

Water Quality at Miscellaneous Sites

WATER QUALITY AT MISCELLANEOUS SITES

Samples are collected at sites other than gaging stations and partial-record stations to give better areal coverage. Such stations are referred to as miscellaneous stations. Letter E indicates estimated value. Letter K indicates non-ideal colony count.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

05061330		- UNNAMED POND, TRIB. TO BIG SLOUGH NEAR ROLLAG, MN						
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)	
FEB								
08...	1345	1540	7.5	.5	E5.2	.2	1	
05061340		- STONY CK (BIG SLOUGH) ABV OUTLT NR BARNESVILLE, MN						
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (MM HG) (00025)	BARO- METRIC PRES- SURE OF (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)	
FEB								
08...	1245	2430	7.0	.5	726	.2	2	
05061382		- SOUTH POOL OUTLET OF BJORNSON W.M.A. NR ROLLAG, MN						
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)	
FEB								
08...	1630	1330	7.6	.8	E1.5	.3	2	
05061385		- RUSHFIELDT LAKE NEAR DOWNER, MN						
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)
FEB								
08...	1530	1240	8.8	.5	E2.0	--	6.2	47
08...	1535	--	--	3.6	--	728	<.7	--
05061387		- NORTH POOL, BJORSON W.M.A., NEAR ROLLAG, MN NEAR DOWNER, MN						
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)	
FEB								
08...	1450	1290	7.3	.1	E.20	.3	2	

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

05061388 - NORTH POOL OUTLET OF BJORNSON W.M.A. NR ROLLAG, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 08...	1445	1360	7.3	.0	5.6 40

05062580 - GARDEN SLOUGH IMP. BELOW CO. RD. 19 NEAR GARY, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 09...	1145	950	7.4	.5	E.10	--	.2 2
09...	1215	1100	7.3	4.9	E6.5	742	.1 1
09...	1220	1030	7.5	3.6	--	--	-- --

05064000 - WILD RICE RIVER AT HENDRUM, MN

DATE	TIME	SEDI- MENT, SUS- PENDE (MG/L) (80154)
OCT 28...	1025	92
DEC 11...	1020	131
MAY 10...	1510	408
JUN 15...	1640	175
SEP 18...	1240	117

05067317 - SANDE IMP POOL B2, IN SUNDAL TWP. NR FLAMING, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 24...	1345	1410	7.1	.8	735	.3 2

05067327 - POOL B3 ABOVE CO DITCH 45 NEAR FLAMING, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 24...	1300	1200	7.3	.9	734	.2 2
24...	1310	1210	7.3	1.9	734	.3 2

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

05067333 - POOL A4 ABOVE CO. DITCH 45 NEAR FLAMING, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)
FEB 24...	1210	1360	7.0	1.5		733	1.4	11

05067395 - LOCKHART SWAMP IMP AGASSIZ NO2 WMA NR FLAMING, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)
FEB 09...	1345	1230	7.3	.2	E10	736	.3	2
09...	1350	1310	7.3	2.4	--	736	.2	1

05074760 - UNNAMED DITCH ABOVE GOOD LAKE, NEAR ERIE, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)
OCT 14...	1050	357	7.6	7.5	--	--	11.4	--
JAN 21...	1115	472	6.8	.2	E.00	726	.2	1
FEB 22...	1540	678	7.2	.2	E1.7	741	.2	1

05074765 - GOOD LAKE IMPOUNDMENT, MID-POOL, NEAR ERIE, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)
JAN 20...	1425	447	7.4	1.1	E.00	726	3.1	23
20...	1426	447	7.3	2.7	--	726	1.1	9
FEB 22...	1410	526	7.4	.3	--	741	.2	2
22...	1420	518	7.3	1.9	--	741	.1	1
22...	1430	514	7.2	2.9	--	741	.1	1

05074770 - GOOD LAKE ABOVE OUTLET NEAR ERIE, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)
FEB 22...	1635	569	7.3	.2		741	.3	2

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

05074780 - GOOD LAKE OUTLET NEAR ERIE, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
JAN 20...	1500	525	7.1	.8	E3.0	726	8.4 62
FEB 22...	1645	562	7.5	.5	--	744	6.9 50

05075380 - MOOSE RIVER IMPOUNDMENT, NORTH POOL, NR GRYGLA, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 10...	1510	376	7.5	1.3	722	.1	1

05075680 - MOOSE RIVER IMPOUNDMENT, SOUTH POOL, NR GRYGLA, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 10...	1350	498	7.3	.9	E.10	722	.1 1
10...	1400	581	7.1	3.6	E1.4	722	.1 1

05079698 - BURNHAM CREEK IMP., MID-POOL, NEAR TILDEN JCT., MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 11...	0950	815	7.6	.6	E.00	741	3.6 26
11...	0955	825	7.5	1.7	E8.1	741	3.3 25
24...	1520	945	7.6	3.3	--	738	.2 2
24...	1525	934	7.6	1.3	E1.9	738	.5 4

05355250 - MISSISSIPPI RIVER AT RED WING, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
DEC 22...	1200	470	8.0	8.1	.3	750	12.7 90	220
JAN 19...	1140	535	7.6	7.8	1.0	748	11.8 85	240
FEB 16...	1130	554	7.8	8.1	2.3	750	11.7 86	240

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

05355250 - MISSISSIPPI RIVER AT RED WING, MN

DATE	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ANC UNFLTRD LAB (MG/L AS CACO3) (90410)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	NITRO-GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO-GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO-GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS- SOLVED (MG/L AS P) (00666)
DEC 22...	154	178	188	.066	.024	.56	.76	1.76	.099	.038
JAN 19...	186	191	227	.257	.031	.76	.85	1.81	.119	.085
FEB 16...	185	196	226	.230	.036	.63	.85	1.79	.174	.126

DATE	PHOS-PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS-SIUM, DIS- SOLVED (MG/L AS K) (00935)	CHLO-RIDE, DIS- SOLVED (MG/L AS CL) (00940)
DEC 22...	.062	7.2	.80	52	21	14	.4	2.3	17
JAN 19...	.068	6.7	.30	58	23	20	.6	3.0	25
FEB 16...	.106	5.6	.30	58	22	24	.7	3.1	33

DATE	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS- SOLVED (UG/L AS MN) (01056)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS- SOLVED (MG/L) (70301)	SEDI-MENT, SUS- PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
DEC 22...	50	.21	12	41	28	308	269	21	79
JAN 19...	52	.18	14	40	54	341	315	17	92
FEB 16...	48	.20	13	29	62	333	321	15	84

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

05475200 - DES MOINES RIVER ABOVE GREAT BEND NR WINDOM, MN											
DATE	TIME	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	
SEP 07...	1500	<.020	<.010	1.3	<.050	.132	<.050	<.010	23	210	
05475250 - DES MOINES RIVER BLW GREAT BEND NR WINDOM, MN											
DATE	TIME	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	
SEP 08...	1000	<.020	<.010	1.1	<.050	.099	<.050	<.010	16	170	
05475350 - DES MOINES RIVER ABOVE WINDOM, MN (DM4)											
DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	ALKA-LINITY WAT DIS TOT IT (MG/L AS CAC03) (39086)	BICAR-BONATE DIS IT FIELD (MG/L AS HCO3) (00453)	
APR 27...	1250	1470	914	8.3	10.7	725	9.6	91	224	270	
SEP 09...	0935	--	--	--	--	--	--	--	--	--	
DATE	TIME	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 27...	<.020	.027	.55	1.3	<.050	.156	.016	.025	--	--	
SEP 09...	<.020	<.010	--	2.7	<.050	.438	<.050	<.010	17	160	
05475600 - DES MOINES RIVER AT WINDOM, MN											
DATE	TIME	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	
SEP 09...	1530	<.020	<.010	1.2	<.050	.194	E.035	<.010	20	150	

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

471213096122301 - HOME LAKE, NORTHEAST END, NEAR FOSSUM, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
FEB								
09...	1010	536	7.4	1.3	E1.0	736	.2	2
09...	1015	580	7.2	3.8	E8.9	736	.1	1

473034096130501 - RAFF LAKE NEAR FERTILE, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
FEB								
09...	1525	537	7.8	1.4	E.10	736	.6	4
09...	1535	604	7.6	4.4	--	736	.1	1

473533096142001 - KITTLESON LAKE NEAR FERTILE, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
FEB							
09...	1640	589	7.6	.7	E.10	.2	1

480005095265901 - CURTIS LAKE, CLEARWATER CO., RED LAKE IND. RES., MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN								
20...	1245	220	7.6	.8	E.45	726	.9	7
20...	1246	220	7.4	3.1	E.00	726	.2	2
FEB								
23...	1220	246	6.9	.2	--	740	.2	2
23...	1230	250	6.8	2.1	--	740	.1	1
23...	1240	247	6.8	1.6	--	740	.1	1

480028095264801 - MISKOGINEU LAKE, CLEARWATER CO., RED L. IND. RES., MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN								
20...	1200	328	7.6	.1	E.00	726	2.5	18
20...	1201	340	7.7	2.3	--	726	1.5	12
FEB								
23...	1320	374	7.3	.7	--	740	.4	3
23...	1330	378	7.2	1.0	--	740	.3	2
23...	1340	379	7.2	1.3	--	740	.4	3

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

480052095275001 - CAHILL LAKE, CLEARWATER COUNTY, RED L. IND. RES., MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
JAN 20...	1115	310	7.6	-.1	E7.6	--	1.3 9
FEB 23...	1030	442	7.1	.5	--	739	.3 2
23...	1040	447	7.1	2.1	--	739	.2 1
23...	1050	442	7.1	1.6	--	739	.2 1

482430095532701 - WEBSTER LAKE AT AGASSIZ NWR NEAR GATZKE, MN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)
FEB 10...	1145	1860	7.1	.5	.2 2

482226092283301 - SANDPOINT LK BL HARRISON NARROWS NR CRANE LK, MN

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	TRANS- PARENCY SECCHI DISC, WATER, UNFLTRD (FEET) (49701)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)	COLI- FORM, FECAL, (PER- CENT UM-MF (COLS./ 100 ML) (31625)		
JUL 28...	1315	6.90	6.9	64	69	7.7	7.0	23.0	730	7.3	89	<1
28...	1335	80.0	--	55	63	7.4	6.8	6.0	--	6.8	--	--

DATE	TIME	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS DIS- TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JUL 28...	19	.022	.003	.50	.52	<.005	.013	.006	.001	1.60	E.120	
28...	16	.003	.001	.39	.43	.164	.014	.011	.005	--	--	

482451092471001 - ASH RIVER AT ENTRANCE TO SULLIVAN BAY NR RAY, MN

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	TRANS- PARENCY SECCHI DISC, WATER, UNFLTRD (FEET) (49701)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)	COLI- FORM, FECAL, (PER- CENT UM-MF (COLS./ 100 ML) (31625)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	
JUL 29...	1100	3.00	3.0	182	193	7.9	7.4	24.5	6.5	K8	82

DATE	TIME	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS DIS- TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JUL 29...		.010	.001	.74	.89	<.005	.050	.028	.015	5.00	E.260

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

482616092372201 - NAMAKAN LAKE NEAR RAY, MN

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	TRANS- PARENCY SECCHI DISC, WATER, UNFLTRD (FEET) (49701)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	ALKA- LINITY WAT DIS TOT IT FIELD CACO3 (39086)
JUL 28...	1445	8.00	8.0	44	47	8.0	7.3	23.4	6.6	<1	13
28...	1500	83.5	--	45	51	7.8	6.8	9.6	6.3	--	15

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JUL 28...	.018	.002	.37	.46	.012	.014	.010	.006	1.70	<.100
28...	.004	.001	.29	.29	.093	.016	.005	.002	--	--

482709092264601 - NAMAKAN LAKE AT MOUTH OF NAMAKAN RIVER, ONTARIO

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	TRANS- PARENCY SECCHI DISC, WATER, UNFLTRD (FEET) (49701)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	ALKA- LINITY WAT DIS TOT IT FIELD CACO3 (39086)
JUL 28...	1115	9.00	9.0	40	45	7.9	7.6	23.6	7.6	K3	12

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JUL 28...	.017	.002	.32	.39	.021	.013	.005	.001	1.10	E.100

482721093003901 - KABETOGAMA LAKE NR RAY, MN

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	TRANS- PARENCY SECCHI DISC, WATER, UNFLTRD (FEET) (49701)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	ALKA- LINITY WAT DIS TOT IT FIELD CACO3 (39086)
JUL 29...	1015	7.00	7.0	84	93	8.2	7.9	22.1	7.6	<1	34

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JUL 29...	.003	.002	.38	.52	<.005	.033	.008	.003	2.70	.200

WATER QUALITY AT MISCELLANEOUS SITES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

483304093062701 - RAINY LAKE AT BLACK BAY NR INT FALLS, MN

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	TRANS-PARENCY SECCHI DISC, WATER, UNFLTRD (FEET)	SPE-CIFIC CON- DUCT- ANCE (US/CM)	SPE-CIFIC CON- DUCT- ANCE LAB (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	PH WATER WHOLE LAB (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	BARO- METRIC PRES- SURE (MM HG)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
JUL 27...	1015	3.70	3.7	92	95	7.6	7.1	21.6	735	6.7	79	K3

DATE	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CAC03 (39086)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JUL 27...	37	.003	.001	.31	.47	<.005	.025	.008	.003	1.80	<.100

483622092560701 - RAINY LK AT BRULE NARROWS NR INTERNINL FALLS, MM

DATE	TIME	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	TRANS-PARENCY SECCHI DISC, WATER, UNFLTRD (FEET)	SPE-CIFIC CON- DUCT- ANCE (US/CM)	SPE-CIFIC CON- DUCT- ANCE LAB (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	PH WATER WHOLE LAB (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	ALKA- LINITY WAT DIS TOT IT FIELD CAC03 (39086)
JUL 27...	1130	8.40	8.4	46	50	7.3	6.8	18.5	7.9	K1	14

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JUL 27...	.005	.001	.28	.31	.017	.010	.004	.001	1.10	<.100