

QUALITY OF WATER AT RAIN GARDEN SITES

MISCELLANEOUS STATION ANALYSES

Date	Time	Sample type	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfl lab, uS/cm (90095)	Specif. conduc- tance, wat unfl uS/cm (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Chlor- ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
450943092593901 RAIN GARDEN WELL AT HUGO, MN. (LAT 45 09 43N LONG 092 59 39W)												
OCT 2003 30...	1405	Environmental	7.0	--	79	--	13.2	1.35	--	--	.18	<.04
APR 2004 27...	1055	Environmental	6.8	--	89	--	--	11.5	68	--	E.09	<.04
JUN 04...	1215	Environmental	6.5	--	56	--	--	.50	43	--	.14	<.04
SEP 07...	1330	Environmental	6.9	--	73	--	--	.75	--	--	.16	<.04
12...	1345	Environmental	6.8	--	62	--	--	.84	--	--	.12	<.04
16...	1130	Environmental	8.0	--	53	21.0	--	.72	--	--	.16	<.04
450943092593902 RAIN GARDEN LYSIMETER AT HUGO, MN. (LAT 45 09 43N LONG 092 59 39W)												
OCT 2003 30...	1330	Soil Moisture	--	178	--	--	--	1.10	--	--	.73	<.04
JUN 2004 04...	1145	Soil Moisture	--	--	324	--	--	--	--	--	.53	--
04...	1330	Soil Moisture	--	--	230	--	--	5.39	--	--	.35	--
SEP 12...	1630	Soil Moisture	9.2	--	149	--	--	--	--	--	.29	<.04
16...	1120	Soil Moisture	7.5	--	123	21.0	--	.38	--	--	.26	<.04
450943092593903 RAIN GARDEN INFLOW AT HUGO, MN. (LAT 45 09 43N LONG 092 59 39W)												
OCT 2003 28...	1329	Environmental	8.0	--	144	--	--	2.97	63	38	1.1	.19
APR 2004 18...	1930	Environmental	8.1	--	89	--	--	5.54	65	384	3.9	1.02
AUG 08...	0530	Environmental	--	59	--	--	--	1.58	35	53	.71	.20
SEP 05...	0343	Environmental	8.3	--	469	--	--	4.63	272	37	.70	<.04
05...	1708	Environmental	7.6	--	92	--	--	1.44	46	78	.78	<.04
05...	1710	Replicate	7.6	68	92	--	--	1.44	45	90	.77	<.04
14...	2049	Environmental	7.0	--	74	--	--	3.03	65	54	.95	<.04
450946092593901 RAIN GARDEN BACKGROUND WELL AT HUGO, MN. (LAT 45 09 46N LONG 092 59 39W)												
OCT 2003 30...	1240	Environmental	6.6	--	166	--	13.6	14.9	--	--	.12	<.04
APR 2004 27...	1220	Environmental	6.8	--	247	--	--	48.4	144	--	.11	<.04
JUN 04...	1030	Environmental	6.6	--	218	--	--	38.8	131	--	.15	<.04
SEP 07...	1230	Environmental	7.1	--	190	--	--	45.8	--	--	.12	<.04
12...	1430	Environmental	6.6	--	237	--	--	45.9	--	--	E.06	<.04
16...	1300	Environmental	7.2	--	207	21.0	--	43.0	--	--	.11	<.04
450946092593902 RAIN GARDEN BACKGROUND LYSIMETER AT HUGO, MN. (LAT 45 09 46N LONG 092 59 39W)												
OCT 2003 30...	1245	Soil Moisture	--	174	--	--	--	1.70	--	--	.82	<.04
APR 2004 27...	1200	Soil Moisture	--	178	--	--	--	15.4	--	--	.23	--
SEP 12...	1530	Soil Moisture	8.7	--	174	--	--	--	--	--	.34	--

WATER QUALITY DATA

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)
450943092593901 RAIN GARDEN WELL AT HUGO, MN. (LAT 45 09 43N LONG 092 59 39W)				
OCT 2003				
30...	2.09	<.008	.06	.06
APR 2004				
27...	2.12	<.008	E.02	E.03
JUN				
04...	.42	<.008	.04	.06
SEP				
07...	.54	<.008	.06	.06
12...	.60	<.008	.07	.06
16...	.77	<.008	.07	.08
450943092593902 RAIN GARDEN LYSIMETER AT HUGO, MN. (LAT 45 09 43N LONG 092 59 39W)				
OCT 2003				
30...	1.49	<.008	E.02	E.02
JUN 2004				
04...	--	--	--	E.04
04...	--	--	--	.09
SEP				
12...	2.64	<.008	.09	.08
16...	2.99	<.008	.11	.10
450943092593903 RAIN GARDEN INFLOW AT HUGO, MN. (LAT 45 09 43N LONG 092 59 39W)				
OCT 2003				
28...	.34	.024	.21	.30
APR 2004				
18...	.66	.027	.12	.74
AUG				
08...	.50	.015	.06	.15
SEP				
05...	.78	E.005	.73	.82
05...	.30	.008	.11	.25
05...	.30	.008	.11	.25
14...	.39	.032	.24	.35
450946092593901 RAIN GARDEN BACKGROUND WELL AT HUGO, MN. (LAT 45 09 46N LONG 092 59 39W)				
OCT 2003				
30...	2.06	<.008	.10	.14
APR 2004				
27...	1.51	<.008	.07	.12
JUN				
04...	2.10	<.008	E.04	.05
SEP				
07...	2.00	<.008	.06	.10
12...	1.92	<.008	.06	.06
16...	2.09	<.008	.07	.06
450946092593902 RAIN GARDEN BACKGROUND LYSIMETER AT HUGO, MN. (LAT 45 09 46N LONG 092 59 39W)				
OCT 2003				
30...	2.25	.019	<.04	<.04
APR 2004				
27...	--	--	--	<.04
SEP				
12...	--	--	--	<.04

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
445512092564401 RAIN GARDEN WELL NR WOODBURY, MN. (LAT 44 55 12N LONG 092 56 44W)												
NOV 2003 21...	1000	Environmental	--	289	--	33.8	176	<10	.23	<.04	<.06	<.008
AUG 2004 02...	1500	Environmental	7.4	--	475	68.5	--	--	.65	.06	<.06	.014
24...	1200	Environmental	7.6	384	--	41.6	--	--	.54	E.03	<.06	<.008
24...	1202	Replicate	7.6	378	--	40.9	--	--	.50	E.03	<.06	<.008
28...	1300	Environmental	7.6	--	392	35.2	--	--	.54	E.03	<.06	<.008
SEP 08...	1045	Environmental	6.5	--	307	31.4	--	--	.63	.05	<.06	<.008
26...	1520	Environmental	7.6	--	334	--	--	--	.70	.05	<.06	<.008
445512092564402 RAIN GARDEN LYSIMETER NR WOODBURY, MN. (LAT 44 55 12N LONG 092 56 44W)												
NOV 2003 21...	1000	Soil Moisture	--	2,970	--	693	--	--	.72	.05	4.32	<.008
AUG 2004 02...	1630	Soil Moisture	7.6	--	3,110	--	--	--	.63	.10	.93	<.008
SEP 26...	1630	Soil Moisture	7.3	--	2,330	505	--	--	.52	<.04	<.06	<.008
445512092564403 RAIN GARDEN INFLOW NR WOODBURY, MN. (LAT 44 55 12N LONG 092 56 44W)												
MAR 2004 01...	1730	Environmental	7.6	--	456	107	253	24	4.0	2.21	1.04	.042
JUL 30...	1548	Environmental	--	--	--	12.8	163	150	4.9	.82	1.57	.100
AUG 22...	0419	Environmental	7.8	--	115	17.4	158	70	4.6	.47	1.13	.168
26...	1802	Environmental	6.8	125	--	12.9	98	155	3.5	.79	1.58	.047
SEP 05...	0427	Environmental	7.8	--	113	6.96	80	232	4.5	.22	.76	.200
445516092563801 RAIN GARDEN BACKGROUND WELL NR WOODBURY, MN. (LAT 44 55 16N LONG 092 56 38W)												
NOV 2003 21...	1045	Environmental	--	850	--	152	--	<10	.11	<.04	.70	<.008
AUG 2004 02...	1545	Environmental	7.0	--	545	102	--	--	.15	<.04	.33	<.008
24...	1100	Environmental	7.2	1,270	--	280	--	--	.11	<.04	.53	<.008
28...	1200	Environmental	7.0	--	1,210	247	--	--	.10	<.04	.57	<.008
SEP 08...	1200	Environmental	6.8	--	1,190	301	--	--	.14	<.04	.58	<.008
26...	1700	Environmental	7.2	--	1,330	280	--	--	E.09	<.04	.55	<.008
445516092563803 RAIN GARDEN OUTFLOW NR WOODBURY, MN. (LAT 44 55 16N LONG 092 56 38W)												
MAR 2004 02...	1200	Environmental	7.5	--	439	135	313	<20	2.6	1.22	.90	.036
AUG 01...	0657	Environmental	--	247	--	32.8	155	<10	1.0	.08	.57	.019
27...	1230	Environmental	7.5	309	--	33.8	193	15	.72	<.04	.26	<.008
SEP 06...	0858	Environmental	7.7	--	126	5.20	66	<10	.43	<.04	.08	E.007
445643093253801 RAIN GARDEN WELL NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)												
NOV 2003 13...	1215	Environmental	--	--	2,200	--	--	--	2.8	--	--	--
JUL 2004 30...	1630	Environmental	--	2,890	--	870	--	--	6.7	5.42	.93	.036

WATER QUALITY DATA

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)
445512092564401 RAIN GARDEN WELL NR WOODBURY, MN. (LAT 44 55 12N LONG 092 56 44W)		
NOV 2003		
21...	E.02	E.03
AUG 2004		
02...	.09	.13
24...	E.04	.07
24...	E.03	.07
28...	.04	.06
SEP		
08...	.05	.10
26...	.05	.18
445512092564402 RAIN GARDEN LYSIMETER NR WOODBURY, MN. (LAT 44 55 12N LONG 092 56 44W)		
NOV 2003		
21...	.05	.05
AUG 2004		
02...	E.03	.04
SEP		
26...	.06	.09
445512092564403 RAIN GARDEN INFLOW NR WOODBURY, MN. (LAT 44 55 12N LONG 092 56 44W)		
MAR 2004		
01...	.75	.79
JUL		
30...	.30	.75
AUG		
22...	.15	.45
26...	.08	.40
SEP		
05...	.06	.67
445516092563801 RAIN GARDEN BACKGROUND WELL NR WOODBURY, MN. (LAT 44 55 16N LONG 092 56 38W)		
NOV 2003		
21...	.04	.08
AUG 2004		
02...	E.03	.05
24...	E.02	.09
28...	E.03	E.03
SEP		
08...	E.03	.09
26...	E.03	E.04
445516092563803 RAIN GARDEN OUTFLOW NR WOODBURY, MN. (LAT 44 55 16N LONG 092 56 38W)		
MAR 2004		
02...	.55	.59
AUG		
01...	.14	.20
27...	.07	.14
SEP		
06...	.12	.13
445643093253801 RAIN GARDEN WELL NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)		
NOV 2003		
13...	--	.17
JUL 2004		
30...	<.04	.51

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
445643093253804 RAIN GARDEN SOUTH WELL NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)												
AUG 2004												
29...	1515	Environmental	6.7	--	13,600	4,340	--	--	33	30.3	<.06	<.008
SEP												
22...	1715	Environmental	6.8	--	12,200	3,910	--	--	34	29.2	<.06	<.008
25...	1450	Environmental	7.0	--	9,990	3,100	--	--	30	25.5	<.06	<.008
445643093253802 RAIN GARDEN LYSIMETER NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)												
NOV 2003												
13...	0930	Soil Moisture	8.4	--	1,370	--	--	--	.88	--	--	--
JUL 2004												
30...	1600	Soil Moisture	--	1,140	--	31.2	--	--	1.3	<.04	E.03	<.008
AUG												
29...	1600	Soil Moisture	8.2	--	1,290	56.3	--	--	1.1	E.02	.85	<.008
SEP												
22...	1830	Soil Moisture	8.2	--	818	--	--	--	1.0	<.04	1.09	<.008
25...	1600	Soil Moisture	8.1	--	774	--	--	--	.91	--	--	--
445643093253803 RAIN GARDEN INFLOW NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)												
OCT 2003												
27...	2331	Environmental	7.9	--	311	62.7	190	192	4.1	.54	.49	.067
30...	0725	Environmental	7.6	163	166	14.8	110	172	3.0	.41	1.53	.114
JUL 2004												
28...	1418	Environmental	--	223	--	33.1	178	280	5.1	.69	.46	.168
SEP												
21...	1508	Environmental	6.5	87	73	7.04	59	43	1.8	.15	.45	.022
21...	1617	Replicate	6.5	87	73	7.00	60	65	1.9	.15	.46	.023
23...	1346	Environmental	8.2	--	76	6.27	58	92	2.4	.45	.59	.020
445645093254001 RAIN GARDEN BACKGROUND WELL NR MINNETONKA, MN. (LAT 44 56 45N LONG 093 25 40W)												
NOV 2003												
13...	1100	Environmental	7.1	--	664	21.9	--	--	.33	<.04	2.82	<.008
JUL 2004												
30...	1300	Environmental	--	524	--	8.48	--	--	.37	<.04	5.71	<.008
AUG												
29...	1320	Environmental	7.3	--	646	11.6	--	--	.39	<.04	6.59	<.008
SEP												
22...	1800	Environmental	7.5	--	567	8.26	--	--	.35	<.04	5.55	<.008
25...	1545	Environmental	7.6	--	554	7.92	--	--	.29	<.04	5.74	<.008
445645093254002 RAIN GARDEN BACKGROUND LYSIMETER NR MINNETONKA, MN. (LAT 44 56 45N LONG 093 25 40W)												
SEP 2004												
22...	1730	Soil Moisture	8.0	--	2,110	--	--	--	4.2	--	--	--
445645093254003 RAIN GARDEN OUTFLOW NR MINNETONKA, MN. (LAT 44 56 45N LONG 093 25 40W)												
JUL 2004												
28...	1428	Environmental	--	317	--	25.0	230	238	3.4	<.04	.37	.035
SEP												
22...	0923	Environmental	6.2	171	150	15.9	113	13	.81	.07	.35	.029
23...	1436	Environmental	8.1	--	142	17.2	98	86	1.3	.09	.54	.027
443914093171801 RAIN GARDEN WELL NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)												
NOV 2003												
14...	1350	Environmental	7.6	--	433	25.3	--	--	.37	<.04	1.26	<.008
APR 2004												
29...	1310	Environmental	--	--	--	--	--	--	.52	<.04	.71	.009
JUN												
09...	1415	Environmental	7.3	--	270	1.56	147	--	.25	<.04	.64	<.008

WATER QUALITY DATA

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)
445643093253804 RAIN GARDEN SOUTH WELL NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)		
AUG 2004		
29...	<.04	2.20
SEP		
22...	<.04	1.97
25...	<.04	1.80
445643093253802 RAIN GARDEN LYSIMETER NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)		
NOV 2003		
13...	--	E.04
JUL 2004		
30...	.07	.07
AUG		
29...	.07	.08
SEP		
22...	.07	.08
25...	--	.07
445643093253803 RAIN GARDEN INFLOW NR MINNETONKA, MN. (LAT 44 56 43N LONG 093 25 38W)		
OCT 2003		
27...	.20	.53
30...	.15	.48
JUL 2004		
28...	.16	.73
SEP		
21...	<.04	.31
21...	E.03	.31
23...	E.03	.30
445645093254001 RAIN GARDEN BACKGROUND WELL NR MINNETONKA, MN. (LAT 44 56 45N LONG 093 25 40W)		
NOV 2003		
13...	<.04	E.03
JUL 2004		
30...	<.04	<.04
AUG		
29...	<.04	<.04
SEP		
22...	<.04	<.04
25...	<.04	<.04
445645093254002 RAIN GARDEN BACKGROUND LYSIMETER NR MINNETONKA, MN. (LAT 44 56 45N LONG 093 25 40W)		
SEP 2004		
22...	--	.14
445645093254003 RAIN GARDEN OUTFLOW NR MINNETONKA, MN. (LAT 44 56 45N LONG 093 25 40W)		
JUL 2004		
28...	.14	.56
SEP		
22...	.07	.14
23...	.07	.23
443914093171801 RAIN GARDEN WELL NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)		
NOV 2003		
14...	E.03	E.04
APR 2004		
29...	<.04	.21
JUN		
09...	E.02	<.04

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfl lab, uS/cm 25 degC (90095)	Specif. conduc- tance, wat unfl uS/cm 25 degC (00095)	Chlor- ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
443914093171801 RAIN GARDEN WELL NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)												
AUG 2004 03...	1100	Environmental	7.4	--	345	10.4	--	--	.29	<.04	1.09	<.008
SEP 17...	1215	Environmental	7.6	--	209	1.19	--	--	.18	<.04	.09	<.008
17...	1217	Replicate	7.6	--	209	1.18	--	--	.18	<.04	.11	<.008
443914093171802 RAIN GARDEN LYSIMETER NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)												
NOV 2003 14...	1600	Soil Moisture	8.4	--	321	5.92	--	--	.37	<.04	2.44	<.008
APR 2004 29...	1330	Soil Moisture	--	--	--	--	--	--	.38	E.02	2.60	<.008
JUN 09...	1330	Soil Moisture	--	--	280	--	--	--	.33	<.04	1.53	<.008
09...	1430	Soil Moisture	--	--	257	1.32	--	--	.29	<.04	.76	<.008
AUG 03...	1300	Soil Moisture	7.7	--	285	2.06	--	--	.32	<.04	2.64	.010
SEP 11...	1700	Soil Moisture	8.7	--	310	2.00	--	--	.38	<.04	1.59	.009
17...	1100	Soil Moisture	7.6	--	198	.89	--	--	.25	<.04	.18	<.008
443914093171803 RAIN GARDEN INFLOW NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)												
OCT 2003 29...	1809	Environmental	7.7	--	128	2.98	93	17	.90	.30	.39	.037
APR 2004 18...	2030	Environmental	7.7	--	111	1.96	111	230	5.7	1.16	.91	.047
JUN 09...	1430	Environmental	6.3	--	65	.74	55	<10	1.1	.05	E.06	E.007
AUG 01...	1230	Environmental	7.3	--	104	1.14	88	21	1.9	.44	.47	.023
SEP 14...	1915	Environmental	7.1	--	94	1.79	139	<10	1.5	.09	.24	.019
443920093173501 RAIN GARDEN BACKGROUND WELL NR LAKEVILLE, MN. (LAT 44 39 20N LONG 093 17 35W)												
NOV 2003 14...	1515	Environmental	6.9	--	1,980	359	--	--	.31	<.04	.75	<.008
APR 2004 29...	1005	Environmental	--	1,550	--	208	--	--	.21	<.04	1.82	<.008
JUN 09...	1145	Environmental	6.9	--	1,520	250	661	--	.13	<.04	3.52	<.008
AUG 03...	1200	Environmental	6.9	--	1,860	443	--	--	.27	<.04	6.84	<.008
SEP 11...	1430	Environmental	7.4	--	2,410	478	--	--	.26	<.04	5.91	<.008
17...	1000	Environmental	7.0	--	2,290	511	--	--	.26	E.02	6.35	<.008
443914093173602 RAIN GARDEN BACKGROUND LYSIMETER NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 36W)												
NOV 2003 14...	1640	Soil Moisture	7.2	--	2,980	--	--	--	1.2	--	--	--
APR 2004 29...	1240	Soil Moisture	--	--	--	--	--	--	1.3	<.04	11.3	<.008
JUN 09...	0930	Soil Moisture	--	--	3,580	--	--	--	1.9	--	--	--
09...	1230	Soil Moisture	--	--	3,580	--	--	--	1.3	--	--	--
AUG 03...	1300	Soil Moisture	--	--	--	--	--	--	1.1	E.03	11.7	<.008
SEP 11...	1800	Soil Moisture	8.3	--	3,410	--	--	--	1.1	<.04	10.4	<.008
17...	1015	Soil Moisture	--	2,970	--	24.1	--	--	.95	<.04	9.43	<.008

WATER QUALITY DATA

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)
443914093171801 RAIN GARDEN WELL NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)		
AUG 2004		
03...	<.04	.10
SEP		
17...	E.02	<.04
17...	<.04	<.04
443914093171802 RAIN GARDEN LYSIMETER NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)		
NOV 2003		
14...	.17	.16
APR 2004		
29...	.35	.39
JUN		
09...	.19	.19
09...	.19	.17
AUG		
03...	.15	.14
SEP		
11...	.13	.13
17...	.14	.10
443914093171803 RAIN GARDEN INFLOW NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 18W)		
OCT 2003		
29...	.15	.20
APR 2004		
18...	.17	.87
JUN		
09...	.17	.20
AUG		
01...	.10	.17
SEP		
14...	.13	.17
443920093173501 RAIN GARDEN BACKGROUND WELL NR LAKEVILLE, MN. (LAT 44 39 20N LONG 093 17 35W)		
NOV 2003		
14...	<.04	E.03
APR 2004		
29...	<.04	.05
JUN		
09...	<.04	<.04
AUG		
03...	<.04	.05
SEP		
11...	<.04	<.04
17...	<.04	<.04
443914093173602 RAIN GARDEN BACKGROUND LYSIMETER NR LAKEVILLE, MN. (LAT 44 39 14N LONG 093 17 36W)		
NOV 2003		
14...	--	.09
APR 2004		
29...	.08	.10
JUN		
09...	--	.08
09...	--	.09
AUG		
03...	.10	.10
SEP		
11...	.11	.10
17...	.11	.10

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfl lab, uS/cm 25 degC (90095)	Specif. conduc- tance, wat unfl uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Chlor- ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)
443920093173503 RAIN GARDEN OUTFLOW NR LAKEVILLE, MN. (LAT 44 39 20N LONG 093 17 35W)												
SEP 2004 15...	1330	Environmental	7.5	--	63	--	--	.45	54	<10	.52	<.04
445149093365502 RAIN GARDEN LYSIMETER NR CHANHASSEN, MN. (LAT 44 51 49N LONG 093 36 55W)												
NOV 2003 13...	1330	Soil Moisture	6.7	--	551	--	--	14.3	--	--	.51	<.04
AUG 2004 23...	1130	Soil Moisture	--	717	--	--	--	9.63	--	--	.24	<.04
28...	1630	Soil Moisture	7.8	720	776	--	--	8.40	--	--	.31	<.04
SEP 15...	1730	Soil Moisture	7.2	--	640	--	--	10.5	--	--	.34	<.04
18...	1230	Soil Moisture	7.2	--	665	24.0	--	10.5	--	--	.33	<.04
445149093365503 RAIN GARDEN INFLOW NR CHANHASSEN, MN. (LAT 44 51 49N LONG 093 36 55W)												
OCT 2003 29...	1728	Environmental	--	128	--	--	--	2.13	143	40	1.9	.59
AUG 2004 22...	0338	Environmental	8.2	--	117	--	--	.80	127	190	2.6	.86
22...	0340	Replicate	8.2	--	117	--	--	.81	131	220	2.6	.99
26...	1530	Environmental	7.8	176	--	--	--	3.18	198	575	3.6	.26
SEP 13...	2243	Environmental	7.7	--	267	--	--	14.3	334	227	4.1	.85
445150093365402 RAIN GARDEN BACKGROUND LYSIMETER NR CHANHASSEN, MN. (LAT 44 51 50N LONG 093 36 54W)												
SEP 2004 15...	1700	Soil Moisture	7.8	--	725	--	--	--	--	--	.31	--
18...	1350	Soil Moisture	7.5	--	672	24.0	--	--	--	--	.29	<.04
445150093365403 RAIN GARDEN OUTFLOW NR CHANHASSEN, MN. (LAT 44 51 50N LONG 093 36 54W)												
OCT 2003 31...	0900	Environmental	7.8	--	656	--	6.5	17.0	422	<10	.44	<.04
AUG 2004 23...	1030	Environmental	7.5	--	631	--	--	--	--	--	--	--
27...	1015	Environmental	7.5	176	--	--	--	17.6	429	<10	.40	E.02
SEP 14...	1300	Environmental	7.5	--	424	--	--	11.7	300	<10	.41	<.04

WATER QUALITY DATA

QUALITY OF WATER AT RAIN GARDEN SITES—CONTINUED

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)
443920093173503 RAIN GARDEN OUTFLOW NR LAKEVILLE, MN. (LAT 44 39 20N LONG 093 17 35W)				
SEP 2004				
15...	<.06	<.008	.19	.20
445149093365502 RAIN GARDEN LYSIMETER NR CHANHASSEN, MN. (LAT 44 51 49N LONG 093 36 55W)				
NOV 2003				
13...	.68	<.008	.06	.06
AUG 2004				
23...	.12	<.008	.06	.06
28...	.07	<.008	.05	.05
SEP				
15...	E.05	<.008	.06	.06
18...	<.06	<.008	.05	.05
445149093365503 RAIN GARDEN INFLOW NR CHANHASSEN, MN. (LAT 44 51 49N LONG 093 36 55W)				
OCT 2003				
29...	.85	.108	.07	.12
AUG 2004				
22...	.85	.013	E.04	.22
22...	.87	.013	E.04	.23
26...	2.15	.050	<.04	.63
SEP				
13...	2.72	.037	E.03	.29
445150093365402 RAIN GARDEN BACKGROUND LYSIMETER NR CHANHASSEN, MN. (LAT 44 51 50N LONG 093 36 54W)				
SEP 2004				
15...	--	--	--	E.03
18...	<.06	<.008	E.03	E.02
445150093365403 RAIN GARDEN OUTFLOW NR CHANHASSEN, MN. (LAT 44 51 50N LONG 093 36 54W)				
OCT 2003				
31...	.24	<.008	E.04	.04
AUG 2004				
23...	--	--	--	--
27...	<.06	<.008	E.04	E.03
SEP				
14...	<.06	<.008	.05	.05