

WATER QUALITY DATA

MISCELLANEOUS SITES

AMPHIBIAN RESEARCH AND MONITORING

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	Sample type	Medium code	SAMPLING DEPTH (FEET) (00003)	BAROMETRIC PRES-SURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATUR-ATION (00301)	PH WATER WHOLE FIELD-ARD (00400)	PH WATER WHOLE LAB-ARD (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (90095)	SPE-CIFIC CON-DUCT-ANCE LAB (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
463712096154001 JWPA SITE POND NEAR PELICAN RAPIDS, MN (LAT 46 37 12N LONG 096 15 40W)													
OCT 2001	01...	1430	ENVIRONMENTAL	1.00	733	4.6	49	8.3	--	--	688	--	16.8
	01...	1432	REPLICATE	--	--	--	--	--	--	--	--	--	--
	01...	1530	ENVIRONMENTAL	.05	733	4.9	51	8.3	--	--	688	23.0	16.9
	02...	1200	ENVIRONMENTAL	.00	722	--	--	--	--	--	--	23.5	--
454753096303301 TRD WETLAND AT WHEATON HIGH SCHOOL IN WHEATON, MN (LAT 45 47 53N LONG 096 30 33W)													
OCT 2001	03...	0900	ENVIRONMENTAL	1.00	735	7.8	79	8.7	--	--	1230	--	14.3
	03...	1000	ENVIRONMENTAL	.05	735	7.8	79	8.7	--	--	1230	--	14.3
	03...	1200	ENVIRONMENTAL	.00	--	--	--	--	--	--	--	--	--
462327093575801 UNNAMED POND NORTH OF L. NOKAY NR ESDEN, MN (CWB) (LAT 46 23 27N LONG 093 57 58W)													
OCT 2001	09...	0900	ENVIRONMENTAL	1.00	729	8.6	81	7.2	--	--	41	16.5	10.8
	09...	1000	ENVIRONMENTAL	.05	735	7.8	79	8.7	--	--	1230	--	14.3
	09...	1200	ENVIRONMENTAL	.00	729	--	--	--	--	--	--	16.5	--
483152092572701 WETLAND NEAR QUILL LAKE (V6DB1) NR KABETOGAMA, MN (LAT 48 31 52N LONG 092 57 27W)													
JUL 2002	16...	1730	ENVIRONMENTAL	--	727	6.0	83	5.9	--	--	24	33.0	30.0
	16...	1730	BED MATERIAL	--	--	--	--	--	--	--	--	--	--
482534092482301 WETLAND AT SULLIVAN BAY (V2DF1) NR KABETOGAMA, MN (LAT 48 25 34N LONG 092 48 23W)													
JUL 2002	16...	1800	ENVIRONMENTAL	--	731	7.4	101	8.3	--	--	148	33.0	29.0
	16...	1800	BED MATERIAL	--	--	--	--	--	--	--	--	--	--
482513092400501 WETLAND NEAR JUNCTION BAY (V1BD1) NR KABETOGAMA, MN (LAT 48 25 13N LONG 092 40 05W)													
JUL 2002	18...	1430	ENVIRONMENTAL	--	738	8.7	122	6.8	--	--	39	31.5	30.5
	18...	1430	BED MATERIAL	--	--	--	--	--	--	--	--	--	--
454147092522301 WETLAND BY ST. CROIX R. NR RUSH CITY, MN (SC4DC1) (LAT 45 41 47N LONG 092 52 23W)													
AUG 2002	25...	1400	ENVIRONMENTAL	--	742	.3	2	6.4	7.0	156	148	23.7	21.1
460211092005201 WETLAND WEST OF NAMEKAGON R. NR MINONG, WI (SC9DE2) (LAT 46 02 11N LONG 092 00 52W)													
AUG 2002	26...	1100	ENVIRONMENTAL	--	741	8.6	97	7.7	7.3	155	153	22.5	19.9
461356091102001 WETLAND BELOW NAMEKAGON LAKE NEAR CABLE, WI (LAT 46 13 56N LONG 091 10 20W)													
AUG 2002	26...	1600	ENVIRONMENTAL	--	726	4.2	55	6.3	6.7	39	33	--	27.2

WATER QUALITY DATA  
MISCELLANEOUS SITES--Continued  
AMPHIBIAN RESEARCH AND MONITORING--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CALCIUM DIS- SOLVED (MG/L AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K (00935)	SODIUM, DIS- SOLVED (MG/L AS NA (00930)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2 (00955)	SULFATE DIS- SOLVED (MG/L AS SO4 (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L AS N (70300)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N (00608)
463712096154001 JWPA SITE POND NEAR PELICAN RAPIDS, MN (LAT 46 37 12N LONG 096 15 40W)													
OCT 2001													
01...	--	--	--	--	353	413	9	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	365	418	13	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
454753096303301 TRD WETLAND AT WHEATON HIGH SCHOOL IN WHEATON, MN (LAT 45 47 53N LONG 096 30 33W)													
OCT 2001													
03...	--	--	--	--	266	290	17	--	--	--	--	--	--
03...	--	--	--	--	264	288	14	--	--	--	--	--	--
03...	--	--	--	--	--	--	--	--	--	--	--	--	--
462327093575801 UNNAMED POND NORTH OF L. NOKAY NR ESDEN, MN (CWB) (LAT 46 23 27N LONG 093 57 58W)													
OCT 2001													
09...	--	--	--	--	19	20	--	--	--	--	--	--	--
09...	--	--	--	--	17	21	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
483152092572701 WETLAND NEAR QUILL LAKE (V6DB1) NR KABETOGAMA, MN (LAT 48 31 52N LONG 092 57 27W)													
JUL 2002													
16...	--	--	--	--	--	--	--	--	--	--	--	--	.04
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
482534092482301 WETLAND AT SULLIVAN BAY (V2DF1) NR KABETOGAMA, MN (LAT 48 25 34N LONG 092 48 23W)													
JUL 2002													
16...	--	--	--	--	--	--	--	--	--	--	--	--	E.02
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
482513092400501 WETLAND NEAR JUNCTION BAY (V1BD1) NR KABETOGAMA, MN (LAT 48 25 13N LONG 092 40 05W)													
JUL 2002													
18...	--	--	--	--	--	--	--	--	--	--	--	--	.38
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
454147092522301 WETLAND BY ST. CROIX R. NR RUSH CITY, MN (SC4DC1) (LAT 45 41 47N LONG 092 52 23W)													
AUG 2002													
25...	16.4	5.53	1.13	2.01	--	--	--	1.94	E.1	25.7	1.9	126	1.21
460211092005201 WETLAND WEST OF NAMEKAGON R. NR MINONG, WI (SC9DE2) (LAT 46 02 11N LONG 092 00 52W)													
AUG 2002													
26...	19.3	5.66	.43	2.72	--	--	--	3.19	<.1	13.1	3.2	104	<.04
461356091102001 WETLAND BELOW NAMEKAGON LAKE NEAR CABLE, WI (LAT 46 13 56N LONG 091 10 20W)													
AUG 2002													
26...	5.02	1.56	<.10	.65	--	--	--	<.30	<.1	4.55	.3	75	.05

WATER QUALITY DATA

MISCELLANEOUS SITES--Continued

AMPHIBIAN RESEARCH AND MONITORING--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	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)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)
	463712096154001 JWPA SITE POND NEAR PELICAN RAPIDS, MN (LAT 46 37 12N LONG 096 15 40W)												
OCT 2001													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
	454753096303301 TRD WETLAND AT WHEATON HIGH SCHOOL IN WHEATON, MN (LAT 45 47 53N LONG 096 30 33W)												
OCT 2001													
03...	--	--	--	--	--	--	--	--	--	--	--	--	--
03...	--	--	--	--	--	--	--	--	--	--	--	--	--
03...	--	--	--	--	--	--	--	--	--	--	--	--	--
	462327093575801 UNNAMED POND NORTH OF L. NOKAY NR ESDEN, MN (CWB) (LAT 46 23 27N LONG 093 57 58W)												
OCT 2001													
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	--	--
	483152092572701 WETLAND NEAR QUILL LAKE (V6DB1) NR KABETOGAMA, MN (LAT 48 31 52N LONG 092 57 27W)												
JUL 2002													
16...	.75	1.1	E.03	<.008	.024	<.02	.083	17.0	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
	482534092482301 WETLAND AT SULLIVAN BAY (V2DF1) NR KABETOGAMA, MN (LAT 48 25 34N LONG 092 48 23W)												
JUL 2002													
16...	.73	.93	E.03	<.008	.018	<.02	.047	17.9	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
	482513092400501 WETLAND NEAR JUNCTION BAY (V1BD1) NR KABETOGAMA, MN (LAT 48 25 13N LONG 092 40 05W)												
JUL 2002													
18...	1.2	1.2	.05	<.008	.036	E.01	.081	21.2	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
	454147092522301 WETLAND BY ST. CROIX R. NR RUSH CITY, MN (SC4DC1) (LAT 45 41 47N LONG 092 52 23W)												
AUG 2002													
25...	1.8	2.6	.14	.016	.047	.04	.80	11.1	1.6	<.04	.3	2200	<.08
	460211092005201 WETLAND WEST OF NAMEKAGON R. NR MINONG, WI (SC9DE2) (LAT 46 02 11N LONG 092 00 52W)												
AUG 2002													
26...	.30	.29	.08	<.008	.011	<.02	.017	6.4	.5	<.04	.4	147	<.08
	461356091102001 WETLAND BELOW NAMEKAGON LAKE NEAR CABLE, WI (LAT 46 13 56N LONG 091 10 20W)												
AUG 2002													
26...	1.1	1.1	<.05	<.008	.026	<.02	.055	30.7	.9	<.04	.6	657	E.07

WATER QUALITY DATA  
 MISCELLANEOUS SITES--Continued  
 AMPHIBIAN RESEARCH AND MONITORING--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	Data base number
463712096154001 JWPA SITE POND NEAR PELICAN RAPIDS, MN (LAT 46 37 12N LONG 096 15 40W)			
OCT 2001			
01...	--	--	01
01...	--	--	77
01...	--	--	01
02...	--	--	01
454753096303301 TRD WETLAND AT WHEATON HIGH SCHOOL IN WHEATON, MN (LAT 45 47 53N LONG 096 30 33W)			
OCT 2001			
03...	--	--	01
03...	--	--	01
03...	--	--	01
462327093575801 UNNAMED POND NORTH OF L. NOKAY NR ESDEN, MN (CWB) (LAT 46 23 27N LONG 093 57 58W)			
OCT 2001			
09...	--	--	01
09...	--	--	01
09...	--	--	01
483152092572701 WETLAND NEAR QUILL LAKE (V6DB1) NR KABETOGAMA, MN (LAT 48 31 52N LONG 092 57 27W)			
JUL 2002			
16...	--	--	01
16...	--	--	01
482534092482301 WETLAND AT SULLIVAN BAY (V2DF1) NR KABETOGAMA, MN (LAT 48 25 34N LONG 092 48 23W)			
JUL 2002			
16...	--	--	01
16...	--	--	01
482513092400501 WETLAND NEAR JUNCTION BAY (V1BD1) NR KABETOGAMA, MN (LAT 48 25 13N LONG 092 40 05W)			
JUL 2002			
18...	--	--	01
18...	--	--	01
454147092522301 WETLAND BY ST. CROIX R. NR RUSH CITY, MN (SC4DC1) (LAT 45 41 47N LONG 092 52 23W)			
AUG 2002			
25...	1370	<1	01
460211092005201 WETLAND WEST OF NAMEKAGON R. NR MINONG, WI (SC9DE2) (LAT 46 02 11N LONG 092 00 52W)			
AUG 2002			
26...	17.8	<1	01
461356091102001 WETLAND BELOW NAMEKAGON LAKE NEAR CABLE, WI (LAT 46 13 56N LONG 091 10 20W)			
AUG 2002			
26...	89.4	4	01

WATER QUALITY DATA

MISCELLANEOUS SITES--Continued

AMPHIBIAN RESEARCH AND MONITORING--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	Sample type	Medium code	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	PH WATER FIELD (STAND-ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	
451714092452501 ST. CROIX RIVER WETLAND NEAR OSCEOLA, WI (SC2DD1) (LAT 45 17 14N LONG 092 45 25W)														
AUG 2002	28...	1000	ENVIRONMENTAL	749	.7	9	6.6	6.7	249	265	25.5	22.1	32.7	
435519091153701 SLOUGH BY MISSISSIPPI R. ABOVE MIDWAY, WI (P7DA2) (LAT 43 55 19N LONG 091 15 37W)														
SEP 2002	03...	1500	ENVIRONMENTAL	745	2.3	26	7.2	7.7	517	534	31.0	21.5	64.6	
03...	1502	ENVIRONMENTAL	--	--	--	--	E7.5	E7.5	519	--	--	--	64.6	
03...	1502	REPLICATE		745	2.3	24	7.2	E7.5	519	534	31.0	21.5	64.6	
442342092023601 SLOUGH ON MISSISSIPPI RIVER ABV NELSON, WI (P4DA1) (LAT 44 23 42N LONG 092 02 36W)														
SEP 2002	03...	1000	ENVIRONMENTAL	744	.3	3	6.5	7.3	215	229	22.6	19.5	25.0	
425101091043601 SLOUGH ON MISSISSIPPI R. BLW GLEN HAVEN,WI(P10DA1) (LAT 42 51 01N LONG 091 04 36W)														
SEP 2002	04...	1300	ENVIRONMENTAL	749	9.7	121	8.5	8.4	312	312	32.3	25.7	35.6	
Date		MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	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)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
451714092452501 ST. CROIX RIVER WETLAND NEAR OSCEOLA, WI (SC2DD1) (LAT 45 17 14N LONG 092 45 25W)														
AUG 2002	28...	11.8	.66	3.84	1.85	E.1	9.45	3.7	175	<.04	.86	1.3	<.05	<.008
435519091153701 SLOUGH BY MISSISSIPPI R. ABOVE MIDWAY, WI (P7DA2) (LAT 43 55 19N LONG 091 15 37W)														
SEP 2002	03...	27.2	2.78	7.32	17.8	.1	20.7	14.0	314	<.04	.32	.61	.13	E.005
03...	27.4	2.75	7.34	17.9	.1	20.8	14.1	312	<.04	.32	.45	.13	E.005	
03...	27.4	2.75	7.34	17.9	.1	20.8	14.1	312	<.04	.32	.45	.13	E.005	
442342092023601 SLOUGH ON MISSISSIPPI RIVER ABV NELSON, WI (P4DA1) (LAT 44 23 42N LONG 092 02 36W)														
SEP 2002	03...	8.93	1.93	4.23	6.09	E.1	10.0	3.0	138	.17	.63	1.1	<.05	<.008
425101091043601 SLOUGH ON MISSISSIPPI R. BLW GLEN HAVEN,WI(P10DA1) (LAT 42 51 01N LONG 091 04 36W)														
SEP 2002	04...	14.3	2.44	8.44	12.1	.1	6.85	15.3	195	.05	.64	.90	.35	.012
Date		PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	Data base number	
451714092452501 ST. CROIX RIVER WETLAND NEAR OSCEOLA, WI (SC2DD1) (LAT 45 17 14N LONG 092 45 25W)														
AUG 2002	28...	.083	.06	.21	14.7	1.3	<.04	.5	1200	<.08	1210	2	01	
435519091153701 SLOUGH BY MISSISSIPPI R. ABOVE MIDWAY, WI (P7DA2) (LAT 43 55 19N LONG 091 15 37W)														
SEP 2002	03...	.072	.06	.28	5.4	1.0	<.04	.4	58	E.05	114	<1	01	
03...	.072	.06	.164	5.1	.9	<.04	.4	33	<.08	97.8	<1	01		
03...	.072	.06	.164	--	.9	<.04	.4	33	<.08	97.8	<1	77		
442342092023601 SLOUGH ON MISSISSIPPI RIVER ABV NELSON, WI (P4DA1) (LAT 44 23 42N LONG 092 02 36W)														
SEP 2002	03...	.009	<.02	.27	8.9	1.6	<.04	.2	1400	<.08	2550	<1	01	
425101091043601 SLOUGH ON MISSISSIPPI R. BLW GLEN HAVEN,WI(P10DA1) (LAT 42 51 01N LONG 091 04 36W)														
SEP 2002	04...	.087	.05	.136	8.2	1.6	<.04	1.3	224	.22	94.5	1	01	

