF LEARNING CENTER, 3 MI NW OF LANESBORO
S004-858	ROOT R AT CSAH-25, JUST S OF MOUND PRAIRIE
S004-860	ROOT R, SF AT MN-16, 1.5 MI E OF HOUSTON
S004-919	ROOT R, NB AT WALKING BRG IN PARK, N SIDE OF STEWARTVILLE

Project RUM-S Rum River Monitoring Project

Start Date 03/20/2008 **Planned Duration** 2 Years

Purpose The purpose of the Rum River Monitoring Project is to:
1. Gather baseline water quality data through a systematic water quality assessment of the Rum River in Mille Lacs and Isanti Counties.
2. Build the capacity and awareness of organizations, agencies and citizens of trends and issues impacting the Rum River Watershed.

The primary purpose of the project is to gather baseline water quality data and define the "ambient water quality condition" of the Rum River Watershed in Mille Lacs and Isanti County. Sixteen physical and chemical water quality parameters (Color, Alkalinity, Total Phosphorus, TSS, Turbidity Tube, Chloride, NOx, Ammonia, TKN, pH, Sulfate, Conductivity, DO, chl-a, E. Coli, and Temperature) will be collected over a two year period at five sites. The sites were selected to fill in the gaps of existing knowledge to provide a comprehensive evaluation of the watershed. Data from the project will be entered into the STORET website and be available to various county departments, agencies, organizations and individuals for use. The water quality plans in both Isanti and Mille Lacs counties have identified assessment as a need in order to 1) provide information essential to protecting, maintaining and/or restoring the integrity and use of the water resource, 2) evaluate the success of current policies and programs; and 3) identify emerging problems.

The second goal is to build the capacity of agencies, organizations, and individuals to

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Purpose effectively address water quality issues and concerns in the watershed. As an initial step, a committee of county water planners in Isanti and Mille Lacs Counties, the county SWCD's, the DNR, Onanegozie RC&D and the Friends of the Rum River was formed to look at the Rum River Wataershed at a regional level and to identify common concerns and potential projects. In addition the project is supported by the PICKM Watar Quality Team, Minnesota Water, and the East Central Forest Landscape Committee. In the future, together organizations such as the Mille Lacs Band of Objive will be invited to participate in the discussion. The project will include increasing public knowledge about the Rum River and involving citizen volunteers., During the spping of 2008, area schools, the Cambridge Community College, and other groups will be contacted and invited to participate as volunteers.

Study Area Rum River - South Fork

Project Design Laboratory Information: ERA Lab

Field Procedure Information:
 Sample Collection Method and Gear - Grab samples from bridge, YSI 556 Multi Probe.
 Field Measurements Methods and Instrumentation - YSI Multi Probe (pH, temperature, spec, conductivity, DO, transparency with t-tube, lab analysis-color, alkalinity, total phosphorous, TSS, Chloride, NOx, Ammonia, TKN, sulfate, chloro-a, E. Coli.

Turbidimeter Make and Model:
 Gage Type - Multi Probe System
 Probe Make and Model - YSI 556

Obtain Plan Onanegozie RC&D
 Dana Raines
 2008 Mahogany St. Suite 3
 320-679-4604
 dana.raines@mn.usda.gov

Assigned Stations

Station ID	Station Name
S000-045	RUM RIVER CSAH-4 E. OF PEASE
S004-978	BRADBURY BR AT BR ON US-169, 5 MI S OF ONAMIA, MN
S004-979	RUM R AT BR ON MN-95, 4.75 MI W OF CAMBRIDGE, MN
S004-980	STANCHFIELD CR AT BR ON 357TH AV, 4.8 MI NW OF CAMBRIDGE, MN
S004-981	BOGUS BR AT BR ON 90TH ST, 4.8 MI E SE OF PEASE, MN
S005-326	RUM R AT 2ND AVE SW AT W PARK IN CAMBRIDGE, MN
S005-327	RUM R AT CSAH-14, 3 MI NW OF CAMBRIDGE, MN

Project RUSHLK Rush Lake Watershed Enhancement Project

Start Date 12/01/1999 **Planned Duration** 3 years
Purpose Condition

Project Design Lab Information:
 Intertec: 2000-2001
 AW Research Lab: 1999

Obtain Plan Citation for Plan:
 Jerry Spetzman
 Chisago County Department of Environmental Services and Zoning
 313 N. Main Street

Project Summary

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Obtain Plan Room 243
Center City, MN 55012
651-213-8383
jpspetz@co.chisago.mn.us

Assigned Stations

Station ID	Station Name
13-0069-01	RUSH (EAST BAY)
13-0069-02	RUSH (WEST BAY)

Project RWMWD Ramsey-Washington Metro Watershed District

Start Date 12/06/1989 **Planned Duration** Long-term

Purpose RWMWD monitors the water quality condition and nutrient loading of Tanners, Battle Creek and Carver Lakes.

Precursed by "LEGTAN."

Study Area Tanners, Battle Creek and Carver Lakes, with five sites on these lakes (two each on Carver and Tanners).

Project Design Samples were analyzed by Ramsey County Laboratory. The period of investigation for which data was provided is May 2002 to October 2002.

Obtain Plan The principal investigator for the project is:

Rob Langer
Ramsey Metro WD
1902 East County Road B
Maplewood, MN 55109
651-704-2089
rob@rwmwd.org

Assigned Stations

Station ID	Station Name
82-0091	BATTLE CREEK
82-0115	TANNERS
82-0166	CARVER

Project RWRTMDL Redwood River Ammonia TMDL

Start Date 07/21/2003 **Planned Duration** 07-21-2004

Purpose PROBLEM INVESTIGATION TO DETERMINE IF AMMONIA IS MEETING STANDARD DOWNSTREAM OF THE MARSHALL WWTP AND CORN PLANT

Study Area Redwood River watershed

Assigned Stations

Station ID	Station Name
S001-201	REDWOOD R AT MN-23, 1 MILE SOUTH OF GREEN VALLEY
S001-203	REDWOOD R AT TWP RD NR CR67 .5 MI NE OF MARSHALL
S002-185	REDWOOD R AT BRIDGE ON CSAH-33, 3/4 MI NE OF MARSHALL

Project SA-HCGRV Hastings-Cottage Grove PFC Sampling

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Start Date 06/22/2007 **Planned Duration** Two months
Purpose This is an effort by Site Assessment to determine if former, alleged or confirmed dumps contain PFC contamination.

Project SA-MNC Maplewood Nature Center PFC Sampling

Start Date 09/24/2007 **Planned Duration** Two months
Purpose This is an effort by Site Assessment to determine if former, alleged or confirmed dumps contain PFC contamination.

Project SA-NEWP Newport PFC Sampling

Start Date 05/12/2007 **Planned Duration** Two months
Purpose This is an effort by Site Assessment to determine if former, alleged or confirmed dumps contain PFC contamination.

Project SALEMCK Salem Creek Bacteria Reduction 319 Project

Start Date 03/01/2002 **Planned Duration** 6-30-2005
Purpose The Salem Creek Bacteria Reduction Project is intended to achieve reductions in the bacteria levels found in Salem Creek upstream of the sampling sites. It is designed to determine obvious sources of bacteria contamination and achieve source reductions through monitoring, education, citizen involvement, and funding of economical solutions to manure runoff from feedlots, pastures and manured fields.

The project will use condition and trend monitoring to determine if education, technical assistance, and funding of bacteria-reduction efforts in the Dodge County portion of the Salem Creek watershed will lower the fecal coliform bacteria present in the stream.

The prior years of this project have involved efforts designed to: 1) gather and analyze stream samples, at primarily five sites along the stream's reach, for fecal coliform bacteria in order to determine possible trends and identify impaired sections of the stream, 2) utilize education efforts (meetings, newspaper articles, and newsletter mailings to watershed residents) to increase awareness of the fecal bacteria problem and of possible solutions, and 3) promote these solutions to watershed producers through financial and technical assistance, meetings and site visits.

Study Area S1-S4

Project Design Grab sample from bridge with weighted bucket.

Stream measurements
 1. Water temperature using a standard submersible alcohol thermometer;
 2. Transparency using a transparency tube;
 3. Stage using a weighted tape drop-down from bridge, and;
 4. Rainfall between samples using standard rain data from the Minnesota Climatological Network.

Obtain Plan "Salem Creek Bacteria Reduction Project - Final Report." July 2005.

Assigned Stations

Station ID	Station Name
S001-191	SALEM CR AT UNN CR IN S19 4 MI SW SALEM CORNERS
S003-459	SALEM CK AT 260TH AVENUE, 4.8 MI S OF KASSON, MN
S003-711	UNN TRIB TO SALEM CK AT CSAH-13, 3 MI S OF KASSON, MN
S003-712	UNN TRIB TO SALEM CK AT CSAH-6, 4.8 MI S OF KASSON, MN
S003-713	SALEM CK AT 690TH ST, 5.7 MI S OF KASSON, MINNSOTA

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Project SANDCK Sand Creek Watershed CWP

Start Date 04/01/2005 **Planned Duration** Ongoing

Purpose TMDL and Impaired Waters Resource Investigations.

Contract #A97565

Study Area Statewide

Project Design Field Procedure Information:

Sample Collection Method(s) and Gear(s): hand-collected grab samples, grab with extension arm, ISCO automated sampler.

Field Measurements - Methods and Instrumentation: pH, spec. cond., temp, turbidity, and DO with Hydrolab; transparency with t-tube, DO and temperature with DO meter.

Turbidimeter Make and Model: Hach 2100P Portable Turbidimeter, Hach LDO, Hydrolab Self Cleaning Turbidity Sensor.

Gage Type: tapedown, staff gauge, automated stage recorder.

Probe Make and Model: Hydrolab MS5, Hydrolab Quanta, Hach LDO101 Probe.

Lab: Metropolitan Wastewater Treatment Plant Water Quality Lab, St. Paul

Obtain Plan Paul Nelson
Scott Watershed Management Organization
200 4th Avenue West
Shakopee, MN 55379
952-496-8054
pnelson@co.scott.mn.us

MPCA Project Manager:
Chris Zadak
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 297-8613
chris.zadak@pca.state.mn.us

Assigned Stations

Station ID	Station Name
70-0050	McMAHON
70-0091	CEDAR
S000-753	EBR RAVEN STR AT CR-54 1.5 MI NW OF NEW PRAGUE
S000-823	SAND CREEK, US-169 AT JORDAN
S000-993	EBR RAVEN STR AT RD IN S32 1 MI W OF NEW PRAGUE
S001-366	PORTER CK 3/4 MI N OF CR-8 ON XANADU AVE IN HELENA, MN
S001-732	W BR RAVEN STR ON ST BENEDICT RD IN ST BENEDICT, MN
S001-763	SAND CK AT CSAH 8 IN HELENA
S001-764	RAVEN STR AT CR 64, 1 MI S OF HELENA
S004-516	SAND CK AT CR-145, 2.5 MI SE OF NEW PRAGUE
S004-517	UNN STR (UPSTRM OF CODY LK) AT 80TH ST W 2 1/2 MI W LONSDALE
S004-518	SAND CK AT CSAH-2, 1 3/4 MI N OF NEW PRAGUE
S004-519	PORTER CK AT JONQUIL AVE, 2 1/2 MI SW OF NEW MARKET
S004-520	UNN INLET TO CEDAR LK AT 247TH ST, 4 1/2 MI NE OF NEW PRAGUE

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Station ID	Station Name
S004-521	UNN STR (TRIB TO SAND CK) AT CSAH-2, 2 1/4 MI NE NEW PRAGUE
S004-522	UNN STR (TO LOUISVILLE SWAMP) AT FRONTAGE RD, 3 MI SE CARVER
S004-523	SAND CK (JABS DIKE) W/IN LOUISVILLE SWAMP, 1.5 MI SE CARVER
S004-524	SAND CK 173RD ST W (B4 LOUISVILLE SWAMP), 2 1/2 MI N JORDAN
S004-589	PORTER CK AT CR-64/NEWPORT AVE, 7 MI NE OF NEW PRAGUE, MN
S004-617	W BR RAVEN STR AT CHURCH AVE, 5 MI NW OF NEW PRAGUE
S004-618	CD #10 AT CHURCH AVE, 5 1/4 MI NW OF NEW PRAGUE
S004-897	UNN STR TO UNN CK (LOUISVILLE SWAMP) W 170TH 5 MI S SHAKOPEE
S004-898	SAND CK AT MN-282 CROSSING IN JORDAN
S004-899	SAND CK AT CSAH-15 CROSSING, 5 MI SE OF JORDAN
S004-900	PORTER CK AT CSAH-2 CROSSING, 7 MI E OF NEW PRAGUE
S004-901	UNN STR TO LOUISVILLE SWAMP AT CR-79, 5 MI SO. SHAKOPEE
S004-902	CD30 (CD54) DWNSTRM LAKE PEPIN ON CR-144, 3 MI NE MONTGOMERY
S004-903	UNN STR (UPSTRM OF LAKE PEPIN) ON CR-142, 1 MI N MONTGOMERY
S004-904	UNN STR TO LOUISVILLE SWAMP AT CSAH-15, 5 MI SO. OF SHAKOPEE
S004-905	PORTER CK AT CSAH-86 CROSSING, 3 MI SW OF NEW MARKET
S004-906	UNN STR (DWNSTRM OF PHELPS LK) AT CR-137, 3 MI NE MONTGOMERY
S004-907	UNN STR TO PORTER CK AT CSAH-86 CROSSING, 3 MI SW NEW MARKET
S004-908	UNN OTLT FROM RICE LK UPST OF CR-142, 3 MI NE MONTGOMERY
S004-909	SAND CK AT MN-19 CROSSING, 1 1/2 MI E OF NEW PRAGUE
S004-910	SAND CK AT MN-21 CROSSING IN JORDAN
S004-911	SAND CK AT CSAH-28 CROSSING, 3 1/2 MI NO. OF MONTGOMERY
S004-912	SAND CK AT SYNDICATE DR CROSSING, 1/2 MI NO. OF JORDAN
S004-913	UNN STR TO SAND CK AT MN-19 CROSSING, 6 MI SW OF NEW MARKET
S004-914	PORTER CK AT XEON AVE CROSSING, 6 MI SE OF JORDAN
S004-915	UNN STR TO LOUISVILLE SWAMP AT ZUMBRO AVE, 5 MI S SHAKOPEE
S004-916	UNN STR TO LOUISVILLE SWAMP, W OF US-169, 4 MI S OF SHAKOPEE
S005-441	RAVEN STR W BR, AT CR-121 (211TH AVE), 5 MI W OF NEW PRAGUE
S005-442	UNN STR TO SAND CK AT CREEK LANE CROSSING IN JORDAN

Project SANDLK

Sand Lake Watershed Project

Project Summary

March 03, 2009 12:28:21

MNPCA1

Minnesota Pollution Control Agency

Start Date 05/01/1993 **Planned Duration** Long-term
Purpose Continuing condition monitoring of lakes in Sand Lake Watershed. Effectiveness of future buffer strips.
 Project Est. in Storet 8-9-2004
 Associated with the REDBUFF Program in STORET.

Study Area Statewide

Assigned Stations

Station ID	Station Name
03-0618	SAND (YORT)
03-0619	LEE (TALAC)
03-0625	SORENSEN
03-0659	SAND (STUMP)
03-0660-01	AXBERG (MAIN BASIN)
03-0660-02	AXBERG (WEST BASIN)
S003-252	UN INLT #1 TO SAND LK, 1.6 MI SO US-10, 3.75 MI SW LAKE PARK
S003-253	UN INLT #2 TO SAND LAKE, 1.25 MI SO US-10, 4 MI SW LAKE PARK
S003-254	UNN INLET #3 TO SAND LK, 1.5 MI SO US-10, 4 MI SW LAKE PARK
S003-255	UNN INLET #1 TO SORENSON LK, 1.4 MI S US-10, 3 MI SW LAKE PK
S003-256	UNN INLET #2 TO SORENSON LK, 1 MI S US-10, 2.7 MI SW LAKE PK
S003-257	UN INLET#3 TO SORENSON LK, 1.5 MI S US-10, 2.9 MI SW LAKE PK
S003-258	UNN INLET #1 TO LEE LK, 1.5 MI S US-10, 3.5 MI SW LAKE PARK
S003-259	UN OTLT#1 FROM YORT LK, .20 MI S US-10, 2.95 MI SW LAKE PARK
S003-260	UN INLET#1 TO AXBERG LK, 2.3 MI S US-10, 4.5 MI SW LAKE PARK
S003-261	UN INLET#4 TO SAND LK, 3/4 MI S US-10, 4.5 MI SW LAKE PARK
S003-262	UN OUTLT 105 FROM AXBERG LK, 2 MI S US-10, 4.8 MI SW LAKE PK
S003-263	UN OUTLT #1 FROM AXBERG LK, 2 MI S US-10, 4.8 MI SW LAKE PK
S003-264	UN OUTLT #2 FROM AXBERG LK, 2 MI S US-10, 4.8 MI SW LAKE PK
S003-265	UN OUTLT #1 FROM SAND LK, .85 MI S US-10, 3.5 MI SW LAKE PK
S003-266	UNN OUTLET COMBO SITE 1 FROM AXBERG LK, 4.6 MI SW LAKE PARK
S003-267	UNN OUTLET COMBO SITE 2 FROM AXBERG LK, 4.6 MI SW LAKE PARK

Project SAUKR Sauk Intensive Water Chemistry Monitoring

Start Date 05/03/2008 **Planned Duration** Long Term

Purpose Condition. Water chemistry sampling will take place at 9 locations throughout the Sauk River watershed to coincide to biological monitoring at 49 additional sites.

Project Summary

March 03, 2009 12:28:21

MNPCA1

Minnesota Pollution Control Agency

Study Area Sauk River Watershed

Project Design Laboratory Information:

DHIA Lab, 825 12th Street South, Sauk Centre, MN 56378 and MDH Lab.

Field Procedure Information:

Sample Collection Method and Gear - Grab sample.
Field Measurements / Methods and Instrumentation - pH, temp, DO, conductivity with Hach meter and Hydrolab, transparency with T-tube.

Obtain Plan Local Project Manager:

Erin Andrews
MPCA

Assigned Stations

Station ID	Station Name
S000-284	SAUK R. CSAH-31 S OF NEW MUNICH
S000-369	ADLEY CREEK AT CO. RD. 168 NEAR MELROSE
S000-444	MILL CK AT MN-23 IN ROCKVILLE
S000-503	SAUK R AT CSAH-4 IN ST CLOUD
S000-917	KOLLING CREEK AT CSAH-43 WEST OF RICHMOND
S000-919	JEWITTS CK AT RD BTN S23/26 3 MI N OF LITCHFIELD
S000-920	JEWITTS CK RD BTN S25/30, 2.5 MI N OF LITCHFIELD
S000-921	JEWITTS CK S END DTCH BTN S36/31 N OF LITCHFIELD
S000-922	JEWITTS CREEK AT MN-24, 0.5 MILE N OF LITCHFIELD
S000-923	JEWITTS CR AT CSAH-42/ARMSTRONG AV AT LITCHFIELD
S000-924	LOST R AT RD BTN S34/35 1.5 MI N OF GONVICK
S000-925	LOST R AT ROAD BETWEEN S2/3 0.5 MI N OF GONVICK
S000-926	LOST R AT T149N/R38W/S3/SEQ/SEQ AT GONVICK
S000-927	LOST R AT RD IN T149N/R38W/S10/NWQ/SWQ, GONVICK
S000-928	OUTLET CK DIRECTLY ABOVE STARBUCK WWTP DISCHARGE
S000-929	RICEFORD CK AT RD IN S19 2.5 MI NE OF MABEL
S000-930	RICEFORD CK IN T101N/R7W/S30/NWQ 2 MI E OF MABEL
S000-931	RICEFORD CK NEXT TO MN-44 1.5 MI E OF MABEL
S000-932	RICEFORD CK AT CSAH-29 1 MI E OF MABEL
S000-933	RICEFORD CK AT MN-44 AT MABEL
S000-934	SAUK RIVER AT CSAH-10 NE OF ST.MARTIN
S000-935	SWAN R AT CSAH-21 4 MI S OF BOVEY
S003-289	GETCHEL CK AT CSAH 176, 3.1 M SE OF NEW MUNICH, MN
S003-888	SAUK R AT UNN ST, 1.1 MI S OF LITTLE SAUK, MN
S004-625	ASHLEY CR AT CSAH 11, 3 MI NW OF SAUK CENTRE, MN
S004-918	UNN STR TO BROWN'S LK ON 170TH ST, 3 MI N OF EDEN VALLEY, MN

Project SBWW South Branch Whitewater Watershed Bacteria Reduction

Start Date 06/27/2007 **Planned Duration** 2 years

Purpose Longitudinal monitoring for e-coli, to reduce the amount of e-coli located in the South Branch

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Purpose of the Whitewater River

A#87968

Project Design Sample Collection Methods: Grab

Field Measurements: Transparency with Tube, Temperature, Condition

Laboratory: Minnesota Department of Health

Obtain Plan Citation for Plan:

Linda Dahl
Whitewater Watershed Project
400 Wilson St., P.O. Box 39
Lewiston, MN 55952
507-523-2171
linda.dahl@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-321	S FK WHITEWATER R AT CR-112 2 MI W OF ALTURA
S000-323	SF WHITEWATER R AT CR-119 2 MI NE OF ST CHARLES
S000-523	BLUE EARTH R AT CSAH-10 1.5 MI S OF WINNEBAGO
S001-824	S FK WHITEWTR R, 500 FT N OF US-14, 1/2 MI W OF ST. CHARLES
S001-826	S FK WHTWTR R, ST. CHARLS TNSHP RD 17, 1/2 MI N ST. CHARLES

Project SENTINEL Sentinel Lakes Monitoring Project

Start Date 04/01/2008 **Planned Duration** 4+ years

Purpose Condition monitoring of 24 lakes in partnership with DNR.

5/15/08: Project Manager changed from Steve Heiskary to Pam Anderson.

Project Design Sample Collection Methods: Integrated, kemmerer

Field Measurements: Hydrolab and/or Hach meters, temp, pH, DO, conductivity, etc...

Laboratory Name: MDH

Obtain Plan Citation for Project Plan:

Steve Heiskary
MPCA
520 Lafayette Road
St. Paul, MN 55155
steven.heiskary@pca.state.mn.us
651-296-7217

Assigned Stations

Station ID	Station Name
01-0142-01	HILL (MAIN BASIN)
01-0142-02	HILL (SOUTH ARM)
02-0004	PELTIER
06-0002	ARTICHOKE
07-0044	MADISON

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
11-0413	TEN MILE
13-0027	SOUTH CENTER
15-0010	ELK
16-0049	TROUT
16-0089	NORTHERN LIGHT
18-0386	RED SAND
21-0057	CARLOS
22-0075	RICE
29-0250	PORTAGE
34-0032	CARRIE
41-0089	SHAOKOTAN
44-0014	SOUTH TWIN
47-0049-01	BELLE
49-0140	CEDAR
69-0004	WHITE IRON
69-0254	BEAR HEAD
69-0615	ECHO
69-0810	ELEPHANT
73-0037	PEARL
81-0003	ST. OLAF
81-0083	BUFFALO
83-0043	ST. JAMES

Project	SEREGION	Southeast Regional Fecal Study 2007
	Start Date	06/01/2007
	Planned Duration	Fall 2007
	Purpose	Condition/Assessment
Project Design	Sample Collection Methods: Weighted bucket from bridge or pole from bank. Field Measurements: T-tube	
Obtain Plan	Citation for Plan: Tiffany Schauls MPCA Rochester Office 18 Wood Lake Drive SE Rochester, MN 55904 507/285-7291 tiffany.schauls@pca.state.mn.us	

Assigned Stations

Station ID	Station Name
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-095	MISSISSIPPI R LOCK & DAM #6 AT TREMPPEALEAU, WIS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S001-138	ROBINSON CR BRIDG AT DEAD END RD, NW HIGH FOREST
S001-186	PRAIRIE CR AT 310TH ST .2 MI UPSTM OF L BYLLESBY
S001-191	SALEM CR AT UNN CR IN S19 4 MI SW SALEM CORNERS
S001-343	STRAIGHT R AT CSAH-31 BR, 3.5 MI SW OF OWATONNA, MN
S004-453	WELLS CK AT FLORENCE RD, 1.5 MI SW OF FRONTENAC
S004-526	JD #1 (CRANE CK) AT US-14 BRG, 1 MI N OF MERIDEN

Project SETRT-S High-Resolution of Multiple WQ Paramtrs in SE MN Trout Strms

Start Date 03/24/2008 **Planned Duration** 06-30-2010

Purpose Collect high-resolution water quality assessment data from trout streams in Winona and Fillmore Counties.

Project Design Sample Collection Methods:

Multiparameter datalogging sonde, temperature dataloggers, pressure transducers: 5 minute sampling interval. Occasional grab samples analyzed with Hach HQ40d DO/pH/Cond meter, Hach 2100P Turbidity Meter and transparency with t-tube.

Field Measurements: DO, pH, conductivity, temperature, turbidity, transparency

Turbidimeter make and mode: Hach 2100P

Probe make and model: Hach HQ40d

Other: Hobo Pressure Transducer U20-001-04

Laboratory Information:

Assigned Stations

Station ID	Station Name
S000-267	WHITEWATER R. CSAH-30 AT BEAVER
S001-728	GILMORE CR, 1.1 MI S OF WINONA, MN
S001-821	UNN CK (MONEY CK, WB) AT CSAH-19 CLVRT, 3 1/2 MI W OF WITOKA
S002-406	WHITEWATER R, S FK, AT CSAH 37, 1.75 MI SE OF ELBA, MN
S003-806	E BURNS VALLEY CK AT CSAH 105 IN WINONA, MN
S004-240	BIG TROUT CK (PICKWICK CK) E OF CSAH-7, 1.3 MI S OF PICKWICK
S004-244	BIG TROUT CK(PICKWICK CK) UPSTM OF US-61 2 MI NE OF PICKWICK
S004-246	UNN STM TO PLEASANT VALLEY CK AT CSAH-17, 2.5 MI S OF WINONA
S004-287	COREY CK JUST OFF CSAH-17, 6.5 MI NE OF RUSHFORD
S004-659	UNN STR (COOLRIDGE CK) AT CSAH-2, 8 MI S OF LEWISTON
S004-802	SPELTZ CK AT TWP RD 22, .5 MI NW OF ROLLINGSTONE
S005-072	BEAVER CK JUST S OF TWNSHP RD 16, 5.5 MI SE OF PLAINVIEW

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S005-073	CAMP CK AT UNN RD (HUNTER RD) BRG, 2 MI SE OF PRESTON
S005-074	ETNA CK AT UNN RD, JUST S OF CR-14 AND S OF ETNA, MN
S005-075	GRIBBEN CK AT CR-23 BRG, 1.5 MI S OF WHALAN
S005-076	PINE CK W OF CR-125/CSAH-5 INTRSECTN, 1 MI N OF NEW HARTFORD
S005-077	TROUT CK JUST W OF CSAH-31, 4 MI E OF BEAVER, MN
S005-082	MILLER VALLEY CK JUST UPSTRM OF US-61, 1 MI W OF DONEHOWER
S005-083	MONEY CK AT CSAH-19, 4 MI SW OF WITOKA
S005-084	PINE CK AT CR-85, 6 MI NW OF RUSHFORD
S005-085	PINE CK, SF JUST E OF CSAH-5 IN NEW HARTFORD
S005-086	BIG TROUT CK (LK LABELLE) S OF CSAH-7 IN PICKWICK
S005-087	BIG TROUT CK (PICKWICK CK) 300 FT DWNSTRM OF CSAH-7 BRG
S005-341	WHITEWATER R, NF JUST UPSTM OF TR-29 IN FAIRWATER

Project SE_LOW Southeast Lake of the Woods (Williams Creek) TMDL Project

Start Date 04/27/2004 **Planned Duration** 01-01-2005

Purpose The purpose of the Southeast Lake of the Woods TMDL is a problem investigation, to determine the causes and sources of the loading causing the low-dissolved oxygen and high TSS and to determine locally acceptable remediation strategies.

Study Area Statewide

Project Design Sample Collection Methods and Gears: Grab samples were collected for Total Phosphorus, Nitrate-Nitrite-N, and Total Kjeldahl Nitrogen in 500-ml containers. The samples were taken at mid-depth of the water column without disturbing stream bed materials or collecting floating materials or constituents from the water surface. Samples were taken at the point that reflects the most likely point to have the total instantaneous flow at the cross section. Nutrient samples were immediately preserved with sulfuric acid. Samples collected for TSS and TSVS are collected in the same procedure as the other sample in 700-ml bottles and sulfuric acid is not added to preserve the sample. All samples are kept on ice and shipped to the lab on the same day.

Field Measurements - Methods and Instrumentation: YSI Sonde 600 QS Multi Parameter Water Quality Monitor was used to take field readings at each site. These field readings included: water temperature, dissolved oxygen, pH and conductivity. The transparency was also taken by a transparency tube. Two sample sites had stage gauges where the stage was recorded every sample day, also at the stage gauge sites there were probes collecting stage data continuously.

Lab: RMB Environmental, Detroit Lakes, MN August 10, 2005

Obtain Plan Mike Hirst
Lake of the Woods
Soil & Water Conservation District
PO Box 217
Baudette, MN 56623
218-634-1842, Ext. 3
mike.hirst@mn.nacdnet.net

MPCA Project Manager:
Jim Courneya
Minnesota Pollution Control Agency
Detroit Lakes Office

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Obtain Plan 714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-0735
jim.courneya@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-795	WILLIAMS CK AT CR-61 1 MI NE OF WILLIAMS
S000-906	WILLIAMS CK/CD 1 CSAH-12 5.5 MI NE OF WILLIAMS
S000-907	WILLIAMS CK/CD1-NW CORNER OF S4 NE OF WILLIAMS
S000-992	WILLIAMS CK/CD 1-NW CORNER OF S2 NE OF WILLIAMS
S003-695	W BR ZIPPEL CK/CD1 INTERSEC CSAH-2/CSAH-8 5.25 MI N WILLIAMS
S003-696	TOMATO CK AT INTERSEC OF CR-58/CR-92, 3.25 MI NW WILLIAMS
S003-697	WILLIAMS CK AT CSAH-2, 0.5 MI S OF WILLIAMS
S003-698	S BR ZIPPEL CK AT CSAH-12, 5 MI NE OF WILLIAMS
S003-699	W BR ZIPPEL CK/CD1 AT CR-54, 6.25 MI N OF WILLIAMS
S003-700	UNN TRIB TO W BR ZIPPEL CK/CD1 AT CR-250, 6.25 MI N WILLIAMS

Project SFCROW-L Buffalo Creek Watershed Turbidity and Pathogen TMDL

Start Date 05/19/2008 **Planned Duration** 06-30-2009

Purpose Buffalo Creek Watershed Turbidity and Pathogen TMDL

Study Area South Fork Crow

Assigned Stations

Station ID	Station Name
S000-460	BUFFALO CK AT N/S RD IN S28 0.5 MI E OF BROWNTON
S000-582	BUFFALO CK AT CSAH-1 2 MI E OF GLENCOE
S002-016	JD #15, 2 MI W OF CSAH-20, 3 1/2 MI NE OF BUFFALO LAKE
S002-017	BUFFALO CK ON CSAH-24 (NO. OF CR-56) 4 MI NE OF BUFFALO LAKE

Project SHALLOWL Ducks Unlimited MN DNR Shallow Lake Wildlife Study

Start Date 05/30/2006 **Planned Duration** ongoing

Purpose Condition monitoring

Study Area Hollerberg 76-0057
Jennie 21-0323
Kasota 34-0105
Little Kandiyohi 34-0096
Wakanda 34-0169-03

Project Design Grab samples with 2 liter bottles

Field measurements consist of temperature and secchi depth (no field turbidity).

Field data will be submitted electronically through Pam Anderson (MPCA); lab data will be submitted electronically through the lab (MN Dept. of Ag and RMB as of 5-22-06).

Obtain Plan Josh Kavanagh
Ducks Unlimited

Project Summary

March 03, 2009 12:28:21

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Minnesota Pollution Control Agency

Obtain Plan 19546 CR 5 NW
New London, MN 56273

and

Nicole Hansel-Welch
MN DNR
1601 MN Dr
Brainerd, MN 56401

Assigned Stations

Station ID	Station Name
21-0323	JENNIE
24-0028	BEAR
34-0096	LITTLE KANDIYOHI
34-0105	KASOTA
34-0169-03	WAKANDA (MAIN BASIN)
34-0208	MIDDLE
34-0266	OLSON
61-0034	SIMON
76-0057	HOLLERBERG
77-0009	TRACE
86-0112	MALARDI
86-0250	SMITH

Project SHAOKATN Lake Shaokatan TMDL (Yellow Medicine R Watershed District)

Start Date 04/01/2005 **Planned Duration** 04-01-2006

Purpose Problem investigation and condition monitoring.

Study Area Lake Shaokatan
Yellow Medicine River

Project Design Sample Collection Method(s) and Gear(s): Grab samples with bottles.
Field Measurements - Methods and Instrumentation: Gage
Lab: Stearns DHIA Labs, Inc.

8-23-2005

Obtain Plan Terry Renken
Yellow Medicine River Watershed District
122 North Jefferson Street
Minneota, MN 56264
(507) 872-6720
ymrw@centurytel.net

MPCA Project Manager:
Kelli Daberkow
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
(507) 537-6497
kelli.daberkow@pca.state.mn.us

Assigned Stations

Station ID	Station Name
41-0089	SHAOKOTAN

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S002-255	UNN INLET TO L SHOOK. AT CSAH-15, 12 MI SW IVANHOE
S002-256	UNN INLET L SHOOK. AT GRVL RD E LN SECT 29, 12 MI SW IVANHOE
S002-257	DRAIN TILE INLET LK SHOOK 200M W PICNIC PT, 7.5 MI W IVANHOE
S002-258	YELLOW MED R OUTLET L SHOOK UPST SIDE DAM, 6.5 MI SW IVANHOE
S002-259	DRAIN TILE INL L SHOOK. SWQ/S24, 7 MI SW IVANHOE
S002-260	UNN INLET L SHOOK. SWQ S32, 13 MI SW IVANHOE
S002-261	DRAIN TILE INL L SHOOK AT EIDEM FARM SEC 22, 9 MI SW IVANHOE
S002-262	W DRAIN TILE INLET L SHOOK S24 SEQ/NEQ/NWQ, 7 MI SW IVANHOE
S002-263	E DRAIN TILE INLET L SHOOK. S24 SEQ/NEQ/NWQ, 7 MI SW IVANHOE
S002-264	UN TRIB AT 36 CULV E LN S29, 11 MI. SW IVANHOE
S002-395	UNN INLET TO LK SHOOKATAN (SOUTHERN EDGE) 11 MI SW IVANHOE
S002-396	UNN INLET TO LK SHOOKATAN (SO SIDE OF LAKE) 11 MI SW IVANHOE
S003-704	DRAIN TILE INL LAKE SHOOKATAN (PICNIC PT) 6.75 MI SW IVANHOE
S003-705	E DRAIN TILE INL LK SHOOKATAN AT UNN ST, 5.75 MI SW IVANHOE
S003-936	UNN OTLT LK SHOOKATAN (DRITZ CLVT) ON CSAH-16 5.5 SW IVANHOE
S004-628	UNN INLET, OUTLET FROM WETLAND THAT DRAINS TO LAKE SHOOKATAN
S004-629	UNN INLET, DWNSTRM OF DIKE 16 THAT DRAINS TO LAKE SHOOKATAN
S004-630	UNN INLET (WETLAND INLET) TO LAKE SHOOKATAN, 7 MI SW IVANHOE
S004-631	DRAIN TILE INLET TO LAKE SHOOKATAN, 10.75 MI SW OF IVANHOE

Project	SHELLROC	Shell Rock River Watershed District Annual Monitoring Progra
	Start Date	04/01/2004
	Purpose	Annual Monitoring
	Planned Duration	Ongoing
Project Design	Sample Collection Methods and Gear: Grab, Grab with Van Dorn Bottle	
	Field Measurements - Methods and Instrumentation: Temp, DO, Cond, and pH with YSI. Transparency with transparency tube. Secchi disk. Flow gauging with Marsh-McBirney digital velocity meter.	
Obtain Plan	Citation for Plan:	
	Brett Behnke Shell Rock River Watershed District P.O. Box 1147 Albert Lea, MN 56007 507-377-5785	

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Assigned Stations

Station ID	Station Name
24-0014	ALBERT LEA
24-0018-01	FOUNTAIN (E. BAY)
24-0018-02	FOUNTAIN (W. BAY)
24-0025	PICKERAL (PICKEREL)
S000-002	ALBERT LEA LAKE AT ALBERT LEA
S004-113	SHELL ROCK R AT CSAH-13 (MAIN ST) IN GLENVILLE
S004-114	UNN CK (SCHOFF CK) AT LK CHAPEAU DR IN ALBERT LEA
S004-115	PETER LUND CK AT 800TH AVE, W OF HAYWARD
S004-116	NORTHEAST CK AT I-90 REST STOP, 4 MI NE OF ALBERT LEA
S004-117	UNN CK (MUD CK) AT CR-71, 2 MI W OF ALBERT LEA
S004-118	UNN CK (GOOSE CK) ON E SIDE OF BRG AVE IN ALBERT LEA
S004-119	SHELL ROCK R AT E MAIN ST IN ALBERT LEA, MINNESOTA
S004-120	BANCROFT CK AT PLAZA ST. IN ALBERT LEA
S004-121	UNN CK (WEDGE'S CK) W OF MN-13 NEAR ALBERT LEA

Project SHELRV-S Shell River Watershed CWLA Cooperative

Start Date 02/28/2007 **Planned Duration** 2 years

Purpose Condition. To establish new citizen stream monitoring sites and utilize current sites at key confluences of the 639 square miles Shell River Watershed. 19 sites will be monitored using MPCA CSMP parameters as well as 13 "Milestone River" monitoring parameters to establish a baseline condition. Data that is collected for the 2007 and 2008 sampling seasons from April to September will be entered into STORET. Historical data will be collected and if meets STORET standards will be entered into the STORET data base as well as archived at the Wadena SWCD. Quality assurance of the monitoring will be assured by using a certified lab, field blanks and duplicates. Training of volunteers will be completed at the beginning of each monitoring season. The Wadena SWCD will administer and manage the project as will as provide a project summary to volunteers and partners, Becker SWCD, Hubbard SWCD, Hubbard COLA and the Menahga Conservation Club.
CWLA project

Study Area Shell River / Crow

Project Design Sample Medium: Surface water grab sample.
Lab: RMB Environmental Laboratories, Inc.
Method and Gear: Grab with bucket, DO Meter with cable probe to reach water
Field Measurements - Methods and Instrumentation:
pH - Grab
NO2- Grab
NO3- Grab
NO3+NO2 - Grab
NH3 - Grab
Conductivity - Grab
Turbidity - Grab
Fecal - Grab
E. Coli - Grab
TP - Grab
Chl A - Grab
5BOD - Grab
TSS - Grab
TSVS - Grab
DO - YSI DO200 Meter
Temperature - YSI DO200 Meter
CSMP

Project Summary

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Minnesota Pollution Control Agency

Project Design Gage Type YSI Model DO200
Obtain Plan Citation: Volunteer Surface Water Monitoring Guide
Year: 2003

Assigned Stations

Station ID	Station Name
S001-690	SHELL R AT CR 109, 1.2 MI SW OF HUBBARD
S003-442	SHELL R AT CSAH-24, 7.5 MI NE OF MENAHGA, MN
S003-501	BLUEBERRY R AT 384TH ST, 3.1 MI NW OF MENAHGA, MN
S003-502	KETTLE R AT CR-156, 3.5 MI NW OF MENAHGA, MN
S003-503	SHELL R AT US-71, 3.5 MI N OF MENAHGA, MN
S003-779	FISH HOOK R 0.4 MI W OF MN-87, 1 MI NW OF HUBBARD, MN
S003-833	SHELL R AT CR-13, 6 MI SE OF HUBBARD, MN
S003-851	KETTLE R (BLUEBERRY R) AT US-71 IN MENAHGA, MN
S003-854	SHELL R AT BLUEBERRY BR RD, 2.8 MI NE OF MENAHGA, MN
S003-899	STOCKING CK AT STOCKING LK OUTLET, 2 MI NE OF MENAHGA, MN
S004-035	UNN TRIB TO STOCKING LK AT CSAH 17, 1.8 MI ENE OF MENAHGA
S004-036	UNN TRIB TO STOCKING LK, N OF CSAH 17, 0.8 MI E OF MENAHGA
S004-750	ST DTCH NO. 1 AT CSAH-8, 1.5 MI NW OF LK LILLIAN
S004-760	HAY CK AT US-71, 8.5 MI N OF PARK RAPIDS
S004-761	UNN STR (PORTAGE R) AT INLET TO FISHHOOK LK AT CSAH-18
S004-773	UNN STR (LONG LK OUTLET) AT MN-87 IN HUBBARD
S004-774	FISHHOOK R AT MN-87, 2 MI NW OF HUBBARD
S004-787	STOCKING CK AT LK OUTLT, 2.25 MI NE OF MENAHGA, MN
S004-788	STRAIGHT R AT 149TH AVE, 3.25 MI S OF PARK RAPIDS, MN
S004-789	CROW WING R AT CR-109, 10 MI S OF NEVIS, MN
S004-790	FISHHOOK R AT DAM IN PARK RAPIDS, MN
S004-793	STRAIGHT R AT CR-123, 9 MI W OF PARK RAPIDS
S004-794	SHELL R ATCSAH-47, 10 MI WSW OF PARK RAPIDS
S004-838	SHELL R ON CSAH-21, 4.5 MI NE OF MENAHGA, MN

Project SHERBN-S Sherburne County Lake Assessment Program

Start Date 04/01/2008 **Planned Duration** 06-30-2010

Purpose Condition

Study Area Sherburne County

Project Design Laboratory: MVTL

Field Procedure Information:

Sample Collection Method and Gear - Grab Sample for total phosphorus, chlorophyll-a, e. coli, total nitrogen, nitrite-nitrate, and total kjeldahl nitrogen.

Field Measurements Methods and Instrumentation: Secchi disk depth, and depth profile of pH, specific conductivity, temperature, and dissolved oxygen with sonde.

Obtain Plan Local Project Coordinator:

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Minnesota Pollution Control Agency

Obtain Plan Jen Oknich, Environmental Specialist
Sherburne County Planning and Zoning Department
13880 Highway 10
Elk River, MN 55330
763-241-2914
jennifer.oknich@co.sherburne.mn.us

Assigned Stations

Station ID	Station Name
71-0016	FREMONT
71-0022	WEST HUNTER
71-0023	EAST HUNTER
71-0040	SANDY
71-0041	CANTLIN (CAITLIN)
71-0046	DIANN
71-0055	ELK
71-0067	EAGLE
71-0096	THOMPSON
71-0123	CAMP
71-0158	PICKEREL
71-0167	UNNAMED (ROUND)

Project SHERBURN Sherburne County Lake Monitoring

Start Date 04/03/1975 **Planned Duration** Ongoing

Purpose Monitor the quality of Sherburne County lakes for baseline data and assessment by MPCA.

Study Area Sherburne County

Project Design (From URS report summary on streams)
A total of six stations were monitored as part of this project.

Obtain Plan Lakes:

Water quality data for this project was derived from field measurements performed by students at St. Cloud State University. Water quality samples were analyzed at St. Cloud State University Laboratory.

The principal investigator for the project is:
Charles Rose
Environmental and Technological Studies
Headley Hall 204
Saint Cloud State University
720 Fourth Avenue South
Saint Cloud, Minnesota 56301-4498
320-255-3129
crose@stcloudstate.edu

Streams:
Water quality data for this project was derived from field measurements performed by staff at Sherburne Soil and Water Conservation District. Water quality samples were analyzed by Environmental Protection Laboratory, Midwest Analytical Services, and Braun Intertec Corporation.

The principal investigator for the project is:

Mark Basiletti
Sherburne Water Plan Coordinator

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Minnesota Pollution Control Agency

Obtain Plan 14855 Hwy 10
Elk River, MN 55330-7606
763-241-1170 X132
Mark.Basiletti@mn.usda.gov

Assigned Stations

Station ID	Station Name
71-0055	ELK
71-0067	EAGLE
71-0069	ANN
71-0141	ELK (BIG ELK)
71-0145	JULIA
71-0146	BRIGGS
71-0147	RUSH
71-0158	PICKEREL
71-0159	LONG
71-0167	UNNAMED (ROUND)
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S001-523	RICE CK AT CSAH-16 BRG, 2.5 MI N OF CLEAR LAKE
S002-952	ST. FRANCIS R. AT CSAH 15, 5.5 MI. SW OF ZIMMERMAN, MN
S003-003	TIBBITS BROOK AT CR-35
S003-006	SNAKE R AT 185TH AVE
S003-008	ELK R AT CR-62

Project SHINGLEC Shingle Creek Chloride TMDL

Start Date 08/01/2002 **Planned Duration** Ongoing

Purpose In 2007, the project was partially funded with CWLA funds.

2008: Shingle Creek Dissolved Oxygen and Biotic TMDL with CWLA funding. Problem Investigation. LN

6/12/08: Per Barb Peichel: This project will be funded with all 319 funding - no CWLA funds. NF

Study Area SCPINE (upstream of Pineview), Twin Lake Inlet, France (inlet to Twin Lake), Xerxes (between 75th and Brookdale), 62 East (between Hwy 169 and Boone Ave), and 62 West (upstream of Pike Lake).

Project Design Lab sampling
Will use Braun for water quality analysis.

Field sampling
pH, conductivity, and temperature measured with a Geotech Multiline pH; dissolved oxygen measured by YSI; stream depth measured by wading rod.

2008: Instrumental Research, Inc. and Braun Intertec.

Sample Collection: Grab with bucket.
Field Measurements: Temp, DO, Cond, pH with YSI. Gauged flow with digital velocity meter.
Gage Type: Son Tek Flow Tracker
Probe: YSI 6820

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Obtain Plan "Single Creek Chloride TMDL Sampling Plan," authored and published by Montgomery Watson Harza Engineering Firm, 2002.

2008:
Shingle Creek Dissolved Oxygen and Biotic TMDL Field Sampling and Quality Assurance Plan
Wenck Associates, Inc.
Shingle Creek Watershed Management Commission
2007

Assigned Stations

Station ID	Station Name
S001-946	SHINGLE CR AT 45TH AVE & RR TRACK, MPLS, MN
S003-643	SHINGLE CK DWNSTRM OF I-94/694 BRIDGE IN BROOKLYN CENTER
S003-644	SHINGLE CREEK AT ZANE AVENUE IN BROOKLYN PARK
S003-645	SS PIPE DRAINS TO SHINGLE CK W BROADWAY AVE NO BROOKLYN PARK
S003-646	SHINGLE CREEK AT EAST END OF NORTHLAND CT IN BROOKLYN PARK
S003-647	BASS CK DWNSTRM 62ND AV NO, BORDER OF BROOKLYN PARK/NEW HOPE
S003-648	BASS CREEK AT PINEVIEW LANE NORTH IN PLYMOUTH
S003-649	RYAN CK (INLET TO TWIN LAKES) AT FRANCE AVE NO. ROBBINSDALE
S003-650	UNN INLET TO TWIN LAKES UPPER BASIN AT BASS LK RD IN CRYSTAL
S003-651	SHINGLE CREEK AT XERXES AVENUE NORTH IN BROOKLYN PARK
S003-652	EAGLE CK (OUTLET OF EAGLE LK) AT US HWY 169 IN BROOKLYN PARK
S003-653	UNN TRIB TO PIKE LAKE (AKA PIKE CK) 62ND PL NO., MAPLE GROVE
S005-331	SHINGLE CR AT BROOKLYN BLVD IN BROOKLYN PK, MN
S005-332	SHINGLE CR AT 69TH AVE IN BROOKLYN CTR, MN
S005-333	SHINGLE CR AT BROOKLYN BLVD IN BROOKLYN PK, MN
S005-334	BASS CR AT BOONE AVE, 1.2 MI NW OF NEW HOPE, MN
S005-335	SHINGLE CR AT QUEEN AVE IN BROOKLYN CTR, MN

Project SHROCK-S Shell Rock River Watershed District Lake Monitoring (CWLA)

Start Date 04/01/2007 **Planned Duration** 2 years

Purpose Volunteer monitoring of lakes
CWLA project

1/27/09: Wes Boll is not working on this project anymore. The Shell Rock Watershed District is managing their data internally. The data manager is Jerad Stricker.

Study Area Shell Rock River Watershed District Lakes

Project Design Lab: Minnesota Valley Testing Laboratories.
Field Procedure: DO and Temperature with YSI, Secchi disk.
Sample Collection Method and Gear: Grab samples at 0.5 meter.
Probe Make and Model: YSI 550A

Obtain Plan Brett Behnke, Administrator

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Obtain Plan Shell Rock River Watershed District
PO Box 1147
Albert Lea, MN 56007
507-377-5785

Assigned Stations

Station ID	Station Name
24-0014	ALBERT LEA
24-0018-01	FOUNTAIN (E. BAY)
24-0018-02	FOUNTAIN (W. BAY)
24-0024	WHITE (CHAPEAU)
24-0025	PICKERAL (PICKEREL)
24-0027	LOWER TWIN
24-0031	UPPER TWIN
S000-002	ALBERT LEA LAKE AT ALBERT LEA
S000-084	SHELL ROCK R BR ON CSAH-1 1 MI W OF GORDONSVILLE
S004-113	SHELL ROCK R AT CSAH-13 (MAIN ST) IN GLENVILLE
S004-114	UNN CK (SCHOFF CK) AT LK CHAPEAU DR IN ALBERT LEA
S004-115	PETER LUND CK AT 800TH AVE, W OF HAYWARD
S004-116	NORTHEAST CK AT I-90 REST STOP, 4 MI NE OF ALBERT LEA
S004-117	UNN CK (MUD CK) AT CR-71, 2 MI W OF ALBERT LEA
S004-118	UNN CK (GOOSE CK) ON E SIDE OF BRG AVE IN ALBERT LEA
S004-119	SHELL ROCK R AT E MAIN ST IN ALBERT LEA, MINNESOTA
S004-120	BANCROFT CK AT PLAZA ST. IN ALBERT LEA
S004-121	UNN CK (WEDGE'S CK) W OF MN-13 NEAR ALBERT LEA
S005-005	CD-65 AT 760TH AVE., 3 MI N OF ALBERT LEA
S005-006	JD-21 AT 270TH ST., 5 MI N OF ALBERT LEA
S005-007	CD-63 AT CSAH-20, 7.5 MI N OF ALBERT LEA
S005-008	CD-11 AT 715TH AVE., 4 MI NW OF ALBERT LEA
S005-009	CD-9 ON 700TH AVE, 1 MI E OF SUGAR LK, 2 MI SW OF MANCHESTER
S005-010	UNN STR (CD-77) AT 700TH AVE, 1 MI SE OF SUGAR LK
S005-096	CTY DTCH NO. 16 AT CSAH-5 (CSAH-24), 1.5 MI S OF GLENVILLE
S005-113	STRM SEWER, HIGH DENSITY DWNTWN DRANAGE IN ALBERT LEA

Project SILVERLK Silver Lake Assessment, Clay Co

Start Date 08/06/2008 **Planned Duration** 4 years

Purpose Condition and problem investigation. Assess the quality of Silver Lake and its watershed and determine source of nutrient loading.

Funding: Buffalo Red River Watershed District

Study Area Silver Lake Watershed
Silver Lake ID 14-0100, Site ID 101

Project Design Lab Information: RMB Environmental Lab, Detroit Lakes, MN

Field Procedure Information:

Sample collection method(s) and gear(s) - 2M integrated sampler

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Project Design Field measurements - methods and instrumentation - YSI sonde profile, Secchi Disk

Turbidimeter - YSI sonde model 6820

Obtain Plan MPCA Project Manager:
Bruce Paakh
Minnesota Pollution Control Agency
Detroit Lakes Office
714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-0747
bruce.paakh@pca.state.mn.us

Assigned Stations

Station ID	Station Name
14-0100	SILVER

Project SMBSC Southern Minnesota Biomonitoring

Start Date 01/01/2004 **Planned Duration** Longterm

Purpose Biomonitoring

Study Area Statewide

Assigned Stations

Station ID	Station Name
S001-341	SACRED HEART CK AT CSAH-15 BR, 5 MI NW OF DELHI, MN
S002-239	SACRED HEART CK AT UNN ROAD, 6.5 MI SW OF RENVILLE
S003-684	CO. DT NO. 45, 1/2 MI NO OF CSAH-15, 5.5 MI NW OF DELHI
S003-685	SACRED HEART CK, .40 MI NO OF CSAH-15, 5.5 MI NW OF DELHI

Project SNAKEWBT Snake River Watershed Biological and TMDL Monitoring

Start Date 05/01/2006 **Planned Duration** 05-01-2009

Purpose Biological assessment and TMDLs

Part of the Intensive Watershed Monitoring Program in STORET.

Study Area 33-0040, Site 207
ANN LAKE, 6 MI W OF MORA

Snake-Mouth
S000-128 SNAKE R. AT MOUTH E OF PINE CITY

MCDO-2
S001-646 MISSION CK AT CSAH-11 BRG, .2 MI NW OF PINE CITY

MCDO-6
S001-649 MISSION CK AT CSAH-61 BRG, 1.5 MI N OF BEROUN

SR-2
S001-727 SNAKE R AT CSAH 18, 2.35 MI SE OF MCGRATH, MN

PS-8
S002-542 POKEGAMA CK AT CSAH 14, 3.6 MI W OF BEROUN, MN

SR-8
S003-528 KNIFE R AT CR-77, 3 MI N OF MORA, MINNESOTA

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Study Area ARDO-3
S003-530 ANN R AT CR-12 (200TH AVE), 3.2 MI W OF MORA, MN

SR-20
S003-531 MISSION CK AT CR-53, 2.5 MI W OF PINE CITY, MINNESOTA

SR-25
S003-532 GROUNDHOUSE R AT CSAH-12 (HARBOR ST) 3.6 MI W BRUNSWICK

SR-16
S003-533 MUD CK AT CSAH-5, 1.6 MI NW OF GRASSTON, MINNESOTA

GH-MN47
S003-638 SF GROUNDHOUSE R AT MN-47, 3.6 MI S OF OGILVIE, MINNESOTA

ARDO-1
S003-782 ANN R AT CR-14, 3 MI SW OF MORA, MN

06SC122
S004-066 ANN R AT MN-23, 2 MI SW OF MORA

06SC123
S004-067 SNAKE R AT OLYMPIC ST, 3 MI E OF WOODLAND

06SC112
S004-070 SNAKE R ALONG 150TH AVE, 3 MI E OF BRUNSWICK

ARDO-4
S004-392 ANN R AT 210TH AVE BRG (CSAH-6), 3.5 MI W OF MORA

ARDO-5
S004-393 LITTLE ANN R AT 240TH AVE BRG (CSAH-26), 6.5 MI NW OF MORA

MCDO-3
S004-394 MISSION CK AT WHITE OAK RD BRG, 3 MI NW OF PINE CITY

MCDO-4
S004-395 MISSION CK AT HOMESTEAD RD, 4.5 MI NNW OF PINE CITY

MCDO-5
S004-396 MISSION CK AT CSAH-14 BRG, 5 MI N OF PINE CITY

MCDO-7
S004-397 MISSION CK AT CSAH-16 (CROSS PARK RD), 3.5 MI SE HINCKLEY

MCDO-8
S004-398 MISSION CK AT BEAR RD, 2 MI SE OF HINCKLEY

MCDO-9
S004-527 MISSION CK AT CR-133 CROSSING, 1.2 MI SE OF HINCKLEY

MCDO-130
S004-632 MISSION CK AT CR-130, 1 MI NO OF BEROUN

ARDO-7
S004-862 LITTLE ANN R AT UNNAMED RD, 12.5 MI N OF OGILVIE

MCDO-10
S005-090 SPRING POND OTLT TO MISSION CK AT CR-133, 1 MI S HINCKLEY

MCDO-11
S005-091 ROAD DITCH TRIB TO MISSION CK AT CSAH-61, 1.2 MI N BEROUN

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Obtain Plan Mike Feist (Biological Monitoring)
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 296-9210
mike.feist@pca.state.mn.us

Jeff Jasperson (TMDL Monitoring)
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
(651) 297-8483
jeffrey.jasperson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
33-0040	ANN
S000-128	SNAKE R. AT MOUTH E OF PINE CITY
S001-646	MISSION CK AT CSAH-11 BRG, .2 MI NW OF PINE CITY
S001-649	MISSION CK AT CSAH-61 BRG, 1.5 MI N OF BEROUN
S001-727	SNAKE R AT CSAH 18, 2.35 MI SE OF MCGRATH, MN
S002-542	POKEGAMA CK AT CSAH 14, 3.6 MI W OF BEROUN, MN
S003-393	BIG SPRINGS CK AT CR-23 BRG, 6 MI NE OF LANESBORO
S003-528	KNIFE R AT CR-77, 3 MI N OF MORA, MINNESOTA
S003-530	ANN R AT CR-12 (200TH AVE), 3.2 MI W OF MORA, MINNESOTA
S003-531	MISSION CK AT CR-53, 2.5 MI W OF PINE CITY, MINNESOTA
S003-532	GROUNDHOUSE R AT CSAH-12 (HARBOR ST), 3.6 MI W BRUNSWICK, MN
S003-533	MUD CK AT CSAH-5, 1.6 MI NW OF GRASSTON, MINNESOTA
S003-638	SF GROUNDHOUSE R AT MN-47, 3.6 MI S OF OGILVIE, MINNESOTA
S003-782	ANN R AT CR-14, 3 MI SW OF MORA, MN
S004-066	ANN R AT MN-23, 2 MI SW OF MORA
S004-067	SNAKE R AT OLYMPIC ST, 3 MI E OF WOODLAND
S004-070	SNAKE R ALONG 150TH AVE, 3 MI E OF BRUNSWICK
S004-392	ANN R AT 210TH AVE BRG (CSAH-6), 3.5 MI W OF MORA
S004-393	LITTLE ANN R AT 240TH AVE BRG (CSAH-26), 6.5 MI NW OF MORA
S004-394	MISSION CK AT WHITE OAK RD BRG, 3 MI NW OF PINE CITY
S004-395	MISSION CK AT HOMESTEAD RD, 4.5 MI NNW OF PINE CITY
S004-396	MISSION CK AT CSAH-14 BRG, 5 MI N OF PINE CITY
S004-397	MISSION CK AT CSAH-16 (CROSS PARK RD), 3.5 MI SE OF HINCKLEY
S004-398	MISSION CK AT BEAR RD, 2 MI SE OF HINCKLEY
S004-527	MISSION CK AT CR-133 CROSSING, 1.2 MI SE OF HINCKLEY
S004-632	MISSION CK AT CR-130, 1 MI NO OF BEROUN
S004-862	LITTLE ANN R AT UNNAMED RD, 12.5 MI N OF OGILVIE
S005-090	SPRING POND OUTLET TO MISSION CK AT CR-133, 1 MI S HINCKLEY
S005-091	UNN STR RD DTCH TRIB TO MISSION CK AT CSAH61 1.2 MI N BEROUN

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Project SNAKEWEP Snake River Watershed Enhancement Project CWP

Start Date 01/01/1999 **Planned Duration** 12-31-2007

Purpose Over the past years the Snake River Watershed Management Board (SRWMB) has expended financial and human resources to document and control the influx of nutrients and sediments to the Snake River Watershed. Local interest appears to support future emphasis on a project versus research approach. Projects would include activities that positively affect watershed water quality. This proposal is to establish a baseline-monitoring program for the watershed. The goal is to complement project implementation efforts with a long-term database of nutrient and sediment loading. The purpose is to document if project implementation efforts result in gradual improvement in water quality.

Stream stage height by tape-down method.
100 cm t-tube.

Study Area The Snake River Watershed incorporates six counties Aitkin, Chisago, Isanti, Kanabec, Mille Lacs and Pine. It covers approximately 654,091 acres or a 1,022 square mile area. Most of the watershed is located in Kanabec, Aitkin and Pine Counties (Figure 1).

Project Design SWCD's and volunteers will collect lake and stream water quality samples from selected lakes and the selected tributary sites. SRWMB intends to coordinate monitoring activities. The purpose of the water quality and quantity monitoring program is to collect necessary data for the calibration of FLUX and BATHTUB models. Models can help with evaluating historical and future water quality trends or improvements.

ERA laboratories will test water quality samples following guidelines established in a contract dated 10 October 1995. Analysis will be carried out according to ERA's QA/QC Laboratory Manual, dated July 1995.

The purpose of the water quality and quantity monitoring program is to collect necessary data for the calibration of FLUX and BATHTUB models. Models can help with evaluating historical and future water quality trends or improvements. The hydrologic and nutrient flux among the lakes, the Snake River and internal loading will be determined. Samples will be collected from the lakes and tributary sites. Figure 1 shows stream grab sample stations. Data will be collected at grab sample stations during spring melt and storm event conditions. Grab sample stations have been placed in strategic locations throughout the watershed to characterize localized conditions (Table 3). Sampling at stream locations will occur most frequently during the spring runoff period.

B. Monitoring Site Selection and Site Description

Table 3. Stream Site Selection and Description

BC-1

Bear Creek near McGrath, MN
Aitkin County: T43N, R23W, section 5, Bear Creek and Co. Rd. 9

PS-8

455416093015400 Pokegama Creek at CR 14 near Beroun, MN
Pine County: T39N, R22W, section 1, north section line, NE, NW

SR-2

05337150 Snake River near McGrath, MN
Aitkin County: T43N, R23W, section 10, near SW corner, Snake River and Hwy 18

SR-8

05337400 Knife River near Mora, MN
Kanabec County: T40N, R24W, section 27, southeast corner, Knife River and Co. Rd. 77

SR-9

05337500 Snake River near Mora, MN
Kanabec County: T39N, R24W, section 14, Snake River and Hwy 65

SR-11

05337550 Ann River near Mora, MN

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Project Design Kanabec County: T39N, R24W, section 17, north section line, Ann River and Co. Rd. 12
SR-16
454954093091500 Mud Creek near Grasston, MN
Kanabec County: T38N, R23W, section 2, northeast corner, Mud Creek and Co. Rd. 5
SR-20
455231092592300 Mission Creek near Pine City, MN
Pine County: T39N, R21W, section 30, south section line
SR-22
5338500 Snake River at outlet of Cross Lake near Pine City, MN
Pine County: T39N, R21W, section 27, Snake River below Cross Lake dam
SR-24
454737093043800 Snake River west of Pokegama Lake near Pine City, MN
Pine County: T39N, R22W, section 36, Snake River and Hwy 7 (258' wide bridge)
SR-25
Groundhouse River near Mora, MN
Kanabec County: T38N, R24W, section 8, southwest corner, Groundhouse River and Co. Rd.
12
SR-26
454917093022800 Pokegama Lake SE in/outflow near Pine City, MN
Pine County: T39N, R22W, section 36, Pokegama Lake outlet and Hwy 53

C. Sampling Frequency

Lake Monitoring

Water quality monitoring on Ann, Cross, Fish, Knife and Pokegama lake will occur every year for ten years. One in lake station will be established for each lake. Information from previous studies for each lake will also be collected and compared to current limnological information. Lake water quality monitoring will occur once each month from May through September. Samples will be collected between 0900 and 1600 hours on each sampling date and analyzed for the parameters listed in Table 4. Field measurements will be made for Secchi depth. Samples for chemical analysis, Phosphorus and Chlorophyll a, will be collected from the surface (0-2m).

Table 4. Lake Sampling Parameters

Secchi Disk
Total Phosphorus
Chlorophyll a

Visual evaluations of shoreline conditions will be performed to identify unstable shoreline areas that are contributing sediment to the lake and u

Obtain Plan SRWMB will manage administrative and fiscal components and guide cosponsors in meeting project deadlines and milestones. Pine SWCD and the MPCA will be responsible for establishing a database for the Snake River watershed and database management for the initial two years of the project. Following the initial two-year period Aitkin SWCD will be responsible for database management. Project sponsors will meet at least twice a year to coordinate project activities.

Quality Assurance QUALITY ASSURANCE PROJECT PLAN (QAPP)

Detailed quality assurance plans will be submitted to the Minnesota Pollution Control Agency before the initiation of any field monitoring. The quality assurance plan will detail the sample collection and analytical methods used in the project and describe quality assurance/quality control (QA/QC) procedures to be used.

As part of the proposed project a Quality Assurance Project Plan (QAPP) will be prepared to assure that high quality data are collected and work performed. The QAPP will address field, laboratory, and office activities. Each project sponsor or technical consultant will be

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Quality Assurance responsible for preparing QAPP documents for their respective work tasks. Pine County SWCD will collect these documents and incorporate them into a general QAPP for the project. Snake River Watershed Project QAPP will discuss the following issues and concerns:

- " Project description
- " Project organization and responsibility
- " Quality assurance objectives and data measurement in terms of precision, accuracy, completeness and comparability
- " Sampling procedures
- " Chain of Custody - (Field / Lab / Office)
- " Equipment calibration procedures and frequency
- " Laboratory analytical methods
- " Data reduction, validation and reporting
- " Internal quality control checks
- " Performance and system audits
- " Equipment maintenance
- " Specific routine procedures used to assess data precision, accuracy and completeness
- " Corrective action
- " Quality assurance reports to project managers

Assigned Stations

Station ID	Station Name
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S001-727	SNAKE R AT CSAH 18, 2.35 MI SE OF MCGRATH, MN
S002-198	CD#27 ON CR-1 (TO W NORWAY LK), 5.4 MI SE OF SUNBURG
S002-529	BELLE CK AT WHITE ROCK TRAIL, 7.5 MI E OF CANNON FALLS, MN
S002-542	POKEGAMA CK AT CSAH 14, 3.6 MI W OF BEROUN, MN
S002-582	POKEGAMA CK AT CSAH-11 NR POKEGAMA LK 4.75 MI NW OF PINE CTY
S002-584	POKEGAMA CK AT CR-130, 7 MI NW OF PINE CITY, MN
S002-585	POKEGAMA CK AT CSAH-53 POKEGAMA LK OUTLT, 3.5 MI W PINE CITY
S002-587	SNAKE RIVER AT CSAH-7 3.5 MI WEST OF PINE CITY
S002-588	UNNAMED STREAM AT CSAH-13 6 MI NW OF PINE CITY
S002-590	UNNAMED STR TO JARVIS BAY AT CSAH-13, 4.5 MI W OF PINE CITY
S002-591	UNN STR TO JARVIS BAY AT TOWNSHIP RD 22, 4.4 MI W OF PINE CITY
S002-675	KNIFE R AT CSAH8 6 MILES NORTH OF MORA
S003-198	UNN DTCH (DTCH 66) AT XENON ST, 5 MI N OF ANOKA
S003-527	BEAR CK AT CR-9, IN MCGRATH, MINNESOTA
S003-528	KNIFE R AT CR-77, 3 MI N OF MORA, MINNESOTA
S003-529	SNAKE R AT MN-65, 0.7 MI S OF MORA, MINNESOTA
S003-530	ANN R AT CR-12 (200TH AVE), 3.2 MI W OF MORA, MINNESOTA
S003-531	MISSION CK AT CR-53, 2.5 MI W OF PINE CITY, MINNESOTA
S003-532	GROUNDHOUSE R AT CSAH-12 (HARBOR ST), 3.6 MI W BRUNSWICK, MN
S003-533	MUD CK AT CSAH-5, 1.6 MI NW OF GRASSTON, MINNESOTA
S003-539	UNN TRIB TO OSAKIS L AT CR-10, 1.7 MI N OF OSAKIS, MINNESOTA
S003-638	SF GROUNDHOUSE R AT MN-47, 3.6 MI S OF OGILVIE,

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Station ID	Station Name
	MINNESOTA
S004-067	SNAKE R AT OLYMPIC ST, 3 MI E OF WOODLAND
S004-070	SNAKE R ALONG 150TH AVE, 3 MI E OF BRUNSWICK
S005-246	UNN STR AT CSAH-13, 5 MI NW OF PINE CITY

Project	SPEC	Special Studies
	Start Date	Planned Duration
	01/01/1967	Various
	Purpose	
	Various	

Assigned Stations

Station ID	Station Name
39-0002-01	LAKE OF THE WOODS (WHOLE LK)
39-0002-02	LAKE OF THE WOODS (4 MI BAY)
69-0371	WILD RICE
S000-004	CROW RIVER AT BRIDGE ON CSAH-36 AT DAYTON
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-050	S FK CROW RIVER SH-55 AT ROCKFORD
S000-063	RAINY RIVER AT INTERNATIONAL BRIDGE AT BAUDETTE
S000-066	RUM RIVER CSAH-24, ST. FRANCIS
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON
S000-822	RUSH RIVER, SH-93 BY HENDERSON
S001-156	S BR YELLOW MEDICINE R AT CSAH-10, AT MINNEOTA
S001-199	REDWOOD R AT CR-73, 3.5 MILES SE OF GREEN VALLEY
S001-252	CROW R AT BR AT MN-101, 2.8 MI N OF ROGERS
S001-481	ZUMBRO R, M. FK., S. BR. 1 1/4 MI W OF MANTORVILLE, MN
S001-679	REDWOOD R AT CSAH-17, 3 MILES SW OF REDWOOD FALLS
S002-320	SO BR YELLOW MEDICINE R ON CSAH-26, 4 MI N MINNEOTA
S002-326	UNN TRIB TO SO BR YELLOW MED R ON 140TH ST, 1 MI W MINNEOTA
S002-327	SO BR YELLOW MED R ON 340TH ST, 1 MI SO OF MINNEOTA
S002-328	SO BR YELLOW MED R ON CR-76, 5 MI SO AND 3 MI W OF MINNEOTA
S002-329	UNN TRIB TO SO BR YELLOW MED R ON CR-110, 7 1/4 MI E IVANHOE
S002-330	SO BR YELLOW MED R ON CR-127, 4 1/2 MI E OF IVANHOE
S002-331	JD NO. 29 ON CR-126, 3 MI NO AND 1 MI EAST OF ARCO
S002-332	JD NO. 29 ON CSAH-15, 1/2 MILE EAST OF ARCO
S002-333	COUNTY DITCH NO. 35 ON CSAH-5, 3 MI W AND 1 MI N OF ARCO
S002-334	COUNTY DITCH NO. 35 ON TWNSHP RD, 4 MI W AND 1 MI SO OF ARCO

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Project SPLTRKCK Split Rock Creek Low Oxygen TMDL Project

Start Date 08/27/2003 **Planned Duration** Two years

Purpose This is a diagnostic project to investigate the sources of low oxygen in Split Rock Creek in order to develop a total maximum daily load or TMDL.

Study Area Split Rock Creek

Assigned Stations

Station ID	Station Name
S001-139	SPLIT ROCK C AT RD BTWN S13/24 4 M SW OF JASPER
S001-141	SPLIT RK C AT RD BTWN S12/13 2.5 M SW OF JASPER
S001-142	SPLIT ROCK C AT RD BTWN S1/12 1.5 M SW OF JASPER
S001-144	SPLIT ROCK C 0.2 M W OF JASPER AT COUNTY LINE
S002-358	SPLIT ROCK CK ON UNN RD, JUST E OF MN-23, 1.5 MI N OF JASPER
S004-528	SPLIT ROCK CK ON 201ST ST, 5 1/2 MI SW OF JASPER
S004-529	SPLIT ROCK CK AT CR-20 DWSTRM SPLIT ROCK LK, 1 MI SO. IHLEN
S004-530	PIPESTONE CK ON 487TH AVE, 1 MILE WEST OF SD/MN BORDER IN SD

Project SPRBKCWP Springbrook CWP Phase I

Start Date 01/01/1998 **Planned Duration** 1 year

Purpose Monitoring Springbrook Creek Sub-Watershed

Assigned Stations

Station ID	Station Name
S004-434	UNN STR AT WETLAND INLET IN THE SPRINGBROOK CK WTRSHED
S004-435	UNN STR AT WETLAND INLET JUST N OF 85TH ST IN SPRINGBK WTSHD
S004-436	UNN STR (SPRINGBROOK CK) AT E INLET TO SPRINGBROOK CK WTRSHED
S004-437	UNN STR AT UNIVERSITY AVE NE IN THE UPPER SPRINGBK WTRSHD
S004-438	UNN STR (DITCH #11) AT OUTLET OF SPRINGBROOK WETLAND
S004-439	UNN STR AT WETLAND INLET TO SPRINGBROOK CK WTRSHED
S004-440	UNN STR TO SPRINGBROOK CK WETLAND IN COON RAPIDS
S004-441	UNN STR IN SPRINGBROOK WETLAND, NORTH SIDE OF WETLAND
S004-442	UNN STR IN SPRINGBROOK WETLAND, SW SIDE OF WETLAND

Project SPRINGBK Spring Brook Assessment

Start Date 07/01/2006 **Planned Duration** 2 years

Document/Graphic SpringBrook_Depth

Document/Graphic

Purpose Condition

Obtain Plan Citation for Plan:

Beth Kallestad

Project Summary

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Minnesota Pollution Control Agency

Obtain Plan Cannon River Watershed Partnership
8997 Eaves Avenue
Northfield, MN 55057
507-646-8400
beth@crwp.net

Assigned Stations

Station ID	Station Name
S001-445	RICE CR W SIDE OF NORTHFIELD, MN
S001-446	UNNAMED TRIB 1 1/4 MI NW OF DUNDAS, MN

Project SPRING_V Spring Valley Ponds Survey

Start Date 01/01/2004 **Planned Duration** longterm

Purpose Ponds Survey

Study Area statewide

Assigned Stations

Station ID	Station Name
S000-772	SPRING VALLEY C ABV SPRING VALLEY TROUT HATCHERY
S003-690	SPRING VALLEY CK, SO. OF CSAH-8, 1 MI E OF SPRING VALLEY

Project SRCL Sauk River Chain of Lakes (SRCL) Watershed Management Project

Start Date 04/01/1997 **Planned Duration** Ongoing

Purpose The purpose of the Sauk River Chain of Lakes (SRCL) Watershed Management Project is to reduce the nutrient loading to the SRCL by implementing Best Management Practices throughout the entire watershed. The water quality monitoring is conducted to determine the effectiveness of the BMPs and overall water quality status of the 16 lakes, the Sauk River, and major tributaries to the Sauk River and the SRCL. --9-20-2006 / 2007

2007 update:

SRCL has had several funding strings thus far: 1. the 1996 Horseshoe Chain of Lakes Improvement Project CWP 1996 (grant #RQR3231700000121), 2. Sauk River Chain of Lakes Watershed Management Project CWP April 2000 (a.k.a. Horseshoe Chain of Lakes Continuation, grant #300-04), 3. Sauk River Chain of Lakes Basin Restoration Project 319 February 2001 (grant #4107), 4. Middle Sauk River Rehabilitation Project Phase CWP 2002 (grant #4132) - this grant is a subset to the SRCL projects and 5. Restoring Water Resources of the Sauk River Chain of Lakes 2003 (grant # C9975935-04-0), 6. Targeted Implementation/Compliance Activity Within TMDL and Ecologically Sensitive Areas - Phase II 2003, 7. Sauk River Chain of Lakes Basin Restoration Project Continuation 2004 (grant # 4107-01), 8. Middle Sauk River Rehabilitation Project Continuation 2004 (grant # 4132-01), 9. Manure Management within Ecologically Sensitive Areas in Stearns County, MN (and Phase II), Projects 1 and 2 are completed, 3 will be completed September 2004, and 4 will be completed May 2005. Two continuation grants were submitted June 2004 to continue projects 3 and 4.

2008 update:

Restoring Water Resources of the Sauk River Chain of Lakes 2003 (Grant #C9975935-04-0); 6.) Sauk River Chain of Lakes Basin Restoration Project Continuation 2004 (Grant #4107-01); 7.) Middle Sauk River Rehabilitation Project Continuation 2005 (Grant #4132-01); 8.) Targeted Implementation/ Compliance Activity within Impaired and Ecologically Sensitive Areas in the Upper Mississippi River Basin in Stearns County- Continuation; 9.) Targeted Implementation/ Compliance Activity within TMDL and Ecologically Sensitive Areas- Phase II; 10.) Manure Management within Ecologically Sensitive Areas in Stearns County, MN Phase II

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Purpose 11.) Middle Sauk River Water Quality Restoration Project 2007(Grant # A97273) 12.) Middle Sauk River Water Quality Restoration Continuation Project 2008(Grant #B19282)

The Purpose of the Sauk River Chain of Lakes Watershed Management Project is to reduce the nutrient loading to Sauk River Chain of Lakes by implementing Best Management Practices throughout the entire watershed. The water quality monitoring is conducted to determine the effectiveness of the BMPs and overall water quality status of the 13 lakes, the Sauk River and 5 major tributaries to the Sauk River and the SRCL.

The Sauk River Chain of Lakes Association members submit CLMP secchi data.

Associated with the SRWD Program in STORET.

Study Area Sixteen lakes, the Sauk at Richmond and Cold Spring, and Gretchel Creek. The lakes are Becker, Bolting, Cedar Island, Great Northern, Horseshoe (and Krons Bay), Knaus (and Park Lake), Koetter, Krays, Long, Schneider, Zumwalde, Browns, St. Anna, Little Birch Lake, Lake Sylvia, and Kings Lake. --9-20-2006-- Cedar Island Lake and Getchell Creek. --12-04-2007--

Project Design Samples are sent to Braun Intertec and RMB labs. Parameters collected for lakes include total phosphorus, ortho-phosphorus, total suspended solids, chlorophyll-a, dissolved oxygen, pH, and secchi (with TKN, NH4, NO3 and chlorides sampled through 2002).

2006-09 updates: Additional parameters sampled for lakes include transparency, depth and temperature. YSI 6820 multiparameter probe.

2007 updates: Stearns DHIA Central Laboratories and St. Cloud Water Treatment Plant. SOPs and QAPP submitted as appendices in workplans for each grant. Additional parameters sampled for lakes include chloride and total kjeldahl nitrogen.

Parameters collected for streams include total phosphorus, ortho-phosphorus, total suspended solids, dissolved oxygen and TKN (with chlorides, NH4 and NO3 sampled through 2002).

2006-09 update: Additional parameters sampled for streams include ammonia + nitrogen, chloride, temperature, depth, fecal coliform and e-coli occasionally. YSI 550A DO probe. Accoustic Doppler Rivercat and semi-permanent Doppler velocity meters.

Streams samples are collected by grab samples, or Van Dorn Samplers in high flows. Continuous water elevation is collected electronically for the Sauk River at Richmond and Cold Spring, as well as Gretchel Creek. Lake samples were collected monthly by a six foot profile or six foot integrated sampler.

2008 update:

RMB Lab, Stearns DHIA Central Lab, Braun Intertec Lab, St. Cloud Water Treatment Plant.

Grab samples in streams and used Van Dorn Sampler during high flows. Used integrated sampler (6feet) for Lake profiles along with YSI 6820 multiparameter probe. Continuous water elevation data is collected electronically for streams. SOPs and QAPP submitted as appendices in workplans for each grant.

For Lakes: Chlorophyll A, Total Phosphorus, Ortho Phosphorus, Total Suspended Solids, Dissolved Oxygen, PH, Secchi, Transparency, chloride, Total Kjeldahl Nitrogen, depth, temperature (NH4, NO3 until 2002), YSI 6820 multiparameter probe. For Streams: Total Phosphorus, Ortho Phosphorus, Total Suspended Solids, Dissolved Oxygen, Ammonia+nitrogen, chloride, temperature, depth, fecal coliform and e-coli occasionally (NO3, until 2002). YSI 550A DO probe. Accoustic Doppler RIVERCAT and semi permanent Doppler velocity meters.

Study area: Added Eden Lk, Vails Lk, Eden Valley Ditch, and Eden Brook.

Obtain Plan Citation for Project Plan -

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Obtain Plan Title: Restoring Water Resources of the Sauk River Chain of Lake Workplan (Grant #C9975935-04-0); Sauk River Chain of Lakes Basin Restoration Project Continuation Workplan (Grant #4107-01); Middle Sauk River Rehabilitation Project Continuation Workplan (Grant #4132-01).
Author: Sauk River Watershed District
Publishing Organization: Sauk River Watershed District
Publication Year: 2005

Assigned Stations

Station ID	Station Name
73-0082	SCHNEIDER
73-0083	GREAT NORTHERN
73-0086	KNAUS
73-0087	KRAYS
73-0088	BOLFING
73-0089	ZUMWALDE
73-0133-01	CEDAR ISLAND (MAIN BAY)
73-0133-03	CEDAR ISLAND (KOETTER LK)
73-0139	LONG
73-0147	NORTH BROWN'S
73-0150	EDEN
73-0151	MUD (VAILS)
73-0156	BECKER
73-0157	HORSESHOE
73-0183	ST. ANNA
73-0215	MARIA
73-0233	KINGS
73-0249	SYLVIA
77-0089	LITTLE BIRCH
S000-284	SAUK R. CSAH-31 S OF NEW MUNICH
S000-366	SAUK R. AT CSAH-30 BRIDGE NEAR NEW MUNICH
S000-369	ADLEY CREEK AT CO. RD. 168 NEAR MELROSE
S000-373	SAUK R. AT CO. RD. 186 BRIDGE AT SAUK CENTER
S000-497	STONY CREEK AT CO. RD. NEAR SPRING HILL
S000-517	SAUK RIVER AT CSAH-12 BRIDGE NEAR RICHMOND
S000-702	SAUK RIVER AT CSAH-12 BRIDGE NEAR ST.MARTIN
S000-917	KOLLING CREEK AT CSAH-43 WEST OF RICHMOND
S000-919	JEWITTS CK AT RD BTN S23/26 3 MI N OF LITCHFIELD
S000-920	JEWITTS CK RD BTN S25/30, 2.5 MI N OF LITCHFIELD
S000-921	JEWITTS CK S END DTCH BTN S36/31 N OF LITCHFIELD
S000-922	JEWITTS CREEK AT MN-24, 0.5 MILE N OF LITCHFIELD
S000-923	JEWITTS CR AT CSAH-42/ARMSTRONG AV AT LITCHFIELD
S000-924	LOST R AT RD BTN S34/35 1.5 MI N OF GONVICK
S000-925	LOST R AT ROAD BETWEEN S2/3 0.5 MI N OF GONVICK
S000-926	LOST R AT T149N/R38W/S3/SEQ/SEQ AT GONVICK
S000-927	LOST R AT RD IN T149N/R38W/S10/NWQ/SWQ, GONVICK
S000-928	OUTLET CK DIRECTLY ABOVE STARBUCK WWTP DISCHARGE
S000-929	RICEFORD CK AT RD IN S19 2.5 MI NE OF MABEL

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Station ID	Station Name
S000-930	RICEFORD CK IN T101N/R7W/S30/NWQ 2 MI E OF MABEL
S000-931	RICEFORD CK NEXT TO MN-44 1.5 MI E OF MABEL
S000-932	RICEFORD CK AT CSAH-29 1 MI E OF MABEL
S000-933	RICEFORD CK AT MN-44 AT MABEL
S000-934	SAUK RIVER AT CSAH-10 NE OF ST.MARTIN
S000-935	SWAN R AT CSAH-21 4 MI S OF BOVEY
S000-950	UNNAMED TRIBUTARY NEAR SPRING HILL
S001-434	KINSER CK 2 MI S OF COLD SPRING, MN
S002-040	BROWNS LK INLET JUST W OF MN-22, 5 MI S OF RICHMOND
S002-655	SAUK R. AT US HWY 71 AT SAUK LK OUTLET, SAUK CEN
S003-286	SAUK R AT CSAH 2, 0.4 M S OF COLD SPRINGS, MINNESOTA
S003-288	NONAME CK AT 320TH AVE, 3.3 MI SW OF NEW MUNICH, MINNESOTA
S003-289	GETCHEL CK AT CSAH 176, 3.1 M SE OF NEW MUNICH, MN
S003-321	OUTLET TO GRAND LK AT HUBBERT LN, 1.8 MI S OF ROCKVILLE, MN
S003-322	OUTLET TO LITTLE BIRCH L AT CSAH-8, 3 MI SW GREY EAGLE, MN
S003-517	CD-44 (A.K.A.CD-9) AT MN-4, 0.5 MI N OF GREENWALD, MINNESOTA
S003-518	UNN TRIB TO VAILS L AT CR-9, 0.96 MI E OF EDEN VALLEY, MN
S003-521	ADLEY CK (CD-33) AT CR-17, 5.2 MI N OF MELROSE, MINNESOTA
S003-534	GRAND L OUTLET AT HUBERT LN, 1.4 MI S OF ROCKVILLE, MN
S003-542	SAUK R AT UNN ST, 5 MI SW OF LITTLE SAUK, MINNESOTA
S003-544	ADLEY CK AT LITTLE BIRCH LK OUTLET, 5.2 MI SW OF GREY EAGLE
S003-873	UNN TRIB TO SAUK R S OF 2ND ST E OF 2ND AVE IN COLD SPRING
S003-883	INLET TO LONG L AT BROWNS L RD, 3.5 MI SW OF RICHMOND, MN
S003-891	SAUK R AT UNN ST, 2.6 MI NE OF WEST UNION, MN
S003-894	INLET TO SCHNEIDERS L AT OLD MN-23/CR-83, 1.6 MI E RICHMOND
S003-895	UNN TRIB TO GETCHELL CK AT CSAH-17, 3.7 MI NW ST ANTHONY, MN
S004-626	GETCHELL CK AT CSAH 39, 1.3 MI NE OF FREEPORT, MN
S004-627	GETCHELL CK AT CR-157, 1.2 MI SE OF FREEPORT, MN
S005-269	UNN STR DTCH AT CSAH-9, .35 MI E OF EDEN VALLEY, MN
S005-270	UNN STR AT HUTCHESON AVE, .5 MI NE OF EDEN VALLEY, MN

Project SRWD Sauk River Watershed District Non-Grant Related Projects

Start Date 01/01/1995 **Planned Duration** 2008

Purpose Condition monitoring to provide concerned residents with a quality report on their water resources.

The Sauk River Watershed District (SRWD) has conducted water quality monitoring on several lakes and streams which are funded by the local lake association, Stearns SRWD, or

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Purpose by the SRWD general budget. These sites include (but are not limited to) Grand Lake and its tributaries, Lake Maria, Big Lake, Little Birch Lake, Prairie Creek and Mill Creek (funded by Stearns SWCD).

Local lake associations submit secchi data to MPCA for CLMP.

Associated with the SRWD Program in STORET.

Study Area Sauk River Watershed District

Project Design Samples are sent to Braun Intertec and RMB labs.

Parameters collected for lakes include total phosphorus, ortho-phosphorus, total suspended solids, chlorophyll-a, dissolved oxygen, pH, and secchi (with TKN, NH₄, NO₃ and chlorides sampled through 2002). Parameters collected for streams include total phosphorus, ortho-phosphorus, total suspended solids, dissolved oxygen and TKN (with chlorides, NH₄ and NO₃ sampled through 2002).

2007 update: Stearns DHIA Central Laboratories and St. Cloud Water Treatment Plant. Additional parameters for streams are Ammonia+nitrogen, chloride, temperature, depth, fecal coliform (until 2007) and e-coli. Additional parameters for lakes are transparency, chloride, total khedahl nitrogen, depth, and temperature.

Streams samples are collected by grab samples, or Van Dorn Samplers in high flows. Lake samples were collected monthly by a six foot profile or six foot integrated sampler.

2007 update: Samples are collected by grab samples in streams using a Van Doren Sampler and YSI 550A DO probe, accoustic Doppler RIVERCAT and semi permanent Dopple velocity meters. Samples are collected for lakes with an integrated sampler for lake profiles along with YSI 6820 multiparameter probe.

2008 update: Stearns DHIA Laboratories
Samples are collected by 6 foot profiler, Van Dorn sampler. Field Measurements are YSI Hydroprobe: DO, temp, conductivity, depth, pH; Transparency with Secchi disc, transparency tube. Gage type is Flow Tracker and River CAT. Probe is YSI 6820.

Assigned Stations

Station ID	Station Name
21-0016	SMITH
73-0051	PLEASANT
73-0055	GRAND
73-0076	GOODNERS
73-0106	BIG FISH
73-0107	LONG
73-0159	BIG
73-0183	ST. ANNA
73-0199	SAND
73-0208	UHLENKOLTS
73-0215	MARIA
73-0231	LONG
73-0233	KINGS
73-0237	HENRY
73-0255	CEDAR
73-0273	McCORMIC
77-0084-01	BIG BIRCH (NORTH)
77-0084-02	BIG BIRCH (SOUTH)

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Station ID	Station Name
77-0089	LITTLE BIRCH
S000-444	MILL CK AT MN-23 IN ROCKVILLE
S000-497	STONY CREEK AT CO. RD. NEAR SPRING HILL
S000-517	SAUK RIVER AT CSAH-12 BRIDGE NEAR RICHMOND
S000-950	UNNAMED TRIBUTARY NEAR SPRING HILL
S001-442	ADLEY CREEK, CHANNEL BETWEEN LITTLE BIRCH L AND SYLVIA L
S003-286	SAUK R AT CSAH 2, 0.4 M S OF COLD SPRINGS, MINNESOTA
S003-289	GETCHEL CK AT CSAH 176, 3.1 M SE OF NEW MUNICH, MN
S003-298	TRIB AT CSAH-27, 1.6 MI E OF OSAKIS, MINNESOTA
S003-320	INLET TO GRAND LK AT CSAH-8, 2.9 MI S OF ROCKVILLE, MN
S003-321	OUTLET TO GRAND LK AT HUBBERT LN, 1.8 MI S OF ROCKVILLE, MN
S003-322	OUTLET TO LITTLE BIRCH L AT CSAH-8, 3 MI SW GREY EAGLE, MN
S003-518	UNN TRIB TO VAILS L AT CR-9, 0.96 MI E OF EDEN VALLEY, MN
S003-534	GRAND L OUTLET AT HUBERT LN, 1.4 MI S OF ROCKVILLE, MN
S003-535	L MARIA INLET AT L MARIA RD, 1.3 MI SE OF NEW MUNICH, MN
S003-558	SS AT 4TH ST N, 0.6 MI N OF SAUK CENTRE, MINNESOTA
S003-559	SS TO HOBOKEN CK 0.09 MI DNST HICKMAN DR, 0.8MI NW SAUK CENT
S003-560	SS 0.04 MI W LAKE SHORE DR, 0.97 MI N OF SAUK CENTRE, MN
S003-561	SS 0.03 MI W OF LAKE SHORE DR, 0.77 MI N OF SAUK CENTRE, MN
S003-880	UNN TRIB TO MILL CK AT 230TH ST, 1.0 MI S OF ROCKVILLE, MN
S003-882	MILL CK AT 230TH ST, 1.2 MI SSE OF ROCKVILLE, MN
S004-164	MILL CK (PEARK L OUTLET) AT CR-146, 7 MI SE OF COLD SPRING

Project SSSTA Statewide Stream Sediment Technical Assistance

Start Date 04/02/2007 **Planned Duration** end 06-30-2007
Purpose Contract ID: A98471

2008: This project is restarted and, although not directly a TMDL CWLA project, is now utilizing CWLA funding for TMDL purposes. Several stream stations from Project KNIFE_R and CWPCROWR are now also associated with this project.

Assigned Stations

Station ID	Station Name
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S000-582	BUFFALO CK AT CSAH-1 2 MI E OF GLENCOE
S002-556	LITTLE FORK R. AT MN-217 AT LITTLE FORK, MN
S002-709	S BR BUFFALO R AT CR67, 1 MI E OF SABIN
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN
S004-359	DES MOINES R, W OF RIVER ST, 100 YDS DS OF DAM, AT JACKSON
S004-384	ZUMBRO R AT US-61 IN KELLOGG

Project Summary

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Project STCROIX St. Croix River Basin Nutrient Monitoring

Start Date 05/13/1999 **Planned Duration** One year

Purpose Problem Investigation: To characterize the water quality of the St. Croix River reservoir areas so that a lake model can be developed for use in evaluating and managing the current and potential future of Lake St. Croix and the reservoir at St. Croix Falls.

Parallel sampling and lab analyses conducted by MCES at two sites: SC-0.3 (Prescott) and SC-23.3 (Stillwater).

Parallel sampling conducted by Nat'l Park Service at 3 sites in St. Croix Falls Reservoir. Analyses completed by MCES.

Citizen monitoring in Lake St. Croix coordinated by MN-WI Boundary Area Commission.

Study Area St. Croix River Basin

Assigned Stations

Station ID	Station Name
82-0001	ST. CROIX
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-129	SUNRISE R. CSAH-9 AT SUNRISE
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY

Project STEARNS Stearns County Lake Assessment Project

Start Date 06/16/1999 **Planned Duration** Ongoing

Purpose Monitoring is being completed by Stearns County to: 1) generally characterize the water quality of lakes within the County. This is being completed by systematically sampling a group of lakes (usually 5-6) annually; 2) understand the general condition of the lakes monitored; 3) determine if some lakes exhibit symptoms of degraded water quality; and 4) make decisions about whether more detailed study is needed for select lakes to better diagnose problems and recommend solutions for improving water quality.

Project Design A total of 47 sites were monitored as part of this project.

Water quality data for this project from 1999-2001 was derived from field measurements performed by students at St. Cloud State University. Water quality samples were analyzed by St. Cloud State University Laboratory and sent to Minnesota Department of Health for QA/QC.

The period of investigation for which data was provided is June 1999 to September 2002.

Obtain Plan Water quality data for this project from 2002 was derived from field measurements performed by Houston Engineering Staff and Stearns County personnel. Water quality samples for 2002 were analyzed by MVTL

The principal investigator for the project is:

Charles Rose
Environmental and Technological Studies
Headley Hall 204
Saint Cloud State University
720 Fourth Avenue South
Saint Cloud, Minnesota 56301-4498
320-255-312 clrose@stcloudstate.edu

Assigned Stations

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Station ID	Station Name
73-0004	LONG
73-0006	CROOKED
73-0035	SCHOOL SECTION
73-0037	PEARL
73-0038	CARNELIAN
73-0055	GRAND
73-0076	GOODNERS
73-0102	BIG WATAB
73-0106	BIG FISH
73-0117	BIG SPUNK
73-0118	PELICAN
73-0123	LOWER SPUNK
73-0128	MIDDLE SPUNK
73-0136	PINE
73-0138	TWO RIVERS
73-0147	NORTH BROWN'S
73-0150	EDEN
73-0159	BIG
73-0190	BEAR
73-0199	SAND
73-0215	MARIA
73-0249	SYLVIA
73-0273	McCORMIC
77-0089	LITTLE BIRCH

Project	STEVENS	Stevens County Water Quality Monitoring
Start Date	01/01/1993	Planned Duration 13 years
Purpose	Condition monitoring to gather baseline data.	
Study Area	Stevens County	
Obtain Plan	MPCA Project Manager: Katherine Pekarek-Scott MPCA Marshall Office 1420 E. College Drive, Suite 900 Marshall, MN 56258 (507) 476-4267 katherine.pekarek-scott@pca.state.mn.us	

Assigned Stations

Station ID	Station Name
75-0019	PAGE
75-0075	PERKINS
75-0200	HATTIE
S002-884	POMME DE TERRE R AT CSAH-8, 5 MI S OF MORRIS
S002-885	POMME DE TERRE R AT CR-74, 7 MI NE OF MORRIS
S002-886	POMME DE TERRE R AT CR-76, 11 MI NE OF MORRIS
S002-887	POMME DE TERRE R AT CSAH-10, 3 MI SE OF MORRIS

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Station ID	Station Name
S002-888	POMME DE TERRE R AT CSAH-20, 9 MI NE OF MORRIS
S004-411	POMME DE TERRE R AT MN-9, 2 MI SE OF MORRIS
S004-592	POMME DE TERRE R AT CSAH-5, 2.5 MI S OF MORRIS
S004-593	POMME DE TERRE R AT US-59, 4.5 MI S OF MORRIS

Project STLOU-S St. Louis River Clean Water Legacy Monitoring

Start Date 02/28/2007 **Planned Duration** 2 years

Purpose Assessment
CWLA project

Project Design Sample Collection Methods: Grab sample with bucket, transparency tube, YSI multiparameter meter.

Field Measurements: Transparency taken with 120 cm transparency tube. E.coli, total nitrogen, TSS, nitrite-nitrate, 5-day BOD, sulfates and total phosphorus taken by grab sample and analyzed by certified laboratory.

Probe Make and Model: YSI 650 MDS

Laboratory Information:

Era Laboratories, Inc.
4730 Oneota St.
Duluth, MN 55807
Contact Name: Susan Magnuson
218-727-6380
susan@eralabs.com

Obtain Plan Citation for Plan:

Andrew Wold
Fond du Lac Tribal & Community College
2101 14th Street
Duluth, MN 55720
218-879-0714
awold@fdltcc.edu

Assigned Stations

Station ID	Station Name
S004-594	STONEY BK AT CSAH-31 AND DUFF RD, S OF BROOKSTON
S004-595	PARTRIDGE R AT CR-565, 1 MI E OF HOYT LAKES
S004-596	OTTER CK ON MUNGER SHAW BIKE TR, S OF MN-210, SE OF CARLTON
S004-597	MIDWAY R AT CSAH-1 IN NORTHRIDGE PK, JUST N OF ESKO
S004-598	SQUAW CK (FOND DU LAC CK) AT RESERVATION RD, 3 MI NW CLOQUET
S004-599	FLOODWOOD R AT MN-73 IN FLOODWOOD
S004-600	ARTICHOKE R JUST E OF CSAH-31, 1 MI N OF BROOKSTON
S004-601	WEST TWO R AT CR-661, 4 MI SW OF FORBES

Project STLR-S St. Louis River Citizens River Watch

Start Date 04/01/2008 **Planned Duration** 2 Years

Purpose Citizen monitoring of tributaries to the St. Louis River

Project Summary

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Study Area St. Louis River Tributaries

Project Design Laboratory Name:
1. North Shore Analytical
2. ERA Laboratories

Field Procedure Information:

Sample Collection Method and Gear - Grab with weighted bucket
Field Measurements Methods and Instrumentation - pH, conductivity, DO, water temperature, air temp., stream stage (high-medium-low), t-tube, turbidity.
Turbidimeter - Hach 2100 P
Probe Make and Model - Hach HQ40D

Obtain Plan Local Project Coordinator:

Julene Boe
St. Louis River Citizens Action Committee
394 S. Lake Ave., Suite 322A
Duluth, MN 55802
218-733-9520
slrcac@stlouisriver.org

Assigned Stations

Station ID	Station Name
S000-616	LITTLE SILVER CREEK IN JAY COOKE STATE PARK
S001-169	MILLER CK AT CHAMBERSBURG RD T50N/R14W/S19
S003-070	MILLER CREEK, UPPER GAGE SITE AY HWY 53 IN DULUTH
S003-071	MILLER CREEK, LOWER SITE AT 26TH AVE W IN DULUTH
S004-968	KEENE CR AT RALEIGH ST IN DULUTH, MN
S004-970	STEWART CK AT US STEEL RR LINE, 2 MI NNE OF GARY, MN
S004-971	ST LOUIS R AT CHAMBERS GROVE PK, 2.9 MI WSW OF GARY, MN
S004-972	SARGENT CK AT AT HUDSON BLVD, 1 MI S OF GARY, MN
S004-973	MILLER CR AT LK SUPERIOR COLLEGE, 2 MI W OF DULUTH, MN
S004-974	MISSION CK AT MN-23, 2.6 MI WSW OF GARY, MN
S004-975	UNN STR AT W SUPERIOR ST IN DULUTH, MN
S004-976	ST LOUIS R AT 133RD AVE W, 2.6 MI WSW OF GARY, MN

Project STORMWTR Improving Stormwtr Mgmt in Ecologically Sensitive Watersheds

Start Date 02/01/2008 **Planned Duration** 08/31/2012

Purpose Condition

Study Area Spicer and New London, Minnesota

Project Design Laboratory Information:
RMB Environmental Laboratory

Field Procedure Information:
Sample Collection Method and Gear - Grab
Field Measurements Methods and Instrumentation - pH, SC, Temp, DO, Turb with YSI.
Turbidimeter Make and Model - YSI Probe
Probe Make and Model - MPCAs YSI 6820.

Obtain Plan Chad Anderson

Project Summary

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Obtain Plan 174 Lake Avenue North
Suite 2, P.O. Box 8
Spicer, Minnesota 56288
320-796-0888
chad@mfcrow.org

Assigned Stations

Station ID	Station Name
S002-292	ALVIG SLOUGH TO GREEN LK, .5 MI SE OF SPICER, MN
S004-610	UNN STR ALONG S SHORE OF GREEN LK, .8 MI SE OF SPICER, MN
S005-490	UNN STR INLET TO GREEN LK AT MILLER ST IN SPICER, MN
S005-491	UNN STR INLET TO GREEN LK AT MANITOBA ST IN SPICER, MN

Project STRT_RIV Straight River Monitoring Project

Start Date 01/01/1999 **Planned Duration** Three years

Purpose Baseline Water Quality Monitoring.

Fecal Coliform TMDL grant from 2001-2003.

2/5/08: Project Manager changed from Lee Ganske to Justin Watkins.

Study Area Straight River Watershed in Steele County

Assigned Stations

Station ID	Station Name
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-450	STRAIGHT R 200 YDS ABOVE OWATONNA WWTF OUTFALL
S000-502	RUSH CK AT CR-90 (COE AVE), 2 MI N OF MEDFORD
S000-627	ST. LOUIS RIVER 2.5 MI SW OF GARY
S001-001	STRAIGHT R AT CSAH-9 2 MI S OF MEDFORD
S001-343	STRAIGHT R AT CSAH-31 BR, 3.5 MI SW OF OWATONNA, MN
S003-009	CRANE CK AT CSAH-22 1.5 MI S OF MEDFORD
S003-011	MAPLE CK AT CSAH-1 OWATONNA
S003-012	STRAIGHT R AT SE 19TH AVE 5 MILES NE OF ELLENDALE
S003-013	STRAIGHT R AT SE 14TH AVE 4.5 MILES NE OF ELLENDALE
S003-014	STRAIGHT R AT SW 128TH ST 3 MI NE OF ELLENDALE
S003-015	STRAIGHT R AT SW 28TH ST 1 MI SW OF OWATONNA
S003-016	TURTLE CK AT CSAH-45 3 MI S OF OWATONNA
S003-609	CRANE CK (JD-1) AT CSAH-18, 2.6 MI NW OF MERIDEN, MINNESOTA
S003-627	STRAIGHT R AT MOUTH AT CONFLUENCE WITH THE CANNON R
S003-628	TURTLE CK NEAR MOUTH, E OF I-35, 4 MI S OF OWATONNA

Project STWOR South Two Rivers Watershed District

Start Date 05/01/2006 **Planned Duration** Annual

Purpose South Two Rivers Annual Water Quality Monitoring Program

Study Area Statewide

Assigned Stations

Project Summary

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Station ID	Station Name
S004-265	UNNAMED STR AT CSAH-54, 2 MI SE OF ALBANY, MN
S004-266	UNNAMED STR OUTLT FROM PELICAN LK, 4 MI NE OF ALBANY, MN
S004-267	UNNAMED STR, .5 MI S OF CR-154, 3 MI NE OF ALBANY, MN
S004-268	SOUTH TWO RIVER AT PARK IN SW HOLDINGFORD, MN
S004-269	UNNAMED STR INLET NEAR CR-154, 4.5 MI NE OF ALBANY, MN
S004-270	SOUTH TWO RIVER 250 FT N OF CSAH-17, WEST OF HOLDINGFORD, MN
S004-271	SOUTH TWO RIVER AT CR-156, .75 MI S OF ALBANY, MN
S004-272	SOUTH TWO RIVER AT OUTLET, 2 MI SW OF HOLDINGFORD, MN
S004-273	SOUTH TWO RIVER AT ST ANNA DRIVE, 3.5 MI NE OF ALBANY, MN

Project SULDIS Sulfate Discharge

Start Date 06/19/2007 **Planned Duration** 2 years

Purpose Problem investigation

Project Design Sample Collection Methods: Grab sample directly into bottles.

Laboratory Name: Minnesota Department of Health

Obtain Plan Citation for Plan:

Ed Swain
MPCA
520 Lafayette Road
St. Paul, MN 55155
edward.swain@pca.state.mn.us
651-296-7800

Assigned Stations

Station ID	Station Name
S000-051	S FK CROW R. SH-22 1 MI NW OF BISCAV
S001-203	REDWOOD R AT TWP RD NR CR67 .5 MI NE OF MARSHALL
S001-262	N BR GRINDSTONE R, 1.9 MI NW OF HINKLEY, MN
S001-263	S BR GRINDSTONE R, 1.6 MI NW OF HINKLEY, MN
S001-271	GRINDSTONE R AT CR-140 BR, 2.5 MI E OF HINCKLEY
S002-014	S FK CROW R ON CR-59, 1 MI W OF OTTER LK, 3 MI W HUTCHINSON
S003-702	REDWOOD R AT BRG 225TH AVE (OFF MN-19), 2 MI SW OF MARSHALL

Project SUNP3KDO Sunrise River Pool 3 Outlet to Kost Dam DO Monitoring

Start Date 01/03/2006 **Planned Duration** Two years

Purpose Define the severity and frequency of winter low DO events (DO under 5mg/L) and understand the relationship with Pool 3 water level management. The monitoring goal is to measure dissolved oxygen under ice-covered conditions and throughout the winter season, both above and below the dam on Pool 3, while noting the ice conditions and water level management activities in effect.

Project background: Dissolved oxygen (DO) concentrations below the water quality standard

Project Summary

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Purpose of 5 mg/L occurred during the low flow winter of 2003-2004 in the Sunrise River between the MDNR Carlos Avery Wildlife Area Pool 3 (a.k.a. North Pool) dam and Kost Dam. This condition was documented by samples collected by the Chisago Lakes Joint Sewage Treatment Commission (STORET Project ID = CLRECWTR, aka Chisago Lakes Receiving Water Monitoring). When the rough fish populations in the river and pools of the wildlife are increase to the point that wild rice beds are threatened, the MDNR takes advantage of low flow winter conditions to manage the pool water level in such a way as to create a sudden drop in oxygen beyond the tolerance of carp and bullheads. This has proven to be an effective and inexpensive way to limit rough fish in the area. It also may contribute to the degradation of the downstream reach of the Sunrise River below the state water quality standard for DO.

While this management practice undoubtedly releases very low dissolved oxygen water to the downstream reach of the Sunrise River, it is unknown how much the water level management in other years might also affect the DO downstream. Due to the documented low DO conditions already noted, MPCA is placing the river reach from the Pool 3 outlet to the Kost Dam on the draft 2006 list of impaired waters. The impairment listing might restrict new permitted activities in the watershed.

Study Area S004-060 Sunrise River upstream of Pool 3 dam
S002-249 Sunrise River immediately downstream of Carlos Avery's (North) Pool 3 dam
S000-994 Sunrise River at Chisago CSAH-14 crossing
S001-692 Sunrise River at the bridge on Kost Dam Road (downstream side of Kost Dam)

Project Design This project will not collect lab samples.

Sampling should begin in mid-December and end in either late February or when the ice cap on Carlos Avery Pool 3 breaks up, whichever comes first. The sampling frequency should be once a week.

Fill round glass stopper bottle at mid-stream, or representative of channel flow, avoiding aeration. In field, measure DO by Winkler Titration Method, stream temperature, and pH using ____; record observations of the ice cap on Carlos Avery ponds, and relative water level in Pool 3 using ____.

Obtain Plan MPCA. "Information Protocol 07030005-540 Sunrise River, Pool 3 outlet to Kost Dam." 2005.

Assigned Stations

Station ID	Station Name
S000-994	SUNRISE RIVER AT CSAH-14, 4 MI NW OF LINDSTROM
S001-692	SUNRISE R DOWNSTREAM OF KOST DAM, 4 MI W OF ALMELUND
S002-249	SUNRISE R DOWNSTREAM OF POOL 3 DAM, 4.5 MI N OF CHISAGO, MN
S004-060	SUNRISE R UPSTREAM OF N POOL DAM, 4.5 MI N CHISAGO, MN

Project SUNR_NBR North Branch of the Sunrise River TMDL

Start Date 06/14/2002 **Planned Duration** 12-31-2004

Purpose Exceeding federal standards for fecal coliform impairing the river's swimming use

Study Area North Branch of the Sunrise River

Assigned Stations

Station ID	Station Name
S000-129	SUNRISE R. CSAH-9 AT SUNRISE
S000-301	N BR SUNRISE R AT MN-95, 4 MI E OF NORTH BRANCH
S001-419	N BR SUNRISE R AT MN-95 0.5 MI E OF NORTH BRANCH
S001-423	SUNRISE R AT MN-95 2.25 MI S OF SUNRISE

Project Summary

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Station ID	Station Name
S002-093	HAY CK AT CR-88, 5 MI E OF NORTH BRANCH
S002-094	N BRANCH SUNRISE R AT MN-95, 1.5 MI W OF NORTH BRANCH
S002-095	N BRANCH SUNRISE R AT CSAH-5 CROSSING, 4 MI W OF NO BRANCH
S002-096	N BRANCH SUNRISE R AT TUCKER ST NE, 1 MI W OF WEBER
S004-033	SUNRISE R, N BR AT CR-69, 3.3 MI SW OF SUNRISE, MN

Project SUPTRIB Restoring Impaired Superior Tributaries: Stormwater BMP

Start Date 02/01/2008 **Planned Duration** 40 Months

Purpose Urban Duluth streams are generally similar to the less developed watersheds of the North Shore with >70% forested, similar geology and hydrology, and in the case of Amity in particular, the potential for increased development pressure. Therefore, Duluth's streams can serve as suitable pilot-watersheds for evaluating restoration, mitigation and planning strategies for potential use in other more pristine, but developing, North Shore streams. Our primary goal is to coordinate with local agency remediation/BMP projects and the existing Chester, Kingsbury and Amity Creek automated water quality monitoring and public education effort carried out by the LakeSuperiorStreams.org (LSS) project to demonstrate their effectiveness at reducing stormwater runoff problems as indicated by upstream-downstream and before-after water quality and biological monitoring. Specific goals are to:

1. Determine BMP (see BMP descriptions below) effectiveness in improving water quality, sedimentation, bank erosion, and protection of benthic biological communities on Amity Creek and Miller Creek;
2. Initiate citizen volunteer BMP Monitoring (storm events; seasonal; benthic biological communities);
3. Use LakeSuperiorStreams.org to showcase project results.

Study Area Duluth area streams, Lake Superior Basin

Project Design Laboratory Name: Natural Resources Research Institute Central Analytical Lab

Sample Collection Method and Gear: grab with sampling pole and attached clean sampling bottle; multiple grabs are integrated into clean plastic carboy or bucket for distribution into analyte-specific container and for transparency tube measurement.

Field Measurements - Methods and Instrumentation: specific conductivity (EC@25), temperature and DO measured with Hydrolab Minisonde ; specific conductivity (EC@25), temperature and DO measured with YSI 85; 120 or 100 cm T-Tube.

Turbidimeter Make and Model Hach 2100P

Obtain Plan Local Project Coordinator:

Richard P. Axler
Natural Resources Research Institute, Univ. Minnesota-Duluth
5013 Miller Trunk Highway
218-720-4316
raxler@nrri.umn.edu

Assigned Stations

Station ID	Station Name
S004-950	AMITY CK, EB ABOVE CONFLUENCE WITH AMITY CK, WB IN DULUTH
S005-485	AMITY CR NEAR SKYLINE PKWY, N DULUTH, MN
S005-486	UNN STR TO AMITY CK, NE DULUTH, MN

Project Summary

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Station ID	Station Name
S005-487	MILLER CR SEDIMENT TRAP NR DECKER RD, W DULUTH, MN
S005-488	AMITY CK, E BR, IN AMITY PK, N DULUTH, MN

Project SWAN-S Swan River Headwater Lakes Monitoring Project

Start Date 04/01/2008 **Planned Duration** 2 Years

Purpose Surface Water Assessment

Study Area Swan River Watershed

Project Design Lab Information:
RMB Environmental Laboratories, Inc.

Field Procedure Information:
Sample Collection Method(s) and Gear(s) - Grab Samples at mid stream, using Van Dorn sampler, or new Brezinka Bottle sampler. Lake sites with Integrated sampler.
Field Measurements Methods and Instrumentation - pH, spec, cond., temp., and DO with YSI.

Turbidimeter Make and Model:
Probe Make and Model - YSI 600XL

Obtain Plan Local Project Manager:
Kitty Tepley
Todd SWCD
607 9th St. NE
Long Prairie, MN 56347
320-732-2644
kitty.tepley@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
77-0023	BIG SWAN
77-0027	LONG
S001-059	SWAN R AT CSAH-13 8 MI SE OF LONG PRAIRIE
S005-033	UNN STR AT E SIDE OF LONG LK, 2.1 MI NW OF BURTRUM, MN
S005-034	UNN STR AT E SIDE ON LONG LK, 2.4 MI NW OF BURTRUM, MN
S005-035	SCHWANKE CR AT MN-287, 4 MI NW OF BURTRUM, MN
S005-036	UNN STR AT E SIDE ON BIG SWAN LK, 2.8 MI WNW OF BURTRUM, MN
S005-037	UNN STR AT CSAH-13, 2 MI NW OF BURTRUM, MN
S005-039	UNN STR AT NW SIDE OF LADY LK, 3.5 MI SE OF BURTRUM, MN
S005-040	UNN STR AT S SIDE OF LADY LK, 3.9 MI NW OF BURTRUM, MN
S005-041	UNN STR AT W SIDE OF BIG SWAN LK, 3.8 MI WNW OF BURTRUM, MN
S005-042	UNN STREAM AT E SIDE OF LONG LK, 2.8 MI NW OF BURTRUM, MN

Project SWANTMDL Swan River TMDL

Start Date 01/01/1967 **Planned Duration** Four years

Purpose Swan River TMDL to monitor BOD, TSS, TDS, and pathogens such as fecal coliform.

Project Summary

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Study Area Swan River

Assigned Stations

Station ID	Station Name
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S001-991	SWAN R ON CSAH 6, 8 MILES E OF SWANVILLE, MN
S001-992	SWAN R ON EXPLORER DR, 1.4 MI NW OF SWANVILLE, MN
S001-993	SWAN R ON CSAH 12 IN SWANVILLE, MN
S001-994	SWAN R ON CR 222 IN SOBIESKI, MN
S001-995	MOLLY CR ON CR 104, 1.25 MI SW OF SWANVILLE, MN
S001-996	SWAN R ON SNTH 238, 3 MI SW OF LITTLE FALLS, MN
S001-997	SWAN R ON 80TH AVE. 2 MI SW OF SOBIESKI, MN
S002-377	LITTLE SWAN R AT CSAH-12, JUST E OF PILLSBURY
S002-378	SWAN R OUTLET ON FLICKER RD, JUST S OF PILLSBURY
S002-379	UNN TRIB OF SWAN R ON CSAH-13, 3.5 MI SW OF PILLSBURY
S003-869	IRISH CK AT MN-28, 2 MI NE OF SWANVILLE, MN

Project SWEEN-L Sweeney L Total Phosphorus TMDL Project

Start Date 04/02/2008 **Planned Duration** 06-30-2010

Purpose TMDL Development

This project is funded with CWLA funds for 2008 monitoring.

Project ID: 6196
Contract #: B12986

Project Design Sample Collection Methods: Previously submitted by Three River Park District

Field Measurements: Previously submitted by Three River Park District

Laboratory Information:

Three River Parks District
3000 Xenium Lane North
Plymouth, MN 55441
Contact Name: John Barten
763-694-7841
jbarten@threeriversparkdistrict.org

ERDC Eau Galle Aquatic Ecology Laboratory
W. 500 Eau Galle Dam Road
Spring Valley, WI 5467
Contact Name: William F. James
715-778-5896 (Office)
jamesw@svtel.net

Barr Engineering
4700 West 77th Street
Contact Name: James P. Herbert, P.E.
952-832-2784 (direct)
jherbert@barr.com

Assigned Stations

Station ID	Station Name
27-0035-01	SWEENEY-TWIN (SWEENEY BAY)
S004-807	UNN STR TO SWEENEY LK AT N END OF SHAPER PD IN GOLDEN

Project Summary

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Station ID
Station Name
VALLEY

Project SWEENEY Sweeney Lake Total Phosphorus TMDL Project

Start Date 02/01/2007 **Planned Duration** 03-31-2010

Purpose TMDL development

Project Design Sample Collection Methods: Previously submitted by Three River Park District
Field Measurements: Previously submitted by Three River Park District
Laboratory Information:
Three River Parks District
3000 Xenium Lane North
Plymouth, MN 55441
Contact Name: John Barten
763-694-7841
jbarten@threeriversparkdistrict.org
ERDC Eau Galle Aquatic Ecology Laboratory
W. 500 Eau Galle Dam Road
Spring Valley, WI 5467
Contact Name: William F. James
715-778-5896 (Office)
jamesw@svtel.net
Barr Engineering
4700 West 77th Street
Contact Name: James P. Herbert, P.E.
952-832-2784 (direct)
jherbert@barr.com

Assigned Stations

Station ID **Station Name**
27-0035-01 SWEENEY-TWIN (SWEENEY BAY)
S004-807 UNN STR TO SWEENEY LK AT N END OF SHAPER PD IN GOLDEN VALLEY

Project SWIFTCTY Swift County Water Quality Monitoring

Start Date 01/01/2002 **Planned Duration** 5 years

Purpose Condition monitoring to gather base line data.

Study Area Pomme de Terre R, Drywood Creek, MN River, Swift County

Project Design Sample Collection Method(s) and Gear(s): Grab with weighted bucket.
Sample Medium: Water column
Laboratory Information:
Era Laboratories
24 N 21st Ave West
Duluth, MN 55806
(218) 727-6380
info@eralabs.com
DHIA Laboratories
825 12th St. So., PO Box 227

Project Summary

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Project Design Sauk Centre, MN 56378
(320) 352-2028
mail@stearnsdhalab.com

Obtain Plan Rick Gronseth
Swift County SWCD
1430 Utah Avenue
Benson, MN 56215
(320) 843-2458
rick.gronseth@mn.nacdnet.net

Assigned Stations

Station ID	Station Name
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-782	MINNESOTA RIVER NEAR APPLETON
S001-695	POMME DE TERRE R AT HERING ST BRG IN APPLETON
S001-710	POMME DE TERRE R ON CSAH 20, 7 MI NW OF HOLLOWAY, MN
S001-725	POMME DE TERRE R AT US 59, 2.25 MI NE OF APPLETON, MN
S004-570	POMME DE TERRE R AT 190TH AVE, 4 MI NW OF HOLLOWAY
S004-571	POMME DE TERRE R AT CSAH-7, 7 MI N OF HOLLOWAY
S004-572	POMME DE TERRE R AT CSAH-22, 9 MI NW OF HOLLOWAY
S004-573	POMME DE TERRE R AT CSAH-36, 3 MI NE OF APPLETON
S004-574	DRYWOOD CK AT CR-55, 13 MI NW OF HOLLOWAY
S004-575	POMME DE TERRE R AT CR-56, 6 MI NW OF HOLLOWAY
S004-576	POMME DE TERRE R AT US-12 BRIDGE, 3 MI NE OF HOLLOWAY
S004-577	POMME DE TERRE R AT 185TH AVE, 6 MI NW OF HOLLOWAY
S004-578	DRYWOOD CK AT 190TH AVE, 11.5 MI NW OF HOLLOWAY
S004-579	POMME DE TERRE R, 70TH ST NW, 10 MI N OF HOLLOWAY
S004-580	POMME DE TERRE R ON CR-51 (BEFORE MARSH LK) 2 MI S APPLETON

Project T-TUBE 100 centimeter T-tube study

Start Date 05/01/2001 **Planned Duration** One year

Purpose Condition monitoring - monitoring was conducted as a special pilot study to determine the effectiveness of a longer, 100-cm t-tube for measuring water clarity in clear-running, northern Minnesota rivers.

Assigned Stations

Station ID	Station Name
S000-119	ST LOUIS R BRIDGE AT CSAH-7, 0.5 MI S OF FORBES
S000-176	CROW WING R. CSAH-1 AT PILLAGER
S000-286	SWAN RIVER AT JACOBSON
S001-326	CROW WING R AT BR ON CR-12 AT NIMROD
S001-330	PINE R AT PONTO TWNSP RD 3, 3.5 MI N OF CHICKAMAW BEACH, MN
S001-345	PINE RIVER BR ON PAUL BUNYON TR NEAR HWY 371, PINE RIVER, MN
S001-438	SWAN R 2 1/2 MI W OF JACOBSON, MN
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-635	MISSISSIPPI R USH169 BRIDGE IN GRAND RAPIDS

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S002-904	LONG PRAIRIE R ON BR AT RIVERSIDE DR, NW LONG PRAIRIE, MN
S002-960	STRAIGHT R AT US HWY 71, 3 MI S OF PARK RAPIDS, MN
S003-666	SWAN R AT CSAH-70, 3.5 MI SE OF COLERAINE
S003-667	PRAIRIE R AT US-169 BRG, 2 MI NE OF GRAND RAPIDS

Project TAMARAC Tamarac National Wildlife Refuge Baseline Water Quality Asmt

Start Date 05/01/2007 **Planned Duration** 2-5 years

Purpose Condition-Baseline assessment

The lake data was submitted by RMB Environmental Labs, Inc. for 2007 through the Citizen Lake Monitoring Program (CLMP). Stream data was not submitted by RMB, but it will be submitted by Tamarac NWR.

Study Area North Tamarac 03-0241-02 Site 101, 201; 2007 data at site 101
Pine Lake 03-0200, Site 101 201; 2007 data at site 201
Blackbird 03-0197 Site 201
Egg River 3 North Culverts outlet of Wilderness area (S004-775) (CSMP1503)
Ottetail River 4 - Hwy 35 (S004-776) (CSMP1504)
Egg River 1 Refuge Service Road (S004-777) (CSMP1501)
Egg River 2 Flat Lake Control Structure (S004-778) (CSMP1502)
Ottetail River 5 - Chippewa Culverts (S004-779) (CSMP1505)
Ottetail River 6 - Chippewa Control Structure (S004-780) (CSMP1506)
Ottetail River 7 - CR-126 (S004-781) (CSMP1507)
Buffalo River 8 - Duffney Rd (S004-782) (CSMP1508)

Project Design Sample Medium: Water column
Lab: RMB Environmental Lab, Inc., Detroit Lakes, Minnesota

Sample Collection Method(s) and Gear(s) - 2m - Integrated sampler for lakes, grab sample with weighted bucket for river samples. YSI Sonde 600XL will be used in 2008.

Field Measurements - Methods and Instrumentation - Basic MPCA citizen monitoring for rivers and lakes. In 2007, refuge staff and volunteers participated in MPCA's Citizen Lake and Citizen Stream monitoring programs and gathered basic monthly assessments for total phosphorus, ortho-phosphorus, chlorophyll-a on three refuge lakes. Monthly assessments were gathered for total suspended solids, nitrate-nitrite, total phosphorus and ortho-phosphorus for seven stream sites. In July, TKN, NO₃, TS inorganics, alkalinity, chloride, color, turbidity, and P/N ratio was analyzed once for each of the 3 lakes. All chemical analysis was conducted by RMB Environmental Laboratories, Inc. In 2008, DO, pH, specific conductivity and temp. will be monitored on the stream and lake sites as well.

Obtain Plan Wayne Bringer
U.S. Fish & Wildlife Service
Tamarac National Wildlife Refuge
35704 Co. Rd 26
Rochert, MN 56578
(218) 847-2641
wayne_bringer@fws.gov

MPCA Project Manager:
Bruce Paakh
Minnesota Pollution Control Agency
Detroit Lakes Office
714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-0747
bruce.paakh@pca.state.mn.us

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Assigned Stations

Station ID	Station Name
03-0197	BLACKBIRD
03-0199	JOHNSON
03-0200	PINE
03-0206	UPPER EGG
03-0209	CARMAN
03-0213	WABOOSE
03-0216	WINTER (LOST)
03-0235	MALLARD
03-0241-01	SOUTH TAMARACK
03-0241-02	NORTH TAMARACK
03-0242	FLAT
S004-775	EGG R AT EGG LK TRAIL CULVERT, 19.5 MI NE OF DETROIT LAKES
S004-776	OTTER TAIL R AT CSAH-35 BRG, 20 MI NE OF DETROIT LAKES
S004-777	EGG R TO OTTER TAIL R AT BRUCE BLVD, 15 MI NE DETROIT LAKES
S004-778	EGG R AT FLAT LAKE CONTROL SITE 2, 15.5 MI NE DETROIT LAKES
S004-779	OTTER TAIL R AT CHIPPEWA LK, 15.8 MI NE OF DETROIT LKS, MN
S004-780	OTTER TAIL R AT TRAIL, 14.5 MI NE OF DETROIT LKS, MN
S004-781	OTTER TAIL R AT CR-126, 14.4 MI NE OF DETROIT LKS, MN
S004-782	BUFFALO R AT DUFFNEY RD, 9.8 MI NE OF DETROIT LKS, MN

Project TEACRKER Tea Cracker Lake Monitoring Study

Start Date 04/08/2008 **Planned Duration** 1 YEAR

Purpose Condition. This is a baseline water quality and biological and shoreline characteristics study.

Study Area Tea Cracker Lake, DNR Lake ID #03-0157

Project Design Laboratory: RMB Environmental Lab, Detroit Lakes

Field Procedure Information:
Sample collection method(s) and gear(s) - grab with 2 meter integrated sampler

Obtain Plan Dr. Patrick Welle
Bemidji State University
Department of Economics
1500 Birchmont Dr, Box 30
Bemidji, MN 56601
(218) 755-3873
pwelle@bemidjistate.edu

MPCA Project Manager:
Tim James
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(218) 846-0749
tim.james@pca.state.mn.us

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Assigned Stations

Station ID	Station Name
03-0157	TEA CRACKER

Project TENMILE Ten Mile Lake Association Monitoring

Start Date 01/01/1987 **Planned Duration** 12-31-1993

Purpose Condition
Funding through sources other than MPCA

Study Area Ten Mile Lake

Project Design Field Data Only -
Hydrolab

Obtain Plan Lead Organization Name: Ten Mile Lake Association
Local Project Coordinator: Bruce Carlson

Assigned Stations

Station ID	Station Name
11-0413	TEN MILE

Project THIEFSED Thief River Watershed Sediment Investigation

Start Date 04/01/2007 **Planned Duration** 3-4 years

Purpose Verification of impairment, development of sediment budgets, problem investigation. An effort will be made to separate data from this study and data from the Red Lake Watershed District monitoring program. However, since sites 40, 760, 98, 757 and 15 are also part of the CWPREDLK project (RLWD long-term quarterly monitoring program), there is a small chance that the same data points could be submitted for both projects.

Contract #A97860

Contract Number: A97860

Study Area Statewide

Project Design Sample Collection Method(s) and Gear(s): Hand dip in shallow water. Van Dorn sample bottle in deep water.

Field Measurements - Methods and Instrumentation: pH, specific conductivity, temperature, dissolved oxygen with multiprobes (Eureka, Hydrolab and YSI). Turbidity with Eureka Manta and HACH 2100P. Transparency with transparency tube.

Turbidimeter Make and Model: HACH 2100P
Gage Type: Tape Down, Staff Gauges (where installed), USGS gauging station (...760).
Probe Make and Model Eureka Manta (CH), Hydrolab Datasonde 4 (KF), YSI 600 QS (JK, LN).
Lab: RMB Environmental

Obtain Plan Corey Hanson
Red Lake Watershed District
102 Main Avenue North
PO Box 803
Thief River Falls, MN
218-681-5800
coreyh@wiktel.com

MPCA Project Manager:

Project Summary

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Minnesota Pollution Control Agency

Obtain Plan Jim Courneya
Minnesota Pollution Control Agency
Detroit Lakes Office
714 Lake Avenue, Suite 220
Detroit Lakes, MN 56501
(218) 846-0735
jim.courneya@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S002-078	MUD R, ON MN-89 BRIDGE, 6 MI NW OF GRYGLA
S002-079	THIEF R, 1 MI E CSAH-32, HILLYER BRG, 4 MI N THIEF R FALLS
S002-084	THIEF R ON CSAH-49 BRG, 10 MI NE OF MIDDLE RIVER
S002-088	THIEF R ON CSAH-7 BRG IN AGASSIZ NWR, 6 MI E OF HOLT
S002-089	MOOSE R ON MN-89 BRG, 16 MI NW OF GRYGLA
S003-947	RED LAKE R KRATKA BRG ON CSAH-22, 9 MI SE THIEF RIVER FALLS
S004-052	THIEF R AT RANGELINE RD BRG (CSAH-12), 4.5 MI SE OF HOLT
S004-055	THIEF RIVER, NORTH END THIEF RIVER RD, 9 MI E MIDDLE RIVER
S004-211	CULVERT ON MOOSE R (JD-21) ON CSAH-54, 10.5 MI NO OF GRYGLA
S004-493	JD#11 (BRANCH 200) AT 190TH AVE NE CULVERT XING 6 MI SE HOLT
S004-494	CD #20 AT 180TH AVE NE XING, 8 1/4 MI NE OF THIEF R FALLS
S004-495	THIEF R AT CR-44 XING, 6 1/4 MI N OF THIEF R FALLS
S004-496	JD #11 (BRANCH 1) AT THE NORTHGATE RD XING IN AGASSIZ NWR
S004-497	AGASSIZ POOL (MUD LK) RADIAL GATE OTLT TO JD11, AGASSIZ NWR
S004-498	JD#11 (MAIN CHNL) AT THE 290TH AVE NE XING, EAST AGASSIZ NWR
S004-499	JD #11 (BRANCH 200) 290TH AVE NE, EAST BOUNDARY AGASSIZ NWR

Project THREERIV Three Rivers Park District

Start Date 05/01/1994 **Planned Duration** on-going

Document/Graphic TRPD QA Manual 3-02-07 [Document/Graphic](#)

Purpose Condition monitoring (long-term trend)

Project Design

Obtain Plan

Assigned Stations

Station ID	Station Name
10-0041	ZUMBRA-SUNNY
10-0044-01	AUBURN (WEST BAY)
10-0045	STEIGER
10-0056	STONE
27-0035-01	SWEENEY-TWIN (SWEENEY BAY)
27-0042-02	TWIN (MIDDLE BAY)

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Minnesota Pollution Control Agency

Station ID	Station Name
27-0048	HYLAND
27-0061	CHAMPLIN MILL POND
27-0062-01	ANDERSON (N. BAY)
27-0062-03	ANDERSON (SW BAY)
27-0067	BRYANT
27-0098	BASS
27-0099	CAMELOT (MUD)
27-0100	POMERLEAU
27-0102	SCHMIDT (SMITH)
27-0104	MEDICINE
27-0107	PARKERS
27-0111-01	EAGLE/PIKE (EAGLE BAY)
27-0111-02	EAGLE/PIKE (PIKE BAY)
27-0117	WEAVER
27-0118	FISH
27-0120-02	COOK (SOUTH)
27-0125	DIAMOND
27-0127	FRENCH
27-0133-01	MINNETONKA (GRAYS BAY)
27-0133-02	MINNETONKA (LOWER LAKE)
27-0133-04	MINNETONKA (ST.ALBANS BAY)
27-0133-05	MINNETONKA (UPPER LAKE)
27-0133-09	MINNETONKA (HALSTEDS BAY)
27-0133-10	MINNETONKA (CRYSTAL BAY)
27-0133-11	MINNETONKA (MAXWELL BAY)
27-0133-12	MINNETONKA (STUBBS BAY)
27-0133-13	MINNETONKA (N. ARM)
27-0133-14	MINNETONKA (W. ARM)
27-0133-15	MINNETONKA (JENNINGS BAY)
27-0138	PEAVEY
27-0139	FOREST
27-0149	SPURZEM
27-0152	HALF MOON
27-0154	KATRINA
27-0176	INDEPENDENCE
27-0179-02	LITTLE LONG (S BAY)
27-0184-01	WHALETAIL (N. BAY)
27-0184-02	WHALETAIL (S. BAY)
27-0191-01	SARAH (WEST BASIN)
27-0191-02	EAST SARAH (EAST BASIN)
27-0192	REBECCA
27-0711	WESTWOOD
27-0734	UNNAMED (CRANE)
70-0010	MURPHY

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
70-0011-02	UNNAMED (SOUTH PORTION)
70-0022	CLEARY
70-0054	SPRING
70-0069	FISH
70-0072	UPPER PRIOR
S002-719	DANCE HALL CK AT LK SARAH 2.2 MI NW OF LORETTO
S002-725	LORETTO CK AT CR-11 .8 MI W OF LORETTO
S004-344	ZUMBRO R, MID FK, 3 MI SE OF ORONOCO, MN
S004-349	LITTLE NOKASIPPI R AT CR-122, 9.5 MI NW OF HARDING, MN
S005-342	UNN STR RECEIVING WTR FROM MEDICINE LK IN PLYMOUTH
S005-343	UNN STR ALONG 36TH AVE N, W OF MISSION FARMS IN PLYMOUTH
S005-344	UNN STR (WOOD CK) JUST NE OF MEDICINE LK BLVD IN PLYMOUTH
S005-345	POND OUTLET AT 18TH AVE IN PLYMOUTH
S005-346	UNN CK (PLYMOUTH CK) JUST W OF FERNBROOK LN N IN PLYMOUTH
S005-347	STORM SEWER OTLT TO PARKERS LK ON S SIDE OF CSAH-6
S005-348	BASSETT CK (MEDICINE LK OTLT) AT S SHORE DR IN GOLDEN VALLEY
S005-349	UNN STR JUST N OF 26TH AVE AND W OF US-169 IN PLYMOUTH
S005-350	STORMWATER PIPE BY E MEDICINE L PK, JUST N OF 17TH AVE
S005-351	UNN STR (PLYMOUTH CK), JUST E OF TEAKWOOD LN IN PLYMOUTH
S005-352	UNN STR (PLYMOUTH CK) AT MEDICINE LK DR W IN PLYMOUTH
S005-353	UNN STR (RIDGEDALE CK) JUST N OF MN-55 IN PLYMOUTH
S005-354	STORM SEWER INLET TO PARKERS LK IN PLYMOUTH
S005-355	STORM SEWER ALONG 21ST AVE W OF FERNBROOK LN IN PLYMOUTH
S005-356	STORM SEWER OTLT TO PLYMOUTH CK, N OF INDUSTRIAL BLVD

Project	THRTYLWD	Thirty Lakes Watershed District
	Start Date	01/01/1976
	Planned Duration	Long-term
	Purpose	Condition monitoring quality of lakes.
	Study Area	Lakes located within Thirty Lakes Watershed District boundaries
Project Design	A.W. Research Laboratories, Inc.	
	Sample Collection Method and Gear: Integrated Sampler	
Obtain Plan	Local Project Manager:	
	Tasha Lauer Thirty Lakes Watershed District 17064 Commercial Park Rd 218-828-0243 lakeswsd@brainerd.net	

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Assigned Stations

Station ID	Station Name
18-0250	UNNAMED
18-0251-01	HORSESHOE (E. BAY)
18-0251-02	HORSESHOE (W. BAY)
18-0252	YOUNG
18-0256	BASS
18-0257	EAST TWIN
18-0258	WEST TWIN
18-0259	BONNIE
18-0304	PERCH
18-0305	EDWARD
18-0308	PELICAN
18-0323	SORENSEN
18-0324	LITTLE MARKEE
18-0325	STEVENS
18-0326	UNNAMED (MUD)
18-0327	RICE
18-0328	JOHNSON
18-0329	GARDEN
18-0330	UNNAMED
18-0331	UNNAMED
18-0332	GUIDA
18-0333	UNNAMED
18-0334	MALLARD
18-0335	MOLLIE
18-0336	TWIN
18-0337	UNNAMED
18-0338	GLADSTONE
18-0339	MOODY
18-0340	LITTLE HUBERT
18-0341	CRYSTAL
18-0342	LOUGEE
18-0343	MARKEE
18-0347	LYNCH
18-0348	SHAFFER
18-0350	UNNAMED (DOUGLAS)
18-0351	LITTLE PELICAN
18-0372	NORTH LONG
18-0374	CLARK
18-0375	HUBERT
18-0389	MOBERG
18-0390	UNNAMED
18-0392	HARTLEY
18-0402	BASS

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
18-0557	UNNAMED
18-0593	UNNAMED
18-0748	UNNAMED (L.DOUGLAS)

Project TITLOW-S Surface Water Assessment of Lake Titlow

Start Date 03/10/2008 **Planned Duration** 2 years

Purpose Condition: Inflow and in-lake surface water monitoring to complete STORET data fields needed to complete supporting or non-supporting status of Lake Titlow.

Project Design Sample Collection Methods: 1. Portable automated sampler with intake port positioned at approximately 0.6 water depth and triggered by stage and/or time for inlet samples; 2. Swing sampler grab samples for inlet samples when automated samplers fail to trigger or malfunction; 3. Peristaltic pump for depth-integrated in-lake samples.

Field Measurements: pH--YSI Ecosense 10; Temp, DO, Turb, Chl-a and Sp. Cond.-Hydrolab Datasonde 4a; water transparency-Secchi Disk (in lake) and transparency tube (in stream).

Laboratory Information:

Minnesota Valley Testing Laboratories, Inc.
1126 N. Front Street
New Ulm, MN 56073

Contact Name:

Jerry Balbach
800-782-3557
jbalbach@mvtl.com

Assigned Stations

Station ID	Station Name
72-0042	TITLOW
S004-960	UNN STR (LK TITLOW INLET) AT 250TH AVE, 2 MI NE OF GAYLORD
S004-961	JD18 (RUSH R, NB) AT 481ST AVE, 2 MI NW OF GAYLORD
S004-962	CD18 AT 481ST AVE, 1 MI NW OF GAYLORD

Project TRACEMTL Ambient Trace Metals

Start Date 01/01/1996 **Planned Duration** Long-term

Purpose The Ambient Trace Metals Program is a condition monitoring program that began in 1996 to assess total and dissolved fraction concentrations of arsenic, cadmium, chromium (added in 2003), copper, lead, mercury, nickel and zinc (added in 1997) in Minnesota's river basins using improved sampling and analysis techniques.

Study Area Statewide

Assigned Stations

Station ID	Station Name
03-0102	SHELL
03-0200	PINE
03-0241-02	NORTH TAMARACK
09-0038	HANGING HORN
10-0002	RILEY

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
10-0048	WASSERMANN
21-0145	CHIPPEWA
21-0180	MILL
21-0216	WHISKEY
21-0291	RED ROCK
25-0001	PEPIN
27-0016	HARRIET
27-0184-02	WHALETAIL (S. BAY)
29-0025	NINTH CROW WING
29-0032	BIG BASS
29-0045	TENTH CROW WING
29-0061	GARFIELD
29-0217	PAINE
29-0254	ISLAND
38-0033	NINEMILE
38-0047	WILSON
38-0068	WINDY
38-0666	SLATE
56-0749	CRYSTAL
56-0786	PELICAN
62-0007	GERVAIS
62-0054	McCARRON
62-0056	OWASSO
69-0003	BIRCH
69-0371	WILD RICE
69-0372-01	ISLAND RSVR. (W. BASIN)
69-0373	BOULDER (ORCHARD)
69-0375	WHITEFACE RESRVOIR
69-0491-01	FISH LK FLOWAGE (MAIN BASIN)
69-0684	MUKOODA
69-0685	O'LEARY
69-0756	TOOTH
69-0833	PEARY
69-0835	UNNAMED (RYAN)
69-0839	BROWN
69-0843	EK (LEIF)
69-0994	W TWO RIVERS RESERVOIR
82-0001	ST. CROIX
82-0115	TANNERS
S000-003	CANNON RIVER AT BRIDGE ON CSAH-7 AT WELCH
S000-004	CROW RIVER AT BRIDGE ON CSAH-36 AT DAYTON
S000-006	OTTER TAIL R BRIDGE ON 4TH ST N AT BRECKENRIDGE
S000-012	RED RIVER AT BR ON CSAH-18 0.5 MI W OF BRUSHVALE
S000-013	RED LAKE R DNST OF MN-220 BR IN EAST GRAND FORKS

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S000-017	SAUK RIVER DNSTRM OF BR ON CSAH-1 AT SAUK RAPIDS
S000-019	ST. CROIX R DNSTRM OF MN-212 BR IN STILLWATER
S000-020	ST CROIX R. AT TAYLORS FALLS
S000-021	ST LOUIS RIVER AT BRIDGE ON MN-23 AT FOND DU LAC
S000-023	ST. LOUIS R BRIDGE ON US-2, 2 MI SE OF BROOKSTON
S000-026	MISSISSIPPI R AT 9TH AVE BRG (OLD MN-15) AT SAUK RAPIDS
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-040	MINNESOTA RIVER AT MN-19 BRIDGE AT HENDERSON
S000-041	MINNESOTA RIVER AT BRIDGE ON MN-22 AT ST. PETER
S000-043	RUM RIVER BRIDGE ON CSAH-5, 0.5 MI W OF ISANTI
S000-047	STRAIGHT R NEAR CSAH-1 1 MI SE OF CLINTON FALLS
S000-054	MINNESOTA R CSAH-24 BRIDGE, 1 MI S OF COURTLAND
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-056	ST. CROIX R AT MN-48 BR, 3.5 MI W OF DANBURY, WI
S000-065	ROOT RIVER AT BRIDGE ON MN-26 3 MI EAST OF HOKAH
S000-067	MISSISSIPPI R UNDER US-14 BRIDGE AT LA CROSSE
S000-068	MISSISSIPPI RIVER AT LOCK AND DAM #2 AT HASTINGS
S000-069	WINTER ROAD RIVER MN-11 BRIDG 4 MI W OF BAUDETTE
S000-091	RED RIVER AT BRIDGE ON MN-11, WEST OF ROBBIN
S000-095	MISSISSIPPI R LOCK & DAM #6 AT TREMPLEAU, WIS
S000-097	ROCK RIVER BR ON STATELINE RD 10 MI S OF LUVERNE
S000-099	PIPESTONE CREEK BR ON N LINE OF S24 (T106N/R47W)
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-111	OTTER TAIL R BR ON CSAH-15 WEST OF FERGUS FALLS
S000-113	RED RIVER AT BRIDGE ON CSAH-39, 1 MI W OF PERLEY
S000-115	ROSEAU RIVER CR-53 AT CARIBOU
S000-121	KETTLE R BRIDGE ON MN-48, 4.5 MI E OF HINCKLEY
S000-132	MISSISSIPPI R LOCK & DAM #3, 5 MI NW OF RED WING
S000-133	MISSISSIPPI R. S OF ST. PAUL
S000-134	BLUE EARTH RIVER IN SIBLEY PARK AT MANKATO
S000-135	BLUE EARTH RIVER AT CSAH-4, 4 MI S OF BLUE EARTH
S000-136	CEDAR RIVER AT CSAH-4, 3 MILES SOUTH OF AUSTIN
S000-137	CEDAR RIVER AT CSAH-2, 0.5 MILES EAST OF LANSING
S000-139	COTTONWOOD R AT MN-15, 0.5 MI SE OF NEW ULM
S000-141	EAST FORK DES MOINES R AT MN-263, 2 MI NE CEYLON
S000-142	FOUNTAIN L-USH-46 AT ALBERT LEA
S000-148	MISSISSIPPI RIVER AT BR ON MN-24 AT CLEARWATER
S000-151	MISSISSIPPI RIVER AT BR ON MN-115 AT CAMP RIPLEY
S000-152	MISSISSIPPI R. N. OF CROSBY
S000-153	MISSISSIPPI RIVER AT JACOBSON
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG
S000-159	YELLOW MEDICINE R MN-67 BR 7 MI SE GRANITE FALLS
S000-163	WATONWAN R BR ON CSAH-13, 1 MI W OF GARDEN CITY
S000-171	BLUE EARTH RIVER BY RAPIDAN DAM

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Station ID	Station Name
S000-173	BIG FORK RIVER BRIDGE ON MN-11, 4 MI E OF LOMAN
S000-179	LITTLE FORK R MN-11 BRIDGE, 0.5 MI W OF PELLAND
S000-181	PINE RIVER CSAH-11,N. OF CROSBY
S000-182	RAINY R AT ACCESS OFF SHOREWOOD DR W OF I'FALLS
S000-183	RED RIVER BR ON MAIN AVE AT 3RD ST., IN MOORHEAD
S000-184	RAPID RIVER AT BRIDGE ON MN-11 AT CLEMENTSON
S000-185	SNAKE RIVER AT BRIDGE ON MN-220 N OF BIG WOODS
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-197	SUPERIOR BAY-AERIAL BR AT DULUTH
S000-198	SNAKE R BRIDGE AT CSAH-9, 2 MI NE OF PINE CITY
S000-221	MISSISSIPPI RIVER AT BR ON MN-25 AT MONTICELLO
S000-222	CEDAR RIVER ON CSAH-5 4.5 MI NW OF LYLE
S000-240	OKABENA CREEK AT CSAH-14, 2 MILES SE OF BREWSTER
S000-251	BRULE R UPSTRM OF US-61 AT JUDGE CR MAGNEY PARK
S000-252	BEAVER R SOUTH OF CSAH-3 1.5 MI NW OF BEAVER BAY
S000-257	KNIFE RIVER UPSTREAM OF OLD US-61 AT KNIFE RIVER
S000-258	LESTER R ABOVE SUPERIOR ST., LESTER PK AT DULUTH
S000-261	POPLAR R BETWEEN FOOT BRIDGES AT LUTSEN LODGE
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-277	ST. LOUIS BAY BELOW I-535 BRIDGE AT SUPERIOR, WI
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S000-288	WHITEWATER R S FK N OF CR-115 3.5 MI NW OF UTICA
S000-291	CENTER CK BETWEEN S34/35, 1 MILE NE OF FAIRMONT
S000-299	REDWOOD R AT BRIDGE ON CSAH-101 AT NORTH REDWOOD
S000-300	STRAIGHT R.CSAH-45 CLINTON FALLS
S000-301	N BR SUNRISE R AT MN-95, 4 MI E OF NORTH BRANCH
S000-310	MINNESOTA R AT MCES SITE OFF THE SE END OF RUNWAY 12L/30R
S000-339	MISSISSIPPI R SHIELY CO. DOCK, GREY CLOUD ISLAND
S000-340	LESUEUR R MN-66 1.5 MI NE OF RAPIDAN
S000-557	RED R OF THE N AT FT DAER PK LANDING IN PEMBINA
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S000-676	HIGH ISLAND CR., CSAH-6 BY HENDERSON
S000-718	RAINY R IN S25SWQSWQ BTN FORT FRANCIS & JAMESON
S000-740	MINNESOTA R ON USH-59/212 .8 MI SW OF MONTIVIDEO
S000-741	MINNESOTA R.,CSAH-14 BY WATSON
S000-777	LITTLE COTTONWOOD R.,SH-68 BY CAMBRIA
S000-820	S FK ZUMBRO R ON CSAH-7 3.4 MI SE OF MAZEPPA
S000-822	RUSH RIVER, SH-93 BY HENDERSON
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S000-946	BAUDETTE RIVER DOWNSTREAM OF MN-11 AT BAUDETTE
S001-011	SHELL ROCK R AT MN-65 1 MI SE OF GLENVILLE
S001-121	CENTER CK 25 FT ABV FAIRMONT WWTP DISCHARGE

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Minnesota Pollution Control Agency

Station ID	Station Name
S001-155	WILD RICE RIVER BRIDGE AT CSAH-29 AT TWIN VALLEY
S001-156	S BR YELLOW MEDICINE R AT CSAH-10, AT MINNEOTA
S001-210	UNN TRIB TO BIG COBB R, SH22 .5 MI N BEAUFORD
S001-222	RED RIVER AT BRIDGE 50' UPST RED LK R CONFL
S001-223	SUNRISE R RD CULVERT 400' UP INLET BIG COMFORT
S001-230	VERMILLION R AT HWY 68 BRG, 3/4 MI NE OF ETTER
S001-231	BLUE EARTH RIVER 150 FT DNST OF RAPIDAN DAM
S001-235	NEMADJI R. 70 YD. DNST. OF CO. RD C, WI.
S001-236	MISS R AT LAMBERTS LANDING, ST. PAUL
S001-238	MISSISSIPPI R DNST OF HASTINGS RR BR
S001-282	COBB R AT CONFL WITH LESUEUR R
S001-727	SNAKE R AT CSAH 18, 2.35 MI SE OF MCGRATH, MN
S001-759	MINNESOTA R AT CSAH 42 AT JUDSON
S001-960	RAINY R, DOCK AT END OF ANCHOR BAY ROAD, 3 MI NW OF BAUDETTE
S001-961	RAINY R, DOCK AT PUBLIC ACCESS OFF MN-172 IN WHEELER'S PT
S001-962	BLACK R, 0.1 MI N OF MN-11 BR AT CAMPGROUND, JUST E OF LOMAN
S001-963	MISSISSIPPI RIVER 2.5 MI NW OF HASTINGS
S001-964	RAINY R BY CR-85 BELOW RAPIDS 2 MI NE OF BIRCHDALE
S001-965	BOWSTRING R 3 MI SW OF DORA LK, MN
S001-998	CROW WING R, 500 FT UPSTRM OF MN-210 BRG, .5 MI N OF MOTLEY
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-011	MISSISSIPPI R, BOAT LANDING AT HIDDEN FALLS PARK IN ST. PAUL
S002-012	HAWK CK AT CR 52 BR, 6.5 MI SE OF GRANITE FALLS
S002-324	RED LK R 100 FT UPST OF FTBR IN LB HARTZ PK IN THIEF R FALLS
S002-325	RED R 250 FT UPST OF MN-1 BR, W OF OSLO IN N. DAKOTA
S003-574	LITTLE COBB NEAR CSAH-16, 6.3 MI W OF PEMBERTON, MN
S003-860	LE SUEUR R AT CSAH-8, 5.1 MI SSE OF MANKATO, MN
S004-102	KETTLE R, WB AT MN-73, 4 MI NW OF KETTLE R
S004-103	SNAKE R .5 MI N OF CR-118, 9 MI E OF PINE CITY
S004-104	LOWER TAMARACK R ON UNN RD, 5.5 MI SE OF KERRICK
S004-127	ST. CROIX R AT LIONS PARK, 1 MI N OF ST. CROIX FALLS, WI
S004-130	MINNESOTA R AT MN-99 IN ST. PETER, MN
S004-141	MISSISSIPPI R, 0.2 MI DWNSTRM OF FORD PARKWAY IN ST. PAUL
S004-977	MISSISSIPPI R AT FISHING PIER AT POINT PARK IN RED WING
S005-119	ROOT R, NB AT 300TH ST., 4.5 MI N OF DEXTER

Project TRRLR-S Quality of Drainage Entering the Thief & Red Lk Rivers SWAG

Start Date 03/01/2008 **Planned Duration** 2 years

Project Summary

March 03, 2009 12:28:21

MNPCA1

Minnesota Pollution Control Agency

Purpose Investigation to determine if the Thief and Red Lake Rivers are affected by the legal ditch systems.

Contract Number B12445

Study Area Judicial Ditch #30 entering the Thief River
County Ditches #70 and #21 entering the Red Lake River

Project Design Sample Medium: Water Column

Lab: RMB Lab, Detroit Lakes, MN

Sample Collection Method(s) and Gear(s): Grab with Van Dorn Sampler

Field Measurements - Methods and Instrumentation: pH, spec. cond, temp, DO, TDS, YSI Sonde 600XLM V2; transparency, t-tube; turbidity, Hach 2100P

Turbidimeter Make and Model: Hach 2100P

Gage Type: Tape
Probe Make and Model: YSI 600 XLM V2

Obtain Plan Rachelle Winter
Pennington SWCD
201 Sherwood Ave So.
Thief River Falls, MN 56701
(218) 683-7075
rachelle.winter@mn.nacdn.net

MPCA Project Manager:
Johanna Schussler
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
651-282-6411
johanna.schussler@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S004-964	UNN STR (CD#70 CLVRT) 1/2 MI E OAKLAND PARK RD THIEF R FALLS
S004-965	UNN STR (CD#21) AT CSAH-17 BRG, 2 MI NE OF ST. HILAIRE
S004-966	UNN STR (JD#18/JD#30) AT 140TH AVE BRG 3 MI NO THIEF R FALLS

Project TURTLECK Turtle Creek

Start Date 04/01/2007 **Planned Duration** Long term

Purpose Condition/Assessment

Project Design Sample Collection Methods and Gear: Grab with weighted bucket

Field Measurements - Methods and Instrumentation: T-tube

Obtain Plan Citation for Plan:

Tiffany Schauls
MPCA Rochester Office
18 Wood Lake Drive SE
Rochester, MN 55904

Project Summary

March 03, 2009 12:28:21

MNPCA1

Minnesota Pollution Control Agency

Obtain Plan tiffany.schauls@pca.state.mn.us
507/285-7291

Assigned Stations

Station ID	Station Name
S004-429	DEER CK AT 270TH ST BRG, 1 MI S OF MAPLE ISLAND
S004-430	TURTLE CK AT CSAH-30 BRG, 1.2 MI S OF MAPLE ISLAND
S004-431	UNN STR (RICE L BR) AT CSAH-30, 2.5 MI S OF MAPLE ISLAND
S004-432	TURTLE CK (JD24) AT 43RD ST BRG, 2 MI NW OF AUSTIN

Project TUTTLE-S Tuttle Lake Watershed Assessment Project

Start Date 06/01/2008 **Planned Duration** 2 years

Purpose The intent of the project is to provide an inventory of resource needs and fill in gaps in water quality data within the East Fork Des Moines River Watershed. While Lake Okamenpeedan is the primary water body of concern, the entire East Fork Watershed in Minnesota will be assessed. Grab samples will be taken every other week at the same time Iowa watershed samples are taken.

Project Design Sample Collection Methods:
Grab with pole

Field Measurements:
pH, DO, temp, transparency with tube, tape down.

Lab Information:
Minnesota Valley Testing Lab
1126 N. Front St.
New Ulm, MN 56073
Contact Name: Nina
1-800-782-3557

Assigned Stations

Station ID	Station Name
S005-024	JD #50 ON 70TH ST., 1.5 MI S OF SHERBURN
S005-025	JD #36, JUST E OF THE NTERSECTION OF 150TH AVE AND 70TH ST
S005-027	CD #11 ON 70TH ST., 5 MI SE OF SHERBURN
S005-078	CD #53, .25 MI S OF MN/IA BORDER, BTWN 80TH AND 90TH AVES

Project TWIN_SCW Twin Lakes TMDL of Shingle Creek Watershed (SCWMO)

Start Date 05/01/2003 **Planned Duration** 09-30-2005

Purpose Twin Lakes TMDL of the Shingle Creek Watershed will develop a TMDL for the North Twin, Middle Twin and South Twin Lakes.

Study Area Twin (Middle Bay) 27-0042-02, Twin (South Bay) 27-0042-03, and Twin (North Bay) 27-0042-01.

Project TWORWD Two River Watershed District Water Quality Monitoring

Start Date 06/01/1991 **Planned Duration** Ongoing

Purpose Baseline Water Quality monitoring to determine the general water quality within selected river reaches, coulees and ditch systems

Project Summary

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Study Area Lands within the Two Rivers Watershed District, located in Kittson County and western Roseau County, Minnesota

Obtain Plan The principal investigator for the project is:

Dan Money
Two Rivers Watershed District
410 South 5th Street
Suite 112
Hallock, MN 56728
218-843-3333
daniel.money@mn.usda.gov

Assigned Stations

Station ID	Station Name
S000-186	TWO RIVERS ON US-75, 1 MI N OF HALLOCK
S000-569	TWO RIVERS N BR ON CSAH-16 7.1 MI W OF HALLOCK
S002-359	JOE R AT CSAH-16, 5 MI NE OF ST. VINCENT
S002-360	TWO RIVERS, MID BR AT US-59, 4 MI NW OF LAKE BRONSON
S002-361	SD 72 AT 170TH AVE, 10 MI N AND 3 MI W OF GREENBUSH
S002-362	NERESON IMPNDMNT OUTLT, 8 MI S, THEN 2 MI E OF BADGER
S002-363	CD 13 (SKUNK CR) AT OLD MN HWY 11 BR, 1.5 MI NE OF BADGER
S002-364	TWO RIVERS, S BR AT MN-11 AT PELAN
S002-365	TWO RIVERS, S BR AT US-59 AT LAKE BRONSON
S002-366	UNN COULEE AT 200TH AVE, 5 MI W AND 2 MI N OF KENNEDY
S002-367	UNN COULEE ON 170TH AVE, 1.5 MI N OF CSAH 7, 8 MI W OF KENNEDY
S002-368	TWO RIVERS, N BR AT CSAH-6, JUST W OF LANCASTER
S002-369	TWO RIVERS, N BR, 1.5 MI E OF CSAH-4, 8 MI NE OF LANCASTER
S002-370	TWO RIVERS, N BR, AT US-75 AT NORTHCOTE
S002-371	CO DTCH 13 ON 270TH AVE, 1 MI W OF CSAH-3, 1.5 MI N OF BADGER
S002-372	ST DT 84 AT SKULL L WLDLF M.A., 5 MI N & 3.5 MI E OF LANCASTER
S002-373	TWO RIVERS, S BR (ST. DTCH 91) 1 BLOCK W OF MN-32 IN GREENBUSH
S002-374	CTY DTCH 13 AT MN-308, 7 MI W OF ROSEAU
S002-375	CTY DTCH 13 JUST S OF CR-114, 9 MI SW OF ROSEAU
S002-376	TWO RIVERS, M BR (CTY DTCH 15), 3 MI N & 8 MI E OF LK BRONSON
S002-437	UNN COULEE 1.6 MI SW OF MATTSON, MN
S002-438	SALT COULEE ON CR-16/55, 2.9 MI N OF HUMBOLDT, MN
S002-439	JOE R AT CR-16/55, 2.9 MI N OF HUMBOLDT, MN

Project UCANN-L Upper Cannon Lakes Excess Nutrients TMDL Project

Start Date 07/01/2008 **Planned Duration** 3 years

Purpose Excess Nutrient TMDL

Study Area Jefferson-German Lake Chain and Lake Volney in LeSueur County, MN

Project Design Sample Collection Methods:

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Project Design Grab, van Dorn sampler (lakes)

Field Measurements:

Temperature, pH, Conductivity and dissolved oxygen with a HydroLab; Secchi disk depth and color; Chl-a (with phaeophtin correction), TP, Ortho-P and TSS

Gage Type:

Staff gage at each inflow/outflow

Laboratory Information:

Minnesota Valley Testing Laboratories, Inc.
1126 North Front Street
New Ulm, MN 56073
(507) 359-2890
crcomvtl@newulmtel.net

Assigned Stations

Station ID	Station Name
40-0033	VOLNEY
40-0063	GERMAN
40-0092-01	JEFFERSON (E JEFF.)
40-0092-02	JEFFERSON (W JEFF.)
40-0092-03	JEFFERSON (SWEDE'S BAY)
40-0092-04	JEFFERSON (MIDDLE JEFF.)
S001-092	LAKE VOLNEY OUTLET NR ACCESS 5 MI SE OF LECENTER
S004-136	UNN STRM TO L VOLNEY AT L VOLNEY LANE, ON W END OF LAKE
S004-138	UNN STRM (GIBBS DTCH) AT FLUME, 5.5 MI SE OF LE CENTER
S004-154	CD 9 (GERMAN LK OUTLET) AT CSAH-13, 5.5 MI NW OF ELYSIAN
S004-155	JD 15 (SWEDES BAY OTLT) ON THE SW SIDE OF BAY, OFF 480TH ST
S005-438	UNN STR (SWEDES BAY INLET) ON SE SIDE OF BAY AT END OF 480TH
S005-439	UNN STR (LK JEFFERSON INLET) S OF CSAH-18
S005-440	UNN STR (GERMAN LK OTLT) AT CSAH-11, 7 MI NW OF CLEVELAND

Project UMISSE_BV Upper Mississippi River Blackberry to Vermillion TMDLs

Start Date 01/01/2001 **Planned Duration** Five years

Purpose TMDL

Study Area MPCA staff collect water quality data from Blackberry to Vermillion on the Upper Mississippi River.

Project Design MPCA staff collect water quality data from Blackberry to Vermillion on the Upper Mississippi River. No lab is used. Data is collected via sondes.

Assigned Stations

Station ID	Station Name
S000-154	MISSISSIPPI R AT MN-6 BRIDGE 8 MI SW OF COHASSET
S000-220	MISSISSIPPI R BR ON CR-441 1 MI SW OF BLACKBERRY

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S002-010	MISSISSIPPI R @ CSAH-1 BRG @ AITKIN
S002-635	MISSISSIPPI R USH169 BRIDGE IN GRAND RAPIDS
S003-654	MISSISSIPPI R AT CR-18, 5.7 MI SW OF DEER RIVER, MINNESOTA
S003-655	MISSISSIPPI R AT CSAH-3, 5.9 MI S OF DEER RIVER, MINNESOTA
S003-656	MISSISSIPPI R AT 7TH AVE, IN GRAND RAPIDS, MINNESOTA
S003-663	MISSISSIPPI R AT MN-232, 0.3 MI SE OF PALISADE, MN

Project UPPERCAN Upper Cannon Assessment Project CWP

Start Date 03/01/2007 **Planned Duration** 2 years

Purpose Condition

Project Design Sample Collection Methods: Grab with bucket, integrated sampler

Obtain Plan Citation for Plan:

Beth Kallestad
Cannon River Watershed Partnership
8997 Eaves Ave.
Northfield, MN 55057
507-786-3913
beth@crwp.net

Assigned Stations

Station ID	Station Name
40-0002	UPPER SAKATAH
40-0014	SABRE
40-0031	TETONKA
40-0032	GORMAN
66-0044	LOWER SAKATAH
66-0048	RICE
66-0055	SHIELDS
S002-465	CANNON R AT CSAH-12, 3.2 MI NW OF WATERVILLE, MN
S003-487	CANNON R AT CSAH 16 BRG IN MORRISTOWN
S004-447	CANNON R AT CSAH-3, S OF LK DORA, 1.5 MI N OF KILKENNY
S004-448	CANNON R AT 450TH ST, S OF LK SABRE, 3 MI SW OF KILKENNY
S004-449	WATERVILLE CK AT CORNER OF 3RD & HOOSAC ST IN WATERVILLE
S004-450	CANNON R AT CSAH-44 WALKING BRG IN MORRISTOWN

Project UPPERRED Upper Red River Basin TMDL

Start Date 08/01/2001 **Planned Duration** 06-30-2004

Purpose Investigate the water quality of the surface water impairments in the Boise de Sioux, Ottertail Whiskey Creek and Red River of the North watersheds.

Study Area Bois de Sioux, Ottertail, Whiskey Creek and Red River of the North watersheds

Assigned Stations

Station ID	Station Name
S000-062	MUSTINKA R USH-75 AT WHEATON
S000-111	OTTER TAIL R BR ON CSAH-15 WEST OF FERGUS FALLS

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S000-555	OTTER TAIL R, CO RD-164 1.3 MI E OF BRECKENRIDGE
S001-029	RABBIT RIVER AT US-75, 5 MILES NW OF CAMPBELL
S001-032	WHISKEY CREEK BRIDGE ON US-75 AT KENT
S001-052	RABBIT R AT CSAH-2 3 MI SE OF CAMPBELL
S001-053	RABBIT R AT CSAH-19 2.5 MI N OF NASHUA
S001-061	WHISKEY CK AT CSAH-20 2 MI SE OF KENT
S001-999	OTTER TAIL R NR EVERDELL, CSAH-17 BRG, 4.5 MI S BRECKENRIDGE
S002-000	OTTER TAIL R AT 11TH STREET BRIDGE IN BRECKENRIDGE
S002-001	MUSTINKA R AT CSAH-9 BRIDGE, 1.3 MI NW OF NORCROSS
S002-002	RABBIT R, AT CSAH-4 RT BANK OF BRG, .1 MI SW OF CAMPBELL
S002-003	OTTER TAIL R BLW ORWELL DAM, CSAH-15, 8 MI SW OF FERGUS FLS
S002-004	WHISKEY CK, AT CULVERTS, .5 MI E OF US-75, 3.7 MI SE OF KENT

Project UPREDRWM Upper Red River Intensive Water Chemistry Monitoring

Start Date 05/01/2008 **Planned Duration** 2 years

Purpose Condition. Water chemistry sampling will take place at 2 locations throughout the Upper Red River watershed to coincide to biological monitoring at 29 additional sites.

Study Area S004-880 (08RD049) Wolverton Ck at 140th Ave S, 2 mi NW Comstock
S004-881 (08RD052) Whiskey Ck at Main St in Kent
S005-322 (08RD051) Wolverton Ck at 130th Ave S, 3 mi NW Comstock

Project Design Lab: RMB Environmental Lab, Detroit Lakes

Sample Collection Method(s) and Gear(s): Grab sample with Van Dorn.

Field Measurements - Methods and Instrumentation: pH, temp, DO, conductivity, turbidity, with YSI Sonde, transparency with T-Tube.

Gage Type: TD

Sample Medium: Water column

Obtain Plan MPCA Project Manager:
Jessica Poegel
Minnesota Pollution Control Agency
Brainerd Regional Office
7678 College Road, Suite 105
Baxter, MN 56425
(218) 855-5073
jessica.poegel@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S004-880	WOLVERTON CK AT 140TH AVE S, 2 MI N OF COMSTOCK
S004-881	WHISKY CK AT MAIN STREET IN KENT
S005-322	WOLVERTON CK AT 130TH AVE S, 3 MI NW OF COMSTOCK

Project UP_MISS Upper Mississippi River TMDL Project

Project Summary

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Start Date 01/01/1967 **Planned Duration** Long-term
Purpose Upper Mississippi River Low Oxygen and Turbidity TMDL Project
Study Area Upper Mississippi River

Assigned Stations

Station ID	Station Name
S000-031	RED LAKE RIVER AT BRIDGE ON CSAH-15 AT FISHER
S000-055	MINNESOTA R BRIDGE ON CSAH-21, 3 MI NE OF DELHI
S000-105	MISSISSIPPI R MN-200 BR 0.5 MI W OF LAKE ITASCA
S000-195	POMME DE TERRE R UPSTR OF MN-119 / MN-7 / US-59 AT APPLETON
S000-278	ELK RIVER CSAH-15 BY BIG LAKE
S000-282	LONG PRAIRIE R BRIDGE ON US-10, SOUTH OF MOTLEY
S001-326	CROW WING R AT BR ON CR-12 AT NIMROD
S001-328	MOOSE HORN R 1 MI SW OF N BARNUM, MN.
S001-892	MISSISSIPPI R CSAH117 CULV N END OF ITASCA ST PK
S001-893	MISSISSIPPI R CSAH-37 5.5MI NW OF L ITASCA TOWN
S001-894	MISSISSIPPI R AT CSAH-40 4.5 MI S OF ALIDA
S001-895	MISSISSIPPI R COFFEE POT LNDG BR 6MI SE OF ALIDA
S001-896	MISSISSIPPI R AT TWSP RD S GRANT VALLEY HALL
S001-897	MISSISSIPPI R AT CSAH 11, 1 MI SW OF BEMIDJI
S001-900	MISSISSIPPI R AT STUMPHGES LNDG, 13.5 MI SW OF BEMIDJI, MN
S001-901	MISSISSIPPI R AT CSAH 5, 12 MI SW OF BEMIDJI, MN
S001-902	MISSISSIPPI R AT CSAH 2, 5 MI N OF LK ITASCA, MN
S001-903	MISSISSIPPI R, CSAH 7, 6.5 MI SW OF BEMIDJI, MN
S001-922	SWAN R AT ITASCA CR-431 BRG, 4 MI NE OF JACOBSON
S001-924	PRAIRIE R AT CSAH 61 BRG, 3.5 MI NE OF GRAND RAPIDS
S001-925	LEECH LAKE R AT CR-139 AT MUD LK DAM, 8.5 MI SW OF DEER R
S001-926	CROW WING R AT CSAH 36 AT SYLVAN DAM, 9 MI SW OF BRAINERD
S001-927	GULL R AT FISHERMAN'S BRG ON CSAH 36, 9 MI SW OF BRAINERD
S001-929	CLEARWATER R AT CSAH 46 BRG, 2.5 MI S OF CLEARWATER
S001-930	PLATTE R AT CR-40 BRG, 2 MI S OF ROYALTON
S001-931	RED EYE R AT CSAH 29 BRG, 7 MI N OF STAPLES
S001-994	SWAN R ON CR 222 IN SOBIESKI, MN
S001-996	SWAN R ON SNTH 238, 3 MI SW OF LITTLE FALLS, MN

Project USAUKR-S Upper Sauk River Water Quality Assessment Project

Start Date 03/14/2008 **Planned Duration** 2 years
Purpose Clean Water Legacy Act Surface Water Assessment Grant.

This project is associated with the SAUKR amendment project that is part of the Biological Intensive Monitoring Watershed 10X program.

Study Area Upper Sauk River.

Project Design Laboratory Information:

Project Summary

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Minnesota Pollution Control Agency

Project Design Stearns DHIA Laboratories
825 12th Street South
Sauk Centre, MN 56378

Field Procedure Information:

Sample Collection Method and Gear - 6 foot profiler, Van Dorn sampler.
Field Measurements - Methods and Instrumentation - YSI Hydroprobe: DO, temp, conductivity, depth, ph; transparency with Secchi disc, transparency tube.

Probe Make and Model: YSI 6820

Obtain Plan Citation for Project Plan:

Title - Upper Sauk River Restoration Project
Author - Lynn Nelson
Publishing Organization - Sauk River Watershed District
Publication Year - 2008

Assigned Stations

Station ID	Station Name
77-0151	MUD
77-0163	JUERGENS (JOERGENS)
77-0164	LITTLE SAUK (LONGBRIDGE)
77-0182	GUERNSEY
S003-542	SAUK R AT UNN ST, 5 MI SW OF LITTLE SAUK, MINNESOTA
S003-888	SAUK R AT UNN ST, 1.1 MI S OF LITTLE SAUK, MN
S003-890	SAUK R AT CSAH-11, 2.7 MI W OF LITTLE SAUK, MN
S005-071	SAUK R AT CR-57, 2.8 MI N OF WEST UNION, MN

Project VERMFECFL Vermillion River Watershed Fecal Coliform Bacteria TMDL Study

Start Date 05/01/1999 **Planned Duration** 10-31-2002

Purpose Problem investigation monitoring, fecal coliform bacteria TMDL.

Monitoring was completed in 2000. In 2001, Dakota County SWCD and University of Minnesota staff began collecting fecal coliform samples for a pilot project associating DNA fingerprinting with sources of fecal coliform pollution.

Project Design The QA/QC samples: duplicate/split is a sample that was split and sent to two different labs to compare lab results, it should only count once when doing analyses. Same with the triplicate, it was split and sent to three different labs to compare lab results. The sampler blank duplicate was the same thing, a sample bucket had distilled water rinsed through and then analyzed it to show that the sampling equipment was clean. the sampler blank was split and sent to two different labs to ensure quality between labs.

"Surface water grab samples were collected by a variety of agency staff and citizen volunteers throughout the Vermillion River watershed during the course of the study; March 1999-October 2002. Sampling sites were located on small headwater streams, major tributaries, and the mainstem of the Vermillion River. Samples were typically grabbed by lowering a clean bucket from a bridge and placing the water in a new container or bag supplied by the laboratory. Some samples were grabbed by placing the container directly in the waterbody. Samples were labeled with time, date, location and the initials of the person taking the sample and were placed on ice. The sampling bucket was rinsed with distilled water and site water before each sample was taken and it was not used for any other purposes. Samples were delivered to certified laboratories and analysis took place within 24 hours of collection. Field notes taken at the time of each sample included recent weather and stream conditions.'

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

- Project Design** 'Monitoring for this study was typically done on a weekly basis. Additionally, some runoff events were sampled between regularly scheduled monitoring.'
- 'Analysis for fecal coliform bacteria was done at four different certified laboratories during the study period.' MetCouncil, Minnesota Valley Testing Laboratory, Prairie Island Indian Community, and Minnesota Department of Health.
- DNA Fingerprinting Study, see Section 3.2 in Vermillion River Watershed Fecal Coliform Bacteria Study, May 2004.
- Obtain Plan** Dakota County Soil and Water Conservation District. "Vermillion River Watershed Fecal Coliform Bacteria Study: A Technical Report Supporting the Regional Total Maximum Daily Load Study." May 2004.
- Quality Objectives** The QA/QC samples: duplicate/split is a sample that was split and sent to two different labs to compare lab results, it should only count once when doing analyses. Same with the triplicate, it was split and sent to three different labs to compare lab results. The sampler blank duplicate was the same thing, a sample bucket had distilled water rinsed through and then analyzed it to show that the sampling equipment was clean. the sampler blank was split and sent to two different labs to ensure quality between labs.

Assigned Stations

Station ID	Station Name
25-0016	LARSON
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S001-226	VERMILLION R AT HWY 54, 7/8 MI SE OF HASTINGS
S001-400	UNN TRIB TO VERMILLION R AT CSAH-70 2.5 MI W OF FARMINGTON
S002-426	VERMILLION R AT BISCAYNE AVE, 1.9 MI NE OF FARMINGTON, MN
S002-429	VERMILLION R AT CSAH-47, 1 MI SW HASTINGS, MN
S003-323	TRIB TO VERMILLION R AT CSAH-3, 1.2 MI N FARMINGTON, MN
S003-337	VERMILLION R AT CSAH 9 BRG, 4 MI NE OF ELKO
S003-338	VERMILLION R AT CSAH 23, 2.5 MI SE OF LAKEVILLE
S003-339	UNN TRIB (W EUREKA CK) AT CSAH 23, 3 MI SE OF LAKEVILLE
S003-340	UNN TRIB (E EUREKA CK) AT CR-78, 3 MI SW OF FARMINGTON
S003-341	VERMILLION R AT 225TH ST. BRG, 1.5 MI SW OF FARMINGTON
S003-342	UNN TRIB (SOUTH CK), .25 MI W OF FARMINGTON
S003-343	UNN TRIB (WF MIDDLE CK) N OF 195TH ST, 3 MI NW OF FARMINGTON
S003-344	UNN TRIB (EF MIDDLE CK) N OF 195TH ST, 3 MI NW OF FARMINGTON
S003-345	MOUTH OF UNN TRIB (MIDDLE CK), 1 MI N OF FARMINGTON
S003-346	UNN TRIB (NF OF N CK) AT 170TH ST, 3.5 MI SE OF APPLE VALLEY
S003-347	UNN TRIB (SF OF N CK), 3.5 MI SE OF APPLE VALLEY
S003-348	UNN TRIB (SF OF N CK) AT FLAGSTAFF AVE, S OF APPLE VALLEY
S003-349	S BR VERMILLION R AT MN-3, S OF FARMINGTON
S003-350	S BR VERMILLION R HDWTRS, 4.5 MI SE OF FARMINGTON
S003-351	UNN TRIB TO SB VERMILLION R, 2.5 MI W OF HAMPTON
S003-352	UNN TRIB (MIDDLE CK) AT 190TH ST, 2.5 MI NE OF LAKEVILLE
S003-353	UNN TRIB (MIDDLE CK) 2 MI NW OF FARMINGTON

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project VERMTMDL Lower Vermillion River Turbidity TMDL Study

Start Date 01/01/2001 **Planned Duration** 2005

Purpose Problem investigation monitoring in support of turbidity modeling for stream impairment study for Vermillion River listed as impaired due to chronic turbidity.

Assigned Stations

Station ID	Station Name
25-0007	WILDCAT
25-0016	LARSON
S000-102	CANNON R. USH-61 W OF RED WING
S001-193	VERMILLION R .1 MI UPST CANNON R CONFL NR RED WI
S001-226	VERMILLION R AT HWY 54, 7/8 MI SE OF HASTINGS
S001-227	VERMILLION SLOUGH AT E 4 BRG, 1 1/8 MI E HASTING
S001-229	TRUEDALE SLOUGH, NE 1/4 S5, 5 1/4 MI SE HASTINGS
S001-230	VERMILLION R AT HWY 68 BRG, 3/4 MI NE OF ETTER
S003-227	VERMILLION SLOUGH AT HASTINGS MARINA IN HASTINGS
S003-228	CATFISH SLOUGH S, W OF COLLISCHAN RD, 5 MI NW OF RED WING
S003-229	CATFISH SLOUGH N, W OF COLLISCHAN RD, 5.5 MI NW OF RED WING
S003-230	VERMILLION SLOUGH AT COLLISHAN RR BRG, 5 MI NW OF RED WING
S004-128	VERMILLION R JUST E OF CSAH-54 , 5.5 MI SE OF HASTINGS

Project VERMTRT Stabilizing Temperature in Vermillion R Wtershd Trout Strms

Start Date 08/01/2006 **Planned Duration** 3 years

Purpose The purpose of the project is problem investigation. The goal to determine the best way to stabilize temperature in the trout streams and assess a market-based thermal trading program. Temperatures in some reaches are approaching the optimal temperature range for the brown trout population.

This project is funded with a U.S. Environmental Protection Agency Targeted Watershed Grant

Project Design Sample Collection Methods: Temperature logger

Field Measurements: Temperatures logged every 15 minutes at Minnesota Department of Natural Resources (DNR) and Vermillion River Watershed Joint Powers Organization (VRWJPO) sites. Temperatures logged every 20 minutes at City of Lakeville sites. All loggers were tested and found accurate prior ot deployment. Hobo Water Temp Pro loggers, which have a +/- 0.2 degrees C margin of error, were used. Data were downloaded.

Obtain Plan Citation for Plan

Title: Creating the Optimal Regulatory and Market Framework to Preserve Stream Flow and Temperature Stability in an Urbanizing Trout Stream in the Midwest.

Author: John Jaschke

Publishing organization: Vermillion River Watershed Joint Powers Organization

Publication Year: 2006

Assigned Stations

Station ID	Station Name
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Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Station ID	Station Name
S000-302	VERMILLION RIVER AT MN-3 BRG IN FARMINGTON
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S001-226	VERMILLION R AT HWY 54, 7/8 MI SE OF HASTINGS
S001-398	VERMILLION R AT CSAH-85 BRG 1 MI NE OF VERMILLION
S002-417	UNN TRIB TO VERMILLION R AT CSAH-66, 3.4 MI NE OF FARMINGTON
S002-419	VERMILLION R AT CSAH-62, 0.2 MI W VERMILLION, MN
S002-421	SOUTH BRANCH VERMILLION R AT CSAH-66, 0.4 MI E OF EMPIRE, MN
S002-424	UNN TRIB TO VERMILLION R ON CSAH-66, 0.9 MI WNW OF EMPIRE, MN
S003-323	TRIB TO VERMILLION R AT CSAH-3, 1.2 MI N FARMINGTON, MN
S003-324	TRIB TO VERMILLION R NEAR CSAH-3, 1.2 MI N OF FARMINGTON, MN
S003-325	VERMILLION R AT 220TH ST W, 1.2 MI SW OF FARMINGTON, MN
S003-326	VERMILLION R AT CR-31, 0.6 MI W OF FARMINGTON, MN
S003-338	VERMILLION R AT CSAH 23, 2.5 MI SE OF LAKEVILLE
S003-339	UNN TRIB (W EUREKA CK) AT CSAH 23, 3 MI SE OF LAKEVILLE
S003-340	UNN TRIB (E EUREKA CK) AT CR-78, 3 MI SW OF FARMINGTON
S003-341	VERMILLION R AT 225TH ST. BRG, 1.5 MI SW OF FARMINGTON
S003-342	UNN TRIB (SOUTH CK), .25 MI W OF FARMINGTON
S004-165	VERMILLION R AT 235TH ST, 3 MI S OF LAKEVILLE
S004-307	VERMILLION R @ HAMBURG AVE, 4 MI SW OF FARMINGTON
S004-313	UNN TRIB (SOUTH CK), AT FLAGSTAFF AVE 2.5 MI SE OF LAKEVILLE
S005-092	UNN STR AT INTRSECTN OF 190TH ST W AND ANNETTE AVE
S005-100	VERMILLION R, W OF DODD RD AND N OF 245TH ST
S005-101	UNN STR TO VERMILLION R AT CR-62, 1 MI NW OF EMPIRE
S005-102	VERMILLION R UPSTM OF CSAH-31, JUST W OF FARMINGTON
S005-103	VERMILLION R, JUST DWNSTR OF CONFLUENCE WITH SOUTH CREEK
S005-104	UNN STR (SOUTH CK), 1 MI E OF FLAGSTAFF AVE
S005-105	UNN STR (SOUTH CK), .5 MI E OF FLAGSTAFF AVE
S005-106	UNN STR (SOUTH CK) AT CSAH-70 IN LAKEVILLE
S005-107	UNN STR (SOUTH CK) AT DODD RD IN LAKEVILLE
S005-108	UNN STR (SOUTH CK) AT HOLYOKE RD IN LAKEVILLE
S005-109	UNN STR (SOUTH CK) AT CSAH-23 IN LAKEVILLE
S005-110	UNN STR (SOUTH CK) DWNSTR OF HAMBURG AVE IN LAKEVILLE
S005-111	UNN STR TO VERMILLION R AT CSAH-46, 3.5 MI SW OF LAKEVILLE
S005-112	UNN STR TO THE VERMILLION R AT CSAH-46, 2 MI NE OF ELKO
S005-116	UNN STR TO VERMILLION R AT CEDAR AVE, 2.5 MI SE OF LAKEVILLE
S005-118	UNN STR (N CK), .5 MI W OF MN-3, E OF FARMINGTON
S005-444	UNN STR (S CK) AT FLAGSTAFF AVE, 2.5 MI SE OF LAKEVILLE
S005-445	VERMILLION R, 500 FT E OF MAIN STEM AND S BRANCH CONFLUENCE

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Minnesota Pollution Control Agency

Station ID	Station Name
S005-446	UNN STR TO VERMILLION R, .30 MI NW OF CHIPPENDALE & 205TH ST
S005-447	UNN STR TO VERMILLION R, .33 MI NE OF BISCAYNE AVE/197TH ST
S005-448	VERMILLION R, 0.25 MI S OF FLAGSTAFF AVE & 225TH ST INTR SCTN
S005-449	VERMILLION R, SB, JUST S OF 220TH ST, 5 MI E OF FARMINGTON
S005-450	UNN STR (S CK), .20 MI UPSTRM OF HAMBURG AVE IN LAKEVILLE
S005-451	UNN STR (S CK), .25 MI N OF 220TH ST, 1 MI W OF FARMINGTON
S005-452	UNN STR (N CK), 0.4 MI E OF 187TH ST AND DUNBURY AVE

Project VERMWM Vermillion Watershed Monitoring

Start Date 05/05/2008 **Planned Duration** Ongoing

Purpose Condition. Water chemistry sampling will take place at 1 location throughout the Vermillion River watershed to coincide with biological monitoring at 15 additional sites.

Project Design Sample Collection Methods: Grab sample with weighted bucket.

Field Measurements: pH, temp, DO, conductivity with Hach meter and Hydrolab, transparency with T-tube.

Lab Name: MDH

Assigned Stations

Station ID	Station Name
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S001-230	VERMILLION R AT HWY 68 BRG, 3/4 MI NE OF ETTER
S002-429	VERMILLION R AT CSAH-47, 1 MI SW HASTINGS, MN

Project VLAWMO Vadnais L Area Water Mgmt Org Citizen's L Monitoring Program

Start Date 06/01/1997 **Planned Duration** Long-term

Purpose Monitoring water chemistry

Project Design Sample Collection Methods: Volunteer grab samples

Laboratory Name: Ramsey County Public Works Lab
1425 Paul Kirk Drive
Arden Hills, MN 55112
Contact: Terry Noonan
651-266-7160
terry.noonan@co.ramsey.mn.us

Field Measurements: YSI 55 DO/Temp meter

Obtain Plan Citation for Plan:

Kristine Lambert
VLAWMO
800 County Road E
Vadnais Heights, MN 55127
651-204-6074
kristine.lambert@gmail.com

Project Summary

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Assigned Stations

Station ID	Station Name
02-0014	AMELIA
62-0022	UNNAMED (TAMARACK)
62-0024	BIRCH
62-0027	GILFILLAN
62-0034	GOOSE
62-0037	GEM
62-0043	WILKINSON
S002-773	LAMBERT CK AT CR F, .5 MI NE OF VADNAIS HGHTS
S002-774	LAMBERT CK AT KOHLER RD IN VADNAIS HEIGHTS
S002-775	LAMBERT CK AT OAKMEDE LANE IN WHITE BEAR LAKE
S002-777	LAMBERT CK AT WHITAKER ST, WHITE BEAR LAKE
S002-788	STM SWR (DILLON DT) AT END PARK ST, WHT BEAR LK
S002-796	UNN OUTLET NW SHORE GOOSE L AT CR 95, WHT BEAR L

Project VOLNEY40 Lake Volney Water Quality Improvement CWP

Start Date 06/15/1995 **Planned Duration** 03-18-2005

Purpose Assessment of water quality during implementation phase.

Project Design Sample Collection Methods:

Grab Samples, Pole

Field Measurements: Oakton 300 Series; Temp, DO, transparency tube

Obtain Plan Citation for Plan:

Bill Thompson
MPCA - Rochester Office
18 Wood Lake Drive SE
Rochester, MN 55904
507/281-7764
bill.thompson@pca.state.mn.us

Assigned Stations

Station ID	Station Name
40-0033	VOLNEY
S001-034	DI TO LAKE VOLNEY AT CR-138 5 MI SE OF LECENTER
S001-035	TILE TO LAKE VOLNEY ON CR136 5 MI SE OF LECENTER
S001-134	TILE139 TO LK MINNIE BELLE NWQ/NWQ/S14/T118N/R31W [MB4]
S004-136	UNN STRM TO L VOLNEY AT L VOLNEY LANE, ON W END OF LAKE
S004-137	GOETTL TILE OUTLET AT MN-99, T111N/R23W/S31
S004-138	UNN STRM (GIBBS DTCH) AT FLUME, 5.5 MI SE OF LE CENTER
S004-139	UNN STRM (GIBBS DTCH) UPSTRM OF FLUME AT WETLAND OUTLET
S004-140	L VOLNEY IINLET, GRASS WATERWAY INTO LAKE, W END OF LAKE

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project	VOYNATPK	Voyageurs National Park Long-Term Secchi Disk Lake Monitor
Start Date	01/01/1981	Planned Duration Ongoing
Purpose	Voyageurs National Park Long-Term Secchi Disk Monitoring of Rainy, Kabetogama, Namakan and Sand Point Lakes.	
Study Area	Rainy, Kabetogama, Namakan and Sandy Point Lakes	
Project Design	Surface alkalinity, pH, conductivity, secchi and TSI readings/calculations.	
Obtain Plan	Larry Kallemeyn on 218-283-9821	
Assigned Stations		
Station ID		Station Name
69-0617		SAND POINT
69-0693		NAMAKAN
69-0694		RAINY
69-0845		KABETOGAMA
Project	VRNETWRK	Vermillion River Watershed Monitoring Network
Start Date	03/01/2000	Planned Duration Ongoing
Purpose	The Vermillion River Watershed Joint Powers Organization (with the Dakota County Soil and Water Conservation District) is conducting this project to establish baseline conditions and examine trends in water quality.	
	MPCA Project Number: 5340 CFMS Number: A79604	
	Associated with the VERMCHUB Program in STORET.	
Study Area	SC804, VR807, NC808, MC801, SB802, VR803	
Project Design	Grab samples are collected from bridges with weighted buckets. The bucket is rinsed with site water before taking the sample. Samples are put on ice immediately.	
	Transparency with 60cm transparency tube, dissolved oxygen and water temperature with YSI handheld probe, stream gage with ISCO 4120 Datalogger.	
Assigned Stations		
Station ID		Station Name
S001-398		VERMILLION R AT CSAH-85 BRG 1 MI NE OF VERMILLION
S002-421		SOUTH BRANCH VERMILLION R AT CSAH-66, 0.4 MI E OF EMPIRE, MN
S003-323		TRIB TO VERMILLION R AT CSAH-3, 1.2 MI N FARMINGTON, MN
S003-324		TRIB TO VERMILLION R NEAR CSAH-3, 1.2 MI N OF FARMINGTON, MN
S003-325		VERMILLION R AT 220TH ST W, 1.2 MI SW OF FARMINGTON, MN
S003-326		VERMILLION R AT CR-31, 0.6 MI W OF FARMINGTON, MN
S004-165		VERMILLION R AT 235TH ST, 3 MI S OF LAKEVILLE
Project	VRWAS	Vermillion River Load Allocation Project
Start Date	01/01/1999	Planned Duration Two years
Purpose	To gather field data to calibrate and verify a water quality computer model of the Vermillion River. This computer model will be used to recommend effluent limitations for the Metropolitan Council's expanded Empire wastewater treatment plant.	

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Assigned Stations

Station ID	Station Name
S000-896	VERMILLION R BR ON BLAINE AVE 4 MI NE FARMINGTON
S002-417	UNN TRIB TO VERMILLION R AT CSAH-66, 3.4 MI NE OF FARMINGTON
S002-418	VERMILLION R AT GIESLER'S ACCESS, 2.7 MI NW EMPIRE, MN
S002-419	VERMILLION R AT CSAH-62, 0.2 MI W VERMILLION, MN
S002-420	VERMILLION R AT CSAH-48, 2.3 MI SW OF HASTINGS, MN
S002-421	SOUTH BRANCH VERMILLION R AT CSAH-66, 0.4 MI E OF EMPIRE, MN
S002-422	VERMILLION R, S BR AT CSAH-66, 0.4 MI E OF EMPIRE, MN
S002-423	VERMILLION R AT DONNELLY AVE, 0.2 MI N OF EMPIRE, MN
S002-424	UNN TRIB TO VERMILLION R ON CSAH-66, 0.9 MI WNW OF EMPIRE, MN
S002-425	VERMILLION R AT CR-81, 1 MI NW EMPIRE, MN
S002-426	VERMILLION R AT BISCAYNE AVE, 1.9 MI NE OF FARMINGTON, MN
S002-429	VERMILLION R AT CSAH-47, 1 MI SW HASTINGS, MN
S002-474	VERMILLION R NEAR EMPIRE PLANT, 2.4 MI NE FARMINGTON, MN

Project WADENA Wadena SWCD Lake Monitoring

Start Date 01/01/1999 **Planned Duration** Long-term

Purpose Summer condition monitoring of Wadena County lakes.

Study Area Wadena County

Assigned Stations

Station ID	Station Name
29-0157	UPPER TWIN
80-0030	LOWER TWIN
80-0034	BLUEBERRY
80-0037	STOCKING
80-0039	SPIRIT

Project WAPOA Whitefish Chain and Surrounding Lakes WAPOA

Start Date 05/20/2003 **Planned Duration** Two years

Purpose To collect, analyze and record scientific data from water samples obtained from lakes in WAPOA's area of interest. WAPOA is Whitefish Area Property Owner's Association.

<http://wapoa.org/water.cfm>

This project includes Whitefish Area Property Owners Association data migrated from Legacy STORET identified by collector/site codes (where P29 =) between 16200 and 16299.

Study Area Twenty five to 30 lakes on and around the Whitefish Chain.

Project Design Transparency by secchi disc
Total phosphorus - two meter column collected by sample tube in 1/2 liter bottles for lake analysis.
Chlorophyll-a - two meter column collected and transported in 1/4 liter bottles, and 1 liter

Project Summary

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Project Design calibration samples.

Chlorophyll-a samples analyzed by fluorometry, phosphorescence converted to concentration with laboratory analysis of calibration samples.

04 WATER QUALITY TESTING PROGRAM
by Ron DeLaHunt

The objective of this all volunteer program is to collect, analyze and record scientific data from water samples obtained from lakes in our WAPOA area of interest.

Our several Sample Collection Teams utilize a secchi disc to check water transparency and provide two samples of water from each test site to our analysis team at the Crosslake Corp of Engineers Administrative Offices. These water samples are then tested for algae and phosphorus. These three measurements are recorded by lake and test date to develop a database for further comparative analysis.

Although we started our own (WAPOA) testing program last year we have several years of data from a previous subcontracted program providing us the ability for a continuum of comparative analysis.

It is through this comparative analysis that we hope to determine if the quality of our lake waters are improving or degrading. This quality analysis drives and provides guidance to other WAPOA programs i.e. septic system inspectors, non-phosphorus fertilizer use, lakeshore restoration, etc.

Members of our Testing Team include Ron DeLaHunt, Program Director, and Jack Wallschlaeger, Data Administrator. Leaders of our Sample Collection Teams include Ray Steffens (Bertha, Clamshell, Lower and Upper Hay, and Upper Whitefish), Gerry Leinfelder (Big Trout, Island, Lower Whitefish, Pig and Rush), Jim Couch (Crosslake, Daggett, and Little Pine), Chuck Brock (Kimble, Ossawinamakee, Star, Bass, and Clear), Jack Riordan (Butterfield, Eagle, East and West Fox, Kego and Mitchell), Ralph Scheinost (Ox), Arnold Berg (O'Brien), Mr. Johnson (Goodrich), and Dale Blosberg (Velvet).

Each team requires a minimum of three members - two to a boat and a substitute when necessary.

Our testing for 04 will start on 5/17 followed by 6/21, 7/19, 8/16 and 9/20. The sample gathering is always done on a Monday morning and we are generally done by noon.

All team members and new volunteers will receive a "Citizens Lake-Monitoring Program Handbook" provided by the Minnesota Pollution Control Agency (MPCA). A session on aquatic plant identification will also be held.

Our results are sent annually to the MPCA and in turn we have access to all data that they receive from other lake associations.

Assigned Stations

Station ID	Station Name
11-0037	LEAVITT
11-0043-01	ROOSEVELT (NORTH)
11-0043-02	ROOSEVELT
11-0053	LAWRENCE
11-0059	WASHBURN
11-0105	UPPER TRELIPE
11-0120-01	INGUADONA (N. BAY)
11-0120-02	INGUADONA (S. BAY)
11-0129	LOWER TRELIPE
11-0142-04	LONG (SW BAY)

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Station ID	Station Name
11-0167	LITTLE BOY
11-0171-02	WABEDO (SW BAY)
11-0174	GIRL
11-0200	MULE
11-0201-02	WOMAN (MAIN)
11-0219	LOST
11-0229	HORSESHOE
11-0234	PONTO
11-0237	DEEP PORTAGE
11-0250	ADA
11-0261	MCKEOWN
11-0262	KID
11-0263	CHILD
11-0268	KERR
11-0270	TRILLIUM (LIZARD)
11-0274	BLACKWATER
11-0277	BIG DEEP
11-0279	SAND
11-0281	BARNUM
11-0282	MANN
11-0283	BABY
11-0307	NORWAY
11-0308-01	BIG PORTAGE (W BAY/BIG PORTAGE LK)
11-0308-02	BIG PORTAGE (E BAY/RICE PORTAGE)
11-0351	FIVE POINT
11-0361	SANBURN
11-0371	STONY
11-0383	PLEASANT
11-0411	PINE MOUNTAIN
11-0412	BIRCH
11-0413	TEN MILE
11-0476	PORTAGE
11-0502	CRYSTAL
18-0093-01	RABBIT (EAST)
18-0166	MUD
18-0183	ISLAND
18-0185	MARY
18-0203	EMILY
18-0211	BLUE
18-0212	RUTH
18-0213	ANNA
18-0218	TROUT
18-0220	SMOKEY HOLLOW
18-0222	WOOD

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Station ID	Station Name
18-0225	ADNEY
18-0226	GOODRICH
18-0227-01	O'BRIEN (SW BAY)
18-0227-02	O'BRIEN (NE BAY)
18-0230	GRASS
18-0231	BUTTERFIELD
18-0266	LITTLE PINE
18-0269	ISLAND
18-0271	DAGGETT
18-0284	VELVET
18-0288	OX
18-0293	KEGO
18-0294	MITCHELL
18-0296-01	EAGLE (MAIN)
18-0297	WEST FOX
18-0298	EAST FOX
18-0302	LITTLE OX
18-0310	WHITEFISH
18-0311	RUSH
18-0312	CROSS LK RESERVOIR
18-0315	BIG TROUT
18-0352	OSSAWINNAMAKEE
18-0354	PIG
18-0355	BERTHA
18-0356	CLAMSHELL
18-0358	BASS
18-0359	STAR
18-0361	KIMBALL
18-0364	CLEAR
18-0366	ARROWHEAD
18-0378	LOWER HAY
18-0411	NELSON
18-0412	UPPER HAY
18-0437	PORTSMOUTH MINE
18-0439	PENNINGTON MINE
18-0440-01	MAHNOMEN MINE #1
18-0440-02	MAHNOMEN MINE #2
18-0440-03	MAHNOMEN MINE #3
18-0440-04	LOUISE MINE
18-0440-06	ALSTEAD MINE
18-0440-07	ARCO MINE

Project WASHDIST

Washington Conservation District

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Start Date 01/01/2002 **Planned Duration** On-going

Purpose Condition-baseline monitoring program

Project Design Sample Collection Methods:
Composite sampling using automated sampler, grab samples using dip method.

Field Measurements:
Temp, DO, conductivity with YSI 85, conductivity with Oakton ECtester conductivity tester,
temp, DO with YSI 550A, temp, DO, conductivity with YSI 600XL multiparameter sonde.

Pre-2006--Analog 2100
March 2006-Present--Hach 21N turbidity meter

Laboratory Name:
Metropolitan Council Environmental Services
390 North Robert Street
St. Paul, MN 55101
Contact Name: Dave Fuchs, 651-602-8115, dave.fuchs@metc.state.mn.us

Field Procedure Information: <http://www.mnwcd.org/id27.html>

Obtain Plan Citation for Plan:
Travis Thiel
Washington Conservation District
1380 W. Frontage Rd., Hwy 36
Stillwater, MN 55082
651-275-1136
travis.thiel@mnwcd.org

Assigned Stations

Station ID	Station Name
S001-223	SUNRISE R RD CULVERT 400' UP INLET BIG COMFORT
S001-232	UNN STR. INLET TO LTL COMFORT LK FROM SCHOOL LK
S001-974	BROWNS CR AT BIKE TRL 4 MI NW OF STILLWATER, MN
S004-456	UNN STR (BROWN'S CK) AT CSAH-15, 2 MI NW OF STILLWATER
S004-457	UNN STR (BROWN'S CK) AT MCKUSICK RD IN STILLWATER
S004-458	UNN STR (BROWN'S CK) AT 110TH ST, 5 MI NW OF STILLWATER
S004-459	UNN STR (CARNELIAN CK) AT BIG CARNELIAN LK OUTLET
S004-460	UNN STR (CARNELIAN CK) AT MAY AVE
S004-461	UNN STR (CARNELIAN CK) AT OZARK TRAIL
S004-462	UNN STR (KELLES COULEE) AT ST. CROIX TRAIL IN AFTON
S004-463	UNN STR (BONE LK OUTLET) AT LOFTON AVE, 6 MI NE OF FOREST LK
S004-464	UNN STR (PERRO CK) AT 6TH ST. IN BAYPORT
S004-465	SUNRISE R AT CTY LINE DTCH, E OF US-61, 1 MI N OF FOREST LK
S004-466	SUNRISE R AT N SHORE TRAIL IN FOREST LAKE
S004-467	SILVER CK AT MN-95, 1 MI N OF STILLWATER
S004-468	SUNRISE R AT WYOMING TRAIL, 2 MI E OF WYOMING
S004-469	UNN STR (TRIB TO BAILEY LK) AT BAILEY RD IN WOODBURY
S004-470	UNN STR (TRIB TO BONE LK) AT 228TH ST, 6 MI E OF FOREST LAKE
S004-471	UNN STR (TRIB TO BONE LK) AT 238TH ST, 6 MI E OF FOREST LAKE

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Station ID	Station Name
S004-472	UNN STR (TRIB TO FOREST LK) AT MN-97, 1 MI SE OF FOREST LAKE
S004-473	UNN STR (TRIB TO LONG LK) AT 62ND ST IN STILLWATER
S004-474	UNN STR (TRIB TO LONG LK) AT MARKETPLACE POND IN STILLWATER
S004-475	UNN STR (TRIB TO MCKUSICK LK) AT THE BROWN'S CK DIVERSION
S004-476	UNN STR (TRIB TO MISSISSIPPI R) AT 10TH AVE IN ST. PAUL PARK
S004-477	UNN STR (TRIB TO MISS. R) AT 100TH ST, S OF COTTAGE GROVE
S004-478	UNN STR (TRIB TO O'CONNER'S LK) AT ST. CROIX TRAIL
S004-479	UNN STR (TRIB TO POWERS LK) AT ST. JOHN'S DR IN WOODBURY
S004-480	UNN STR (TRIB TO POWERS LK) AT STONEY CK DR IN WOODBURY
S004-481	UNN STR (TRIB TO WILMES LK) OFF HUSON RD AND I-94
S004-482	TROUT BK (TRIB TO LK ST. CROIX) AT AFTON ALPS
S004-483	HIGH ST STORM WATER OUTFLOW FROM THE CITY OF NEWPORT
S004-614	SILVER CK AT CSAH-11, JUST N OF STILLWATER
S005-093	UNN STR TO COLBY LK AT LEYLAND TR IN WOODBURY

Project WASHSWCD Washington County SWCD

Start Date 01/01/1967 **Planned Duration** Long-term

Purpose County water monitoring program

Assigned Stations

Station ID	Station Name
82-0054	BONE
82-0080	HALFBREED
82-0159	FOREST
82-0162	SHIELDS

Project WASH_L Lake Washington WQ Improvement Project CWP Phase I and II

Start Date 04/15/1993 **Planned Duration** 05-14-2004

Purpose Lake Washington WQ Improvement Project CWP Phase I and II.

Phase I started in 1993 as a diagnostic and implementation project by LeSueur and Blue Earth counties.

Phase II started in 2000/2001 as an implementation project by LeSueur County. The project lasted one year in the diagnostic stage, and four in Phase IIA.

The project purpose was to quantify nutrient and sediment loading to Lake Washington from the watershed so appropriate measures could be initiated to reduce the loading.

11/16/06: Monitoring will be conducted one year for diagnostic, four years for Phase 11A and Phase II (Implementation) monitoring

Study Area Lake Washington is in southern LeSueur County and northern Blue Earth County. The lake

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Study Area was sampled at four locations: W1 (deep area at the north end of the west basin), W2 (deep area at the north end of the east basin), W3 (deep area at the southeast end of the east basin), and W4 (shallow area at the south end of the west basin).

Project Design See Diagnostic Study Report, Appendix A

Lake Washington Water Quality Improvement Project, Diagnostic Study Report, November 27, 1995. (In our files here in St. Paul)

Obtain Plan Le Sueur County Environmental Services
88 South Park Avenue
Le Center, MN 56057

Kathy Brockway was project lead until Carrie Steinborn took over in May of 2002. Carrie Steinborn changed her name to Carrie Mueller shortly thereafter.

11/16/06: Lauren Klement is now project lead. She took over for Carrie Mueller.

Assigned Stations

Station ID	Station Name
40-0117	WASHINGTON
S004-232	UNN STRM (L WASHINGTON NE TRIB) AT PATTERSON ROAD
S004-233	UNN STRM (L WASHINGTON NE TRIB) AT CR-103, 5 MI SE OF KASOTA

Project WEBBL Outdoor Corps sampling of Webb Lake

Start Date 01/01/2004 **Planned Duration** 12-31-2004

Purpose The Webb Lake Association contracted with the Outdoor Corps to sample water quality in Webb Lake during 2004.

(See also OUTDRCRP.)

Study Area 11-0311, site 201

Project Design Outdoor Corps is a student-run business through the University of Minnesota Extension Service that sampled Webb Lake in May through October of 2004. Water samples were taken at the deepest point in the lake, and analyzed for temperature, dissolved oxygen, pH, conductivity, secchi depth, chlorophyll-a, and total phosphorus. TP and chl-a samples were obtained using a two-meter integrated sampler, and sent to A.W. Research Lab. T, DO, pH, and conductivity were obtained at one meter increments from the surface to the bottom of the lake using a Hydrolab.

All equipment was rinsed prior to use.

Obtain Plan Outdoor Corps. "Water Sampling Report for Webb Lake, 2004." University of Minnesota Extension Service. (no date)

Outdoor Corps
Water Resources Division
University of Minnesota Extension Service
Extension Regional Center
708 Maple Street
Brainerd, MN 56401

Assigned Stations

Station ID	Station Name
11-0311	WEBB

Project WELLSCWM Wells Creek Watershed Monitoring

Project Summary

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Minnesota Pollution Control Agency

Start Date 05/05/2008 **Planned Duration** Ongoing
Purpose Condition. Water chemistry sampling will take place at 4 locations throughout the Wells Creek Watershed to coincide to biological monitoring at 9 additional sites.

Project Design Sample Collection Methods: Grab sample with weighted bucket
Field Measurements: pH, temp, DO, conductivity with Hach meter and Hydrolab, transparency with T-tube.

Laboratory Name: MDH

Obtain Plan Citation for Plan:
Chris Butterfield
MPCA
520 Lafayette Road
St. Paul, MN 55155
christopher.butterfield@pca.state.mn.us
651.297.8366

Assigned Stations

Station ID	Station Name
S000-430	HAY CK AT UNNAMED ROAD IN S36 AT RED WING
S001-597	GILBERT CK AT CSAH-5 BRG, 1 MI W OF LAKE CITY
S002-449	MILLER CK AT CR-66. 1 MI SW OF LAKE CITY, MN
S004-859	WELLS CK AT US-61, 1 MI SE OF FRONTENAC
S004-863	BULLARD CK AT US-61, 4 MI E OF RED WING

Project WET639W Wetland 639W Restoration

Start Date 06/02/2008 **Planned Duration** 1 year
Purpose Problem investigation (DO and Biota)

Project Design Sample collection methods:
Grab with bottle.
Field Measurements - Methods and Instrumentation:
Temp, DO, Cond., pH with YSI. Gauged flow with digital velocity meter.

Gage Type: Son Tek Flow Tracker

Probe Make and Model: YSI 6820

Laboratory Name:
Braun Intertec
11001 Hampshire Avenue S
Minneapolis, MN 55438

Contact Name:
Steve Albrecht
952-995-2622

Obtain Plan Citation for Plan:
Project Work Plan - Wetland 639W Restoration Feasibility Analysis
Author: Wenck Associates, Inc.
Publishing Organization: Shingle Creek Watershed Management Commission
Publication Year: 2007

Assigned Stations

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Station ID	Station Name
S003-650	UNN INLET TO TWIN LAKES UPPER BASIN AT BASS LK RD IN CRYSTAL
S005-453	UNN STR DWNSTR OF FOOTBRG NR CENTER OF WETLAND IN CRYSTAL
S005-454	UNN STR DWNSTR OF BOX CULVERT AT 63RD AVE IN BROOKLYN PARK

Project WF_DES_M West Fork Des Moines River CWP & TMDL

Start Date 02/13/2001 **Planned Duration** 02-13-2004
Purpose To determine areas of concern throughout the West Fork Des Moines River watershed.
Study Area Headwaters of the West Fork Des Moine R (Lake Shetek to Iowa-Minnesota border)
Obtain Plan MPCA Project Manager:
Kelli Daberkow
MPCA Marshall Office
1420 E. College Drive, Suite 900
Marshall, MN 56258
(507) 537-6497
kelli.daberkow@pca.state.mn.us

Assigned Stations

Station ID	Station Name
S000-156	W FK DES MOINES R AT PETERSBURG RD, S OF PETERSBURG
S000-481	W FK DES MOINES R AT US-71 AT WINDOM
S000-891	W DESMOINES R-SCT LINE BTN 7/18 3 MI S OF WINDOM
S000-894	W FK DES MOINES R AT MN-60 IN WINDOM
S001-363	DES MOINES RIVER AT MN-62, 4 MI N OF HERON LK, MN
S002-005	BEAVER CK AT MN-30 BRG, 1.75 MI W OF CURRIE
S002-006	LAKE SHETEK OUTLET, .75 MI W OF CSAH-38, 1 MI NW OF CURRIE
S002-007	LIME CK ON 270TH AVE, 1/8 MI FROM CSAH-6, 6 MI E OF AVOCA
S002-008	DES MOINES R, CSAH-7 BRG, 2 MI N OF CSAH-6, 5 MI NE OF AVOCA
S002-009	HERON LK OLT, 1/2 MI FROM CSAH-24 BRG, 2.25 MI E HERON LK
S004-359	DES MOINES R, W OF RIVER ST, 100 YDS DS OF DAM, AT JACKSON

Project WHTW_CRW Whitewater River Middle Fork/Crow Spring Project

Start Date 01/01/2002 **Planned Duration** 01-01-2004
Purpose Condition monitoring (ground water quality as it discharges to surface water).
Study Area Whitewater River Middle Fork
Crow Spring

Assigned Stations

Station ID	Station Name
S001-831	MID FK WHTWTR R AT CR-107, 5 MI N OF ST. CHARLES
S003-707	CROW SPRING TO WHTWTR R M FK, NO CSAH-9 4.5 MI NW ST CHARLES

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
S003-708	CROW SPRING TO WHTWTR R M FK, W CR-107, 5 MI NW ST CHARLES
S003-709	WHITEWATER R M FK, SE OF QUINCY ROAD NE, 5 MI NW ST CHARLES
S003-710	WHITEWATER R M FK, W OF CR-107, 5 MI NW OF ST CHARLES

Project WINONA Winona County Manure Release

Start Date 01/01/2005 **Planned Duration** Long-term
Purpose Sampling in Winona County

Assigned Stations

Station ID	Station Name
S003-770	UNN SPRNG FED STRM ON S SIDE OF US-14, 2.5 MI NE OF LEWISTON
S003-771	UNN SPRNG FED STRM ON N SIDE OF US-14, 2.5 MI NE OF LEWISTON

Project WINOSPEC Winona County Special Study

Start Date 06/10/2002 **Planned Duration** Complete
Purpose Winona County Special Study

Study Area Statewide

Assigned Stations

Station ID	Station Name
S001-820	MONEY CK, AT CSAH-17, 4 1/2 MI SW OF WITOKA
S003-623	MONEY CK UPST OF B.DAM AT CSAH 17, 4.5 MI SW OF WITOKA, MN

Project WINTROUT Winona County Cold Water Trout Stream Monitoring

Start Date 06/01/2006 **Planned Duration** 3 years

Document/Graphic Winona County Citizen Trout Stream Monitoring Plan-Final Jun [Document/Graphic](#)

Purpose Enhance the collection of useful and reliable data on trout streams reaches that are already being monitored by the Citizen Stream Monitoring Program (CSMP). Specifically, this CSMP-Plus project focuses on collecting water temperature data, measuring dissolved oxygen and collecting grab samples for turbidity analysis.

Assigned Stations

Station ID	Station Name
S004-240	BIG TROUT CK (PICKWICK CK) E OF CSAH-7, 1.3 MI S OF PICKWICK
S004-243	BIG TROUT CK (PICKWICK CK) 130 FT DWNSTRM OF CSAH-7 BRG
S004-244	BIG TROUT CK(PICKWICK CK) UPSTM OF US-61 2 MI NE OF PICKWICK
S004-245	CEDAR VALLEY CK, UPSTM OF SOUTH-BOUND US-61 LANE
S004-246	UNN STM TO PLEASANT VALLEY CK AT CSAH-17, 2.5 MI S OF WINONA
S004-247	BIG TROUT CK (PICKWICK CK), 0.16 MI SW OF PICKWICK MILL

Project Summary

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Minnesota Pollution Control Agency

Station ID	Station Name
S004-248	BIG TROUT CK (PICKWICK CK) AT CSAH-7 BRG AT PICKWICK MILL
S004-275	MONEY CK OFF CSAH-19, 3 1/2 MI SW OF WITOKA
S004-287	COREY CK JUST OFF CSAH-17, 6.5 MI NE OF RUSHFORD

Project WOLFCR Wolf Creek

Start Date 04/11/2006 **Planned Duration** 1 YEAR

Purpose Condition - determination if it is safe for children to play in the creek (fecal coliform levels)

Project Design Sample Collection Methods: Grab for fecal coliform samples
Field Measurements: Transparency with t-tube

Obtain Plan Beth Kallestad
Cannon River Watershed Partnership
8997 Eaves Avenue
Northfield, MN 55057
507-646-8400
beth@crwp.net

Assigned Stations

Station ID	Station Name
S004-039	Wolf Cr at MN-3, 1 mi S of Dundas

Project WRICE-S Wild Rice Watershed Project

Start Date 04/24/2008 **Planned Duration** 2 years

Purpose Baseline data for current conditions.

Study Area Statewide

Project Design Lab:
RMB Environmental Lab, Inc.
Detroit Lakes

Sample Collection Method(s) and Gear(s): Grab with Van Dorn for streams, 2M Integrated Sampler for lakes.

Field Measurements - Methods and Instrumentation:
Air Temperature - Standard centigrade thermometer
pH - Accumet AP61 portable pH meter
Water Temperature - Accumet AP61 portable pH meter
Dissolved Oxygen - YSI 55 Dissolved Oxygen meter
Transparency - Transparency tube and Secchi Disk

Obtain Plan Aaron Neubert
Mahnom County Soil and Water Conservation District
123 W Monroe Ave, PO Box 381
Mahnom, MN 56557
(218) 935-2987 ext. 3
aaron.neubert@mn.nacdnet.net

MPCA Project Manager:
Johanna Schussler
Citizen Volunteer Monitoring Coordinator
Minnesota Pollution Control Agency
520 Lafayette Road North

Project Summary

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MNPCA1

Minnesota Pollution Control Agency

Obtain Plan St. Paul, MN 55155
(651) 282-6411
johanna.schussler@pca.state.mn.us

Assigned Stations

Station ID	Station Name
44-0014	SOUTH TWIN
44-0023	NORTH TWIN
44-0038	ISLAND
44-0045	SNIDER
S002-109	DALEN COULEE AT CR-39, 3.3 MI E OF PERLEY
S002-110	MARSH CK AT CR-40, 6.5 MI W OF MAHNOMEN
S003-157	COON CK AT CSAH-28, 4 MI W OF TWIN VALLEY
S003-158	UNN DT (AKA FELTON DITCH) AT TOWNSHIP ROAD, 3.8 MI NE PERLEY
S003-159	MASHAUG CK FOOT BRG AT HEIBERG PARK, 1 MI NO OF TWIN VALLEY
S003-160	UNN CK (AKA MOCCASIN CK) AT CSAH-37, 8.5 MI SE TWIN VALLEY
S003-161	SPRING CK AT CSAH-40, 8 MI SW OF MAHNOMEN
S003-162	WHITE EARTH R AT CR-25, 2.3 MI SE OF MAHNOMEN
S003-163	WILD RICE R ON MN-200, 1.2 MI NE OF MAHNOMEN
S003-164	WILD RICE R SB AT CR-193, 7.75 MI SW OF ADA
S004-201	WILD RICE R AT CSAH-24, 4.4 MI E OF ADA

Project WRIGHT-S Wright County Lakes Monitoring Proram

Start Date 06/01/2008 **Planned Duration** 2 years

Purpose Lake Condition/303(d) Evaluation

Project Design Sample Collection Methods:
Lake water column with integrated sampler

Laboratory Name:
RMB Environmental Laboratories, Inc.
22796 County Highway 6

Contact Name:
Moriya Rufer
218-846-1465
lakes.rmbel@eot.com

Assigned Stations

Station ID	Station Name
86-0009	MARTHA
86-0020	WILHELM (WILLIAM)
86-0041	DEAN
86-0046	CRAWFORD
86-0051	CONSTANCE
86-0053-02	PULASKI (MAIN)
86-0073	CEDAR
86-0119	SULLIVAN

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Station ID	Station Name
86-0122	LIGHTFOOT
86-0146	IDA
86-0163	LIMESTONE
86-0182	ROCK

Project WWGBTURB Whitewater River and Garvin Brook Pilot Turbidity TMDL

Start Date 05/01/2000 **Planned Duration** three years

Purpose Problem investigation - monitoring initiated to gather data for use in developing TMDLs for turbidity and fecal coliform bacteria.

Project Design This project will sample the water column, fish, macroinvertebrates, habitat and flow.
Grab samples by dipping bottle in water by hand.

Obtain Plan Johnson, Greg, Neal Mundahl and Larry Johnson. "Completion of Selected TMDL Activities in Southeastern Minnesota by the Whitewater River Joint Powers Board." 2000.

Work Plan attached to State of Minnesota Interagency Agreement number A11233.

Greg Johnson will coordinate with Neal Mundahl and Laurie Sovell to submit data.

Assigned Stations

Station ID	Station Name
S000-321	S FK WHITEWATER R AT CR-112 2 MI W OF ALTURA
S000-451	N FK WHITEWATER R 0.15 MI W TR-16, 2.2 MI W OF ELBA
S000-826	GARVIN BROOK AT MINNESOTA CITY
S000-828	GARVIN BROOK AT CSAH-23, SW OF MINNESOTA CITY
S000-831	GARVIN BROOK AT STOCKTON
S000-834	UNNAMED CREEK AT STOCKTON
S000-839	PETERSON CREEK AT THE ARCHES
S000-978	NF WHITEWATER-E OF CARLEY ST PK CMPGD E OF ELGIN
S001-529	STOCKTON VALLEY CK, 1 MILE S OF STOCKTON
S001-532	ROLLINGSTONE CK AT MIDDLE VLY RD BRG, 1.5 MI NW OF MN CITY
S001-831	MID FK WHTWTR R AT CR-107, 5 MI N OF ST. CHARLES
S002-072	LOGAN BR N FK WHITEWATER R AT CSAH-10, 5.5 MI S OF PLAINVIEW
S003-687	GARVIN BK AT RR BRIDGE, 2.6 MI SW OF STOCKTON, MINNESOTA

Project WWNMP Whitewater River Watershed National Monitoring Program

Start Date 01/01/1993 **Planned Duration** Ten years

Purpose Effectiveness-The overall goals of the Whitewater River Watershed 319 monitoring project are: 1) to provide the information required under the National Monitoring Program (NMP) for use in evaluating the effectiveness of best management practice (BMPs) implementation and 2) to provide long-term monitoring for continuing evaluation of the pollution problems and solutions in the Whitewater River Watershed Project.

3/17/08: Project Manager changed from Tim Larson to Barb Peichel

Assigned Stations

Project Summary

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Station ID	Station Name
S003-604	HDWTRS SPRING & TRIB TO S FK WHITEWATER R IN S25, N OF I-90
S003-605	HDWTRS SPRING & TRIB TO S FK WHITEWATER R IN S30, N OF I-90
S003-606	HDWTRS SPRING & TRIB TO N BR ROOT R IN S1, W OF MN-74
S003-607	HDWTRS SPRING AND TRIB TO N BR ROOT R BTWN S1 AND S12
S003-608	HDWTRS SPRING & TRIB TO N BR ROOT R IN S12, .5 MI W OF MN-74
S003-624	HDWTRS SPRING & TRIB AT POND OTLT TO SF WHITEWATER R

Project WWSP Whitewater State Park Bacteria Monitoring
Start Date 01/01/2005 **Planned Duration** Long term
Purpose Condition monitoring

Assigned Stations

Station ID	Station Name
S004-611	UNN STRM AT WHITEWATER BEACH IN WHITEWATER STATE PARK
S004-612	UNN STRM AT INFLOW TO WHITEWTR BEACH IN WHITEWTR STATE PARK

Project WWTP_PFC PFC samples collected from MN waste water treatment plants
Start Date 01/01/2007 **Planned Duration** Ongoing
Purpose PFC samples collected from MN waste water treatment plants

Project YM_FECAL South Branch Yellow Medicine River Fecal Coliform TMDL Study
Start Date 04/01/1999 **Planned Duration** One year
Purpose Condition monitoring to determine the level of Fecal Coliform impairment in the watershed.
Study Area Statewide.

Assigned Stations

Station ID	Station Name
S001-156	S BR YELLOW MEDICINE R AT CSAH-10, AT MINNEOTA
S002-320	SO BR YELLOW MEDICINE R ON CSAH-26, 4 MI N MINNEOTA
S002-326	UNN TRIB TO SO BR YELLOW MED R ON 140TH ST, 1 MI W MINNEOTA
S002-327	SO BR YELLOW MED R ON 340TH ST, 1 MI SO OF MINNEOTA
S002-328	SO BR YELLOW MED R ON CR-76, 5 MI SO AND 3 MI W OF MINNEOTA
S002-329	UNN TRIB TO SO BR YELLOW MED R ON CR-110, 7 1/4 MI E IVANHOE
S002-330	SO BR YELLOW MED R ON CR-127, 4 1/2 MI E OF IVANHOE
S002-331	JD NO. 29 ON CR-126, 3 MI NO AND 1 MI EAST OF ARCO
S002-332	JD NO. 29 ON CSAH-15, 1/2 MILE EAST OF ARCO
S002-333	COUNTY DITCH NO. 35 ON CSAH-5, 3 MI W AND 1 MI N OF ARCO
S002-334	COUNTY DITCH NO. 35 ON TWNSHP RD, 4 MI W AND 1 MI SO OF ARCO

Project Summary

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Project YM_TMDL South Branch Yellow Medicine River TMDL Project

Start Date 03/01/2001 **Planned Duration** Three years

Purpose The focus and priary intent of this project is to advance the current understanding of the cause-effect mechanisms relating the watershed land use practices to river sanitary quality.

Study Area Statewide

Assigned Stations

Station ID	Station Name
S001-156	S BR YELLOW MEDICINE R AT CSAH-10, AT MINNEOTA
S001-217	S BR YELLOW MEDICINE R AT CSAH-3, AT MINNEOTA
S002-320	SO BR YELLOW MEDICINE R ON CSAH-26, 4 MI N MINNEOTA
S002-326	UNN TRIB TO SO BR YELLOW MED R ON 140TH ST, 1 MI W MINNEOTA
S002-327	SO BR YELLOW MED R ON 340TH ST, 1 MI SO OF MINNEOTA
S002-328	SO BR YELLOW MED R ON CR-76, 5 MI SO AND 3 MI W OF MINNEOTA
S002-335	SO BR YELLOW MED R AT 370TH ST, 2 MI NE OF MINNEOTA
S002-336	SO BR YELLOW MED R AT 160TH STREET, 1 MI NE OF MINNEOTA
S002-337	SO BR YELLOW MED R AT CSAH-3, 2 MI SO OF MINNEOTA
S002-338	SO BR YELLOW MED R AT CSAH-8 BRIDGE, 3 1/4 MI SO OF MINNEOTA
S002-339	SO BR YELLOW MED R AT 130TH ST BRG, 5 MI SW OF MINNEOTA
S002-340	SO BR YELLOW MEDICINE R AT CSAH-13 BRG, 7 MI SW OF MINNEOTA
S002-341	SO BR YELLOW MED R AT 290TH ST BRG, 7 1/2 MI SW OF MINNEOTA
S002-342	SO BR YELLOW MED R AT GRVL PIT RD, 8 MI SW OF MINNEOTA
S002-343	SO BR YELLOW MED R AT CSAH-13 BRG, 8 1/3 MI SW OF MINNEOTA
S002-344	SO BR YELLOW MED R AT MN-19 BRG, 8 1/2 MI SW OF MINNEOTA
S002-345	SO BR YELLOW MED R ON UNN STREET, 6 MI NE OF ARCO
S002-346	SO BR YELLOW MED R AT UNN STREET, 5 MI NE OF ARCO
S002-347	UNN TRIB TO SO BR YELLOW MED R AT MN-19, 5 1/2 MI E IVANHOE
S002-348	UNN TRIB TO SO BR YELLOW MED R AT CSAH-8, 6 MI E OF IVANHOE
S002-349	UN TRIB TO SO BR YELLOW MED R AT UNN ST, 7 1/4 MI NE IVANHOE
S002-350	UN TRIB TO SO BR YEL MED R AT 310TH ST, 5 3/4 MI SW MINNEOTA
S002-351	UN TRIB TO SO BR YEL MED R AT CSAH-8, 4 3/4 MI SW MINNEOTA
S002-352	UNN TRIB TO SO BR YELLOW MED R AT 330TH ST, 4 MI SW MINNEOTA
S002-353	UNN TRIB TO SO BR YELLOW MED R AT 340TH ST, 3 MI SW MINNEOTA

Project ZUMBRO Zumbro River Watershed Turbidity and Excess Nutrients TMDLs

Project Summary

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Minnesota Pollution Control Agency

Start Date 01/01/2007 **Planned Duration** 2.5 years

Purpose Problem Investigation - TMDL

A80441

In 2007, the project was partially funded with CWLA funds.

Project Design (A) Complete Total Maximum Daily Load (TMDL) computations for each of the impaired waters listings in the Zumbro River watershed, according to their respective pollutants. The general approach to these impairments will be undertaken at the major watershed scale; however, the final product will include TMDL computations and corresponding load allocations and waste load allocations for each listing.
(B) Develop management strategies to address pollutant sources, according to the load allocations and waste load allocations. The strategies will be summarized in an outline that will be the basis for an implementation plan to address problems on the major watershed scale, but also provide recommendations specific to each listing.
Authoring the formal implementation plan is not part of this contract.

Obtain Plan Citation for Plan:

Greg Wilson
Barr Engineering
4700 West 7th Street
Edina, MN 55435
952-832-2672
gwilson@barr.com

Assigned Stations

Station ID	Station Name
55-0004	ZUMBRO
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S000-333	S FK ZUMBRO R ON CSAH-22 .3 MI N OF ROCHESTER
S000-800	BEAR CREEK ON USH-14 AT ROCHESTER
S000-820	S FK ZUMBRO R ON CSAH-7 3.4 MI SE OF MAZEPPA
S001-354	CASCADE CK AT 7TH ST NW BR IN ROCHESTER, MN
S001-572	SILVER CK AT CR-155 BRG, 1 MI E OF ROCHESTER
S001-729	S BR MID FK ZUMBRO R, 3.3 MI E OF MANTORVILLE, MN
S001-752	UNN TRIB TO DUCK LK, .5 MI N OF MADISON, MN
S003-802	ZUMBRO R, S FK, AT 90TH ST BRG, 4 MI SE OF ORONOCO, MN
S004-382	MF ZUMBRO R AT CSAH-3, JUST S OF PINE ISLAND
S004-383	NF ZUMBRO R AT CSAH-30, 1 MI NW OF WANAMINGO
S004-384	ZUMBRO R AT US-61 IN KELLOGG
S004-385	SF ZUMBRO R AT US-14 BRG, SOUTH END OF ROCHESTER
S004-386	REDWOOD R, PUBLIC BOAT DOCK, NEAR REDWOOD FALLS
S004-452	W INDIAN CK, JUST E OF CSAH-4, 6 MI N OF PLAINVIEW
S004-453	WELLS CK AT FLORENCE RD, 1.5 MI SW OF FRONTENAC
S004-486	MILLIKEN CK AT CSAH-9, 2 MI SE OF CONCORD
S004-513	ZUMBRO R, MF, .25 MI S OF CR-110, 1 MI SE OF ORONOCO

Project Summary

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MNPCA1 Minnesota Pollution Control Agency

Project ZUMTMDL Lake Zumbro TMDL

Start Date 04/01/2003 **Planned Duration** Four years

Purpose Condition and problem investigation.

Assigned Stations

Station ID	Station Name
S000-268	ZUMBRO R S FORK AT CSAH-14, 3 MI N OF ROCHESTER
S002-115	MID FK ZUMBRO R AT LAKE SHADY DAM