Appendix 5—Storm Sampling Data

Blank Page

Appendix 5.1. Major ion concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas.
[USGS, U.S. Geological Survey; µS/cm, microsiemens per centimer at 25 degrees Celsius; mg/L, milligrams per liter; $CaCO_3$, calcium carbonate; µg/L, micrograms per liter]

USGS site identifier	Site name	Sample date	Time	pH, unfiltered, field, standard units	Specific conductance, unfiltered, (µS/cm)	Calcium, filtered (mg/L)	Magnesium (mg/L)	Sodium, filtered (mg/L)	Potassium, filtered (mg/L)	Alkalinity, filtered, incremental titration, field (mg/L as $CaCO_3$)	Chloride, filtered (mg/L)	Sulfate, filtered (mg/L)	Strontium, filtered (µg/L)	Silica-SiO_2, filtered (mg/L)
08155395	Upper Spring	10/23/04	1500	7	415	76.8	15.8	5.51	1.35	219	9.28	8.8	196	9.43
		10/24/04	0930	7	366	66	5.12	2.91	2.67	167	4.18	6.4	81.8	7.99
		10/24/04	2030	6.9	433	80.6	6.87	3.76	2.46	204	5.42	7.2	89.4	8.89
		10/25/04	1000	6.9	509	93	11.1	4.79	2.22	224	7.49	9.2	122	10.3
		10/26/04	0830	7	564	97.1	15.8	6.43	1.88	261	10.1	13.2	195	11.4
		10/27/04	1030	7	604	96.9	18.9	7.59	1.63	267	12.3	17.2	262	11.9
		10/28/04	0830	7	615	96.5	19.4	8.12	1.57	251	13.3	19.9	282	12.4
		10/30/04	0900	7	630	95.2	20.4	9.08	1.48	271	15.3	23.6	326	12.5
		11/5/04	0930	7.1	625	101	20.2	9.05	1.55	276	15	22.6	324	12.4
		11/24/04	1000	7	466	84.5	8.34	4.93	2.18	215	7.21	15.8	99.1	10.2
		5/30/05	0700	6.7	597	91.7	20.6	8.92	1.56	265	13.9	22	344	12.6
		5/30/05	1430	7	436	69.6	11	5.63	2.32	182	7.64	20.1	200	9.13
		5/30/05	2000	7	460	71	12.7	6.5	2.21	198	9.44	18.9	210	9.99
		5/31/05	1130	6.9	549	86.7	17.1	8.38	1.82	244	11.8	22.4	323	11.3
		6/1/05	630	6.9	604	95.1	21.6	9.7	1.6	270	14.4	25.5	404	12.4
		6/2/05	0700	6.8	476	78.8	13.8	6.38	2.04	227	8.86	16.5	234	10.6
		6/4/05	0800	6.8	634	97.6	22.6	9.29	1.39	286	15.6	26.1	404	12.7
		6/6/05	0700	6.8	649	90.8	23.4	9.77	1.32	266	16.5	26.7	411	13.4
		6/9/05	0730	6.8	655	93.8	24.6	10.3	1.32	290	17.7	27.3	449	13.7
08155500	Main Spring	10/23/04	1400	7	565	89.4	23.1	13	1.33	264	22.2	25.8	1,130	12.2
		10/24/04	1000	6.9	587	88.2	20.1	10.4	1.64	249	16.6	23.4	826	12
		10/24/04	2100	6.9	552	83.3	17	10.4	1.78	238	16.3	21.2	735	11.8
		10/25/04	1030	6.9	563	87.8	17.6	10.6	1.82	232	16.6	24.6	686	11.8
		10/26/04	0900	7.1	562	88.5	17.4	10.9	1.78	232	16.5	23.4	708	11.9
		10/27/04	1100	7	587	90.4	18.1	11.5	1.63	244	18	25.3	750	11.8
		10/28/04	0900	7	585	89.5	17.9	11.5	1.61	244	18.2	26.1	753	12.3
		10/30/04	1000	7	593	84.9	17.9	12.3	1.56	237	19.9	28.7	754	12.1
		11/5/04	1030	7.1	608	93.8	18.9	12.4	1.5	268	19.9	29.2	775	12.1
		11/24/04	1100	7	587	95.2	12.2	11.1	1.66	250	16	27	424	12.4
		5/30/05	0730	6.7	634	94.3	22.4	13.4	1.31	273	21.1	27	716	13
		5/30/05	1400	6.9	624	92.3	21.8	13.3	1.33	265	20.6	27	693	12.9
		5/30/05	2100	7.3	613	93.4	21.7	13.4	1.36	268	21.2	26.9	706	12.8
		5/31/05	1030	6.8	615	90.5	21.5	13.6	1.36	267	20.3	26.5	678	12.3
		6/1/05	0730	6.9	618	91.7	21.9	14.1	1.35	270	20.8	27.3	697	12.6
		6/2/05	0730	6.8	599	89.4	21	13.3	1.37	262	20.8	26.7	680	12.7
		6/4/05	0930	7	631	93.3	22.1	13.2	1.33	263	21.7	27.7	716	12.3
		6/6/05	0730	6.8	636	93.2	22.4	13	1.3	276	21.9	27.7	719	12.4
		6/9/05	0800	6.9	638	87.6	22.1	12.9	1.26	272	22	27.7	709	12.7

Appendix 5.1. Major ion concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	pH, unfiltered, field, standard units	Specific conductance, unfiltered, (µS/cm)	Calcium, filtered (mg/L)	Magnesium (mg/L)	Sodium, filtered (mg/L)	Potassium, filtered (mg/L)	Alkalinity, filtered, incremental titration, field (mg/L as $CaCO_3$)	Chloride, filtered (mg/L)	Sulfate, filtered (mg/L)	Strontium, filtered (µg/L)	Silica-SiO_2, filtered (mg/L)
08155501	Eliza Spring	10/23/04	1630	7.1	550	88.9	22.7	13.6	1.3	258	22.5	26.6	1,280	12.3
		10/24/04	1130	6.9	603	88.1	21	11	1.55	254	18	24.6	877	12.2
		10/24/04	2230	6.9	562	85.6	17.9	10.7	1.74	238	17.1	24.8	781	11.9
		10/25/04	1130	6.9	570	88.9	18.1	11	1.81	232	17.3	25.5	750	11.9
		10/26/04	1000	7.1	564	89.8	17.6	11.4	1.8	226	17.2	24.6	771	11.9
		10/27/04	1230	7	588	89.5	18.2	11.8	1.61	249	18.5	25.7	793	11.8
		10/28/04	1030	7	591	89.5	17.8	11.8	1.61	242	18.4	26.5	801	12.4
		10/30/04	1200	6.9	592	87.1	18.2	12.7	1.52	244	20.1	28.9	818	12
		11/5/04	1130	7.1	609	94	18.7	12.6	1.51	250	20.3	29.4	827	12.1
		11/24/04	1230	6.9	600	100	12.7	11.7	1.66	252	16.9	27.8	478	12.5
		5/30/05	0830	7	638	90.8	22	13.8	1.29	268	21.8	27.2	721	13.1
		5/30/05	1600	7	638	93.1	22.3	13.9	1.33	267	21.9	27.2	735	13.1
		5/30/05	2130	7	641	95.2	22.7	14	1.27	271	21.9	27.2	746	13.1
		5/31/05	1230	6.9	621	92.4	21.9	14.3	1.29	272	21.1	26.5	726	12.3
		6/1/05	0800	6.9	561	94.3	22.3	14.8	1.38	272	21.5	27.2	747	12.5
		6/2/05	0830	6.9	609	90.4	21.6	13.9	1.35	272	21.8	27.3	716	13
		6/4/05	0900	6.9	631	91.9	21.8	13.4	1.36	272	22.3	27.6	742	12.3
		6/6/05	0830	6.9	626	92.1	22.1	13.2	1.26	273	22.3	27.5	742	12.3
		6/9/05	0930	7	638	89.4	22.2	13.5	1.3	282	22.6	27.5	755	12.7
08155503	Old Mill Spring	10/23/04	1600	7.1	636	90.6	24.3	29.1	1.69	254	45.6	42.8	1,290	12.1
		10/24/04	1100	6.9	717	91.2	23.3	28.2	1.6	251	43.7	40.7	1,110	12
		10/24/04	2200	6.9	691	90.2	22.4	27.8	1.85	244	43.2	41.8	1,010	12.2
		10/25/04	1100	7	679	91.1	21.2	26.2	1.99	243	41.5	41.3	912	11.9
		10/26/04	0930	7.1	661	89.1	20.2	25.8	1.99	234	39.8	39.9	870	11.8
		10/27/04	1200	7	688	90.2	20.8	26.3	1.76	239	40.9	40.6	887	11.8
		10/28/04	0930	7	693	91.7	20.5	27.7	1.97	252	42.4	42.2	913	12.4
		10/30/04	1100	7	678	87.8	20.6	25.1	1.85	244	40	42.6	878	12
		11/5/04	1100	7.1	684	91.2	21.1	24.7	1.77	241	39.1	42.6	883	12.1
		11/24/04	1200	7	686	96.3	16.8	25.9	1.93	246	39.7	42.4	658	12.2
		5/30/05	0830	6.9	733	95	25.4	29.2	1.66	264	43.2	42.2	892	13.1
		5/30/05	1530	6.9	732	92.9	25.2	28.6	1.64	254	42.9	42	868	13.1
		5/30/05	2030	7	732	93	25	28.4	1.63	276	38.8	42	866	13.1
		5/31/05	1200	6.9	707	91.7	24.5	28.6	1.7	269	42.6	41.3	854	12.4
		6/1/05	0700	6.9	711	91.8	24.5	29.1	1.67	270	42.9	41.7	866	12.5
		6/2/05	0800	6.9	703	93.9	25.2	29.2	1.67	262	43.1	42.1	881	12.9
		6/4/05	0830	6.9	723	92.3	24.6	27.2	1.66	280	43.4	42.3	876	12.4
		6/6/05	0800	6.9	729	92.6	25.1	27.1	1.61	308	43.7	42.2	876	12.4
		6/9/05	0830	7	731	89.5	25	27.9	1.67	271	44.3	42.6	884	12.8

Appendix 5.2. Nutrient concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas.

[USGS, U.S. Geological Survey; mg/L, milligrams per liter; -- not analyzed or not sampled; <, nondetection; E, estimated]

USGS site identifier	Site name	Sample date	Time	Ammonia plus organic nitrogen, unfiltered (mg/L)	Ammonia, filtered (mg/L as nitrogen)	Nitrite plus nitrate, filtered (mg/L as nitrogen)	Nitrite, filtered (mg/L as nitrogen)	Orthophosphate, filtered, (mg/L as phosphorus)	Phosphorus, filtered (mg/L)	Phosphorus, unfiltered (mg/L)
08155395	Upper Spring	10/23/04	1500	--	--	1.56	--	--	--	--
		10/24/04	0930	--	--	.531	--	--	--	--
		10/24/04	2030	--	--	.746	--	--	--	--
		10/25/04	1000	--	--	1.09	--	--	--	--
		10/26/04	0830	--	--	1.47	--	--	--	--
		10/27/04	1030	--	--	1.72	--	--	--	--
		10/28/04	0830	--	--	1.8	--	--	--	--
		10/30/04	0900	--	--	1.92	--	--	--	--
		11/5/04	0930	--	--	1.8	--	--	--	--
		11/24/04	1000	--	--	.873	--	--	--	--
		5/30/05	0700	--	--	1.97	--	--	--	--
		5/30/05	1430	--	--	1.23	--	--	--	--
		5/30/05	2000	--	--	1.36	--	--	--	--
		5/31/05	1130	--	--	1.53	--	--	--	--
		6/1/05	0630	--	--	1.84	--	--	--	--
		6/2/05	0700	--	--	1.06	--	--	--	--
		6/4/05	0800	--	--	1.9	--	--	--	--
		6/6/05	0700	--	--	2.03	--	--	--	--
		6/9/05	0730	--	--	2.11	--	--	--	--
08155500	Main Spring	10/23/04	1400	--	--	1.43	--	--	--	--
		10/24/04	1000	0.11	<0.04	1.38	<0.008	E0.01	E0.02	E0.02
		10/24/04	2100	--	--	1.06	--	--	--	--
		10/25/04	1030	.14	E.005	--	<.008	E.01	E.03	E.02
		10/26/04	0900	--	--	.963	--	--	--	--
		10/27/04	1100	--	--	.979	--	--	--	--
		10/28/04	0900	--	--	.967	--	--	--	--
		10/30/04	1000	--	--	.966	--	--	--	--
		11/5/04	1030	--	--	.886	--	--	--	--
		11/24/04	1100	--	--	1.65	--	--	--	--
		5/30/05	0730	E.06	.011	1.31	<.008	<.02	<.04	<.04
		5/30/05	1400	E.06	<.01	1.26	<.008	<.02	<.04	<.04
		5/30/05	2100	E.06	<.04	1.27	<.008	<.02	<.04	<.04
		5/31/05	1030	<.1	<.01	1.26	<.008	<.02	<.04	<.04
		6/1/05	0730	<.1	<.01	1.27	<.008	<.02	<.04	<.04
		6/2/05	0730	<.1	<.01	1.11	<.008	<.02	<.04	<.04
		6/4/05	0930	<.1	<.01	1.24	<.008	<.02	<.04	E.02
		6/6/05	0730	<.1	<.01	1.26	<.008	<.02	<.04	<.04
		6/9/05	0800	<.1	<.01	1.29	<.008	<.02	<.04	<.04
08155501	Eliza Spring	10/23/04	1630	--	--	1.29	--	--	--	--
		10/24/04	1130	--	--	1.41	--	--	--	--
		10/24/04	2230	--	--	1.08	--	--	--	--
		10/25/04	1130	--	--	.987	--	--	--	--
		10/26/04	1000	--	--	.949	--	--	--	--
		10/27/04	1230	--	--	.935	--	--	--	--
		10/28/04	1030	--	--	.914	--	--	--	--

Appendix 5.2. Nutrient concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Ammonia plus organic nitrogen, unfiltered (mg/L)	Ammonia, filtered (mg/L as nitrogen)	Nitrite plus nitrate, filtered (mg/L as nitrogen)	Nitrite, filtered (mg/L as nitrogen)	Orthophosphate, filtered, (mg/L as phosphorus)	Phosphorus, filtered (mg/L)	Phosphorus, unfiltered (mg/L)
08155501— Cont.	Eliza Spring	10/30/04	1200	--	--	0.899	--	--	--	--
		11/5/04	1130	--	--	.842	--	--	--	--
		11/24/04	1230	--	--	1.63	--	--	--	--
		5/30/05	0830	--	--	1.27	--	--	--	--
		5/30/05	1600	--	--	1.26	--	--	--	--
		5/30/05	2130	--	--	1.27	--	--	--	--
		5/31/05	1230	--	--	1.23	--	--	--	--
		6/1/05	0800	--	--	1.23	--	--	--	--
		6/2/05	0830	--	--	1.13	--	--	--	--
		6/4/05	0900	--	--	1.2	--	--	--	--
		6/6/05	0830	--	--	1.22	--	--	--	--
		6/9/05	0930	--	--	1.23	--	--	--	--
08155503	Old Mill Spring	10/23/04	1600	--	--	1.3	--	--	--	--
		10/24/04	1100	--	--	1.33	--	--	--	--
		10/24/04	2200	--	--	1.23	--	--	--	--
		10/25/04	1100	--	--	1.11	--	--	--	--
		10/26/04	0930	--	--	1.04	--	--	--	--
		10/27/04	1200	--	--	1.01	--	--	--	--
		10/28/04	0930	--	--	1.05	--	--	--	--
		10/30/04	1100	--	--	.992	--	--	--	--
		11/5/04	1100	--	--	.933	--	--	--	--
		11/24/04	1200	--	--	1.5	--	--	--	--
		5/30/05	0830	--	--	1.34	--	--	--	--
		5/30/05	1530	--	--	1.35	--	--	--	--
		5/30/05	2030	--	--	1.35	--	--	--	--
		5/31/05	1200	--	--	1.31	--	--	--	--
		6/1/05	0700	--	--	1.32	--	--	--	--
		6/2/05	0800	--	--	1.22	--	--	--	--
		6/4/05	0830	--	--	1.3	--	--	--	--
		6/6/05	0800	--	--	1.31	--	--	--	--
		6/9/05	0830	--	--	1.31	--	--	--	--
08155400	Barton Creek above Barton Springs at Austin, Tex. (composite)	10/23/04	0520	.81	<.04	.41	.008	.05	.07	.15
08158819	Bear Creek near Brodie Ln. near Manchaca, Tex. (composite)	10/23/04	0200	1.4	.014	.214	E.007	<.02	<.04	.18
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 1 of 2)	10/23/04	1000	1.4	.016	.283	.011	<.02	E.03	.27
	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 2 of 2)	10/26/04	1100	.56	.018	.212	E.005	<.02	<.04	.07
	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite)	5/29/05	2140	.69	.019	.368	.013	.04	.05	.15
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	10/23/04	0200	.8	.02	.49	.011	.18	.22	.34
	Slaughter Creek at FM 2304 near Austin, Tex. (composite 1 of 2)	5/29/05	2055	2	.122	.558	.018	.14	.15	.7
	Slaughter Creek at FM 2304 near Austin, Tex. (composite 2 of 2)	5/30/05	0255	.94	.083	.622	.023	.17	.19	.28
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	10/23/04	0750	.7	<.04	.5	.015	.03	.13	.22
	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	5/29/05	2105	1.4	.15	.36	.019	.04	.05	.32

Appendix 5.3. Pesticide compound concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas.

[USGS, U.S. Geological Survey; µm, micrometer; µg/L, micrograms per liter; <, nondetection; E, estimated; --, not analyzed or not sampled]

USGS site identifier	Site name	Sample date	Time	2,6-Diethylaniline, filtered (0.7 µm glass fiber filter, recoverable (µg/L)	2-Chloro-4-isopropylamino-6-amino-s-triazine, filtered, recoverable (µg/L)	Acetochlor, filtered, recoverable (µg/L)	Alachlor, filtered, recoverable (µg/L)	alpha-HCH, filtered, recoverable (µg/L)	Atrazine, filtered, recoverable (µg/L)	Azinphos-methyl, filtered (0.7 µm glass fiber filter) recoverable (µg/L)	Benfluralin, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Butylate, filtered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.006	E0.02	<0.006	<0.005	<0.005	0.21	<0.05	<0.01	<0.004
		10/24/04	0930	<.006	E.03	<.006	<.005	<.005	.45	<.05	<.01	<.004
		10/24/04	2030	<.006	E.025	<.006	<.005	<.005	.34	<.05	<.01	<.004
		10/25/04	1000	<.006	E.039	<.006	<.005	<.005	.27	<.05	<.01	<.004
		10/26/04	0830	<.006	E.029	<.006	<.005	<.005	.14	<.05	<.01	<.004
		10/27/04	1030	<.006	E.025	<.006	<.005	<.005	.087	<.05	<.01	<.004
		10/28/04	0830	<.006	E.027	<.006	<.005	<.005	.079	<.05	<.01	<.004
		10/30/04	0900	<.006	E.024	<.006	<.005	<.005	.05	<.05	<.01	<.004
		11/5/04	0930	<.006	E.026	<.006	<.005	<.005	.043	<.05	<.01	<.004
		11/24/04	1000	<.006	E.019	<.006	<.005	<.005	.077	<.05	<.01	<.004
		5/30/05	0700	<.006	E.033	<.006	<.005	<.005	.049	<.05	<.01	<.004
		5/30/05	1430	<.006	E.033	<.006	<.005	<.005	.24	<.05	<.01	<.004
		5/30/05	2000	<.006	E.053	<.006	<.005	<.005	.30	<.05	<.01	<.004
		5/31/05	1130	<.006	E.052	<.006	<.005	<.005	.19	<.05	<.01	<.004
		6/1/05	0630	<.006	E.036	<.006	<.005	<.005	.078	<.05	<.01	<.004
		6/2/05	0700	<.006	E.041	<.006	<.005	<.005	.17	<.05	<.01	<.004
		6/4/05	0800	<.006	E.029	<.006	<.005	<.005	.043	<.05	<.01	<.004
		6/6/05	0700	<.006	E.03	<.006	<.005	<.005	.028	<.05	<.01	<.004
		6/9/05	0730	<.006	E.026	<.006	<.005	<.005	.021	<.05	<.01	<.004
08155500	Main Spring	10/23/04	1400	<.006	<.006	<.006	<.005	<.005	<.01	<.05	<.01	<.004
		10/24/04	1000	<.006	E.01	<.006	<.005	<.005	.068	<.05	<.01	<.004
		10/24/04	2100	<.006	E.009	<.006	<.005	<.005	.064	<.05	<.01	<.004
		10/25/04	1030	<.006	E.011	<.006	<.005	<.005	.07	<.05	<.01	<.004
		10/26/04	0900	<.006	E.011	<.006	<.005	<.005	.053	<.05	<.01	<.004
		10/27/04	1100	<.006	E.01	<.006	<.005	<.005	.024	<.05	<.01	<.004
		10/28/04	0900	<.006	E.009	<.006	<.005	<.005	.017	<.05	<.01	<.004
		10/30/04	1000	<.006	E.009	<.006	<.005	<.005	.014	<.05	<.01	<.004
		11/5/04	1030	<.006	E.008	<.006	<.005	<.005	.018	<.05	<.01	<.004
		11/24/04	1100	<.006	E.011	<.006	<.005	<.005	.021	<.05	<.01	<.004
		5/30/05	0730	<.006	E.009	<.006	<.005	<.005	.013	<.05	<.01	<.004
		5/30/05	1400	<.006	E.009	<.006	<.005	<.005	.025	<.05	<.01	<.004
		5/30/05	2100	<.006	E.011	<.006	<.005	<.005	.034	<.05	<.01	<.004
		5/31/05	1030	<.006	E.013	<.006	<.005	<.005	.036	<.05	<.01	<.004
		6/1/05	0730	<.006	E.011	<.006	<.005	<.005	.030	<.05	<.01	<.004
		6/2/05	0730	<.006	E.014	<.006	<.005	<.005	.044	<.05	<.01	<.004
		6/4/05	0930	<.006	E.011	<.006	<.005	<.005	.026	<.05	<.01	<.004
		6/6/05	0730	<.006	E.012	<.006	<.005	<.005	.017	<.05	<.01	<.004
		6/9/05	0800	<.006	E.01	<.006	<.005	<.005	.012	<.05	<.01	<.004
08155400	Barton Creek above Barton Springs at Austin, Tex. (composite)	10/23/04	0520	<.006	E.006	<.006	<.005	<.005	.039	<.05	<.01	<.004
08158819	Bear Creek near Brodie Ln. near Manchaca, Tex. (composite)	10/23/04	0200	<.006	<.006	<.006	<.005	<.005	<.007	<.05	<.01	<.004
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 1 of 2)	10/23/04	1000	<.006	<.006	<.006	<.005	<.005	.067	<.05	<.01	<.004
	(composite 2 of 2)	10/26/04	1100	<.006	<.006	<.01	<.005	<.005	.02	<.05	<.01	<.004
	(composite)	5/29/05	2140	<.006	E.057	<.006	<.005	<.005	.76	<.05	<.01	<.004
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	10/23/04	0200	<.006	E.023	<.006	<.005	<.005	2.2	<.05	<.01	<.004
	(composite 1 of 2)	5/29/05	2055	<.006	E.152	<.006	<.005	<.005	2.0	<.05	<.01	<.004
	(composite 2 of 2)	5/30/05	0255	<.006	E.178	<.006	<.005	<.005	4.4	<.05	<.01	<.004
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	10/23/04	0750	<.006	<.01	<.006	<.005	<.005	.14	<.05	<.01	<.004
	(composite)	5/29/05	2105	<.006	E.022	<.006	<.005	<.005	.18	<.05	<.01	<.004

Appendix 5.3. Pesticide compound concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Carbaryl, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Carbofuran, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Chlorpyrifos, filtered, recoverable, (µg/L)	*cis*-Permethrin, filtered (0.7 µm glass fiber filter) recoverable, (µg/L)	Cyanazine, filtered, recoverable (µg/L)	DCPA, (0.7 µm glass fiber filter) recoverable, (µg/L)	Desulfinyl fipronil (0.7 µm glass fiber filter) recoverable, (µg/L)	Desulfinyl-fipronil amide filtered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	E0.034	<0.02	<0.005	<0.006	<0.018	<0.003	<0.012	<0.029
		10/24/04	0930	E.025	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/24/04	2030	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/25/04	1000	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/26/04	0830	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/27/04	1030	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/28/04	0830	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/30/04	0900	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		11/5/04	0930	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		11/24/04	1000	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		5/30/05	0700	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		5/30/05	1430	E.066	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		5/30/05	2000	E.049	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		5/31/05	1130	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/1/05	0630	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/2/05	0700	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/4/05	0800	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/6/05	0700	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/9/05	0730	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
08155500	Main Spring	10/23/04	1400	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/24/04	1000	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/24/04	2100	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/25/04	1030	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/26/04	0900	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/27/04	1100	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/28/04	0900	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		10/30/04	1000	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		11/5/04	1030	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		11/24/04	1100	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		5/30/05	0730	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		5/30/05	1400	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		5/30/05	2100	<.02	<.016	<.005	<.006	<.018	<.003	<.012	<.029
		5/31/05	1030	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/1/05	0730	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/2/05	0730	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/4/05	0930	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/6/05	0730	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
		6/9/05	0800	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
08155400	Barton Creek above Barton Springs at Austin, Tex. (composite)	10/23/04	0520	E.02	<.016	<.005	<.006	<.018	<.003	<.012	<.029
08158819	Bear Creek near Brodie Ln. near Manchaca, Tex. (composite)	10/23/04	0200	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 1 of 2)	10/23/04	1000	<.041	<.02	<.005	<.006	<.018	<.003	<.012	<.029
	(composite 2 of 2)	10/26/04	1100	<.041	<.02	<.005	<.006	<.018	.003	<.012	<.029
	(composite)	5/29/05	2140	E.093	<.02	<.005	<.006	<.018	<.003	<.012	<.029
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	10/23/04	0200	E.11	<.02	<.005	<.006	<.018	.003	<.012	<.029
	(composite 1 of 2)	5/29/05	2055	E.23	<.02	<.005	<.006	<.018	<.003	E.006	<.029
	(composite 2 of 2)	5/30/05	0255	E.30	<.02	<.005	<.006	<.018	<.003	E.006	E.005
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	10/23/04	0750	.02	<.016	<.005	<.006	<.018	<.003	<.012	<.029
	(composite)	5/29/05	2105	.02	<.016	<.005	<.006	<.018	<.003	E.003	<.029

Appendix 5.3. Pesticide compound concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Diazinon, filtered, recoverable (µg/L)	Dieldrin, filtered, recoverable (µg/L)	Disulfoton, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	EPTC, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Ethalfluralin, filtered (0.7 µm glass fiber filter) recoverable (µg/L)	Ethoprop, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Fipronil sulfide, filtered, recoverable (µg/L)	Fipronil sulfone, filtered, recoverable (µg/L)	Fipronil, filtered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.005	<0.009	<0.02	<0.004	<0.009	<0.005	<0.013	<0.024	<0.016
		10/24/04	0930	.017	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/24/04	2030	E.004	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/25/04	1000	E.004	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/26/04	0830	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/27/04	1030	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/28/04	0830	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/30/04	0900	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		11/5/04	0930	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		11/24/04	1000	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		5/30/05	0700	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		5/30/05	1430	<.005	<.009	<.02	<.004	<.009	<.005	<.013	E.005	E.01
		5/30/05	2000	<.005	<.009	<.02	<.004	<.009	<.005	<.013	E.003	E.006
		5/31/05	1130	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/1/05	0630	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/2/05	0700	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/4/05	0800	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/6/05	0700	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/9/05	0730	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
08155500	Main Spring	10/23/04	1400	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/24/04	1000	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/24/04	2100	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/25/04	1030	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/26/04	0900	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/27/04	1100	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/28/04	0900	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		10/30/04	1000	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		11/5/04	1030	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		11/24/04	1100	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		5/30/05	0730	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		5/30/05	1400	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		5/30/05	2100	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		5/31/05	1030	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/1/05	0730	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/2/05	0730	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/4/05	0930	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/6/05	0730	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
		6/9/05	0800	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
08155400	Barton Creek above Barton Springs at Austin, Tex. (composite)	10/23/04	0520	.022	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
08158819	Bear Creek near Brodie Ln. near Manchaca, Tex. (composite)	10/23/04	0200	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 1 of 2)	10/23/04	1000	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
	(composite 2 of 2)	10/26/04	1100	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
	(composite)	5/29/05	2140	<.005	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	10/23/04	0200	<.01	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
	(composite 1 of 2)	5/29/05	2055	.014	<.009	<.02	<.004	<.009	<.005	E.002	E.007	E.024
	(composite 2 of 2)	5/30/05	0255	.033	<.009	<.02	<.004	<.009	<.005	E.002	E.011	E.027
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	10/23/04	0750	.012	<.009	<.02	<.004	<.009	<.005	<.013	<.024	<.016
	(composite)	5/29/05	2105	.032	<.009	<.02	<.004	<.009	<.005	<.013	E.005	E.007

Appendix 5.3. Pesticide compound concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Fonofos, filtered, recoverable (µg/L)	Lindane, filtered, recoverable (µg/L)	Linuron, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Malathion, filtered, recoverable (µg/L)	Methyl parathion, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Metolachlor, filtered, recoverable (µg/L)	Metribuzin, filtered, recoverable (µg/L)	Molinate, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Napropamide, filtered (0.7 µm glass fiber filter), recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.003	<0.004	<0.035	<0.027	<0.015	<0.006	<0.006	<0.003	<0.007
		10/24/04	0930	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/24/04	2030	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/25/04	1000	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/26/04	0830	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/27/04	1030	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/28/04	0830	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/30/04	0900	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		11/5/04	0930	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		11/24/04	1000	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		5/30/05	0700	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		5/30/05	1430	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		5/30/05	2000	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		5/31/05	1130	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/1/05	0630	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/2/05	0700	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/4/05	0800	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/6/05	0700	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/9/05	0730	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
08155500	Main Spring	10/23/04	1400	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/24/04	1000	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/24/04	2100	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/25/04	1030	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/26/04	0900	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/27/04	1100	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/28/04	0900	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		10/30/04	1000	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		11/5/04	1030	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		11/24/04	1100	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		5/30/05	0730	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		5/30/05	1400	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		5/30/05	2100	<.003	<.004	<.01	<.027	<.015	<.006	<.006	<.003	<.007
		5/31/05	1030	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/1/05	0730	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/2/05	0730	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/4/05	0930	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/6/05	0730	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
		6/9/05	0800	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
08155400	Barton Creek above Barton Springs at Austin, Tex. (composite)	10/23/04	0520	<.003	<.004	<.01	.029	<.015	<.01	<.006	<.003	<.007
08158819	Bear Creek near Brodie Ln. near Manchaca, Tex. (composite)	10/23/04	0200	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 1 of 2)	10/23/04	1000	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
	(composite 2 of 2)	10/26/04	1100	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007
	(composite)	5/29/05	2140	<.003	<.004	<.035	E.02	<.015	<.006	<.006	<.003	<.007
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	10/23/04	0200	<.003	<.004	<.035	E.015	<.015	<.006	<.006	<.003	<.007
	(composite 1 of 2)	5/29/05	2055	<.003	<.004	<.035	E.024	<.015	<.006	<.006	<.003	<.007
	(composite 2 of 2)	5/30/05	0255	<.003	<.004	<.035	E.014	<.015	<.006	<.006	<.003	<.007
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	10/23/04	0750	<.003	<.004	<.01	.061	<.015	<.01	<.006	<.003	<.007
	(composite)	5/29/05	2105	<.003	<.004	<.01	.042	<.015	<.006	<.006	<.003	<.007

Appendix 5.3. Pesticide compound concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	*p,p'*-DDE, filtered, recoverable (0.7 µm glass fiber filter) (µg/L)	Parathion, filtered, recoverable (µg/L)	Pebulate, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Pendimethalin, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Phorate, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Prometon, filtered, recoverable (µg/L)	Propachlor, filtered, recoverable (µg/L)	Propanil, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Propargite, filtered (0.7 µm glass fiber filter), recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.003	<0.01	<0.004	<0.022	<0.011	<0.01	<0.025	<0.011	<0.02
		10/24/04	0930	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		10/24/04	2030	<.003	<.01	<.004	<.022	<.011	--	<.025	<.011	<.02
		10/25/04	1000	<.003	<.01	<.004	<.022	<.011	.01	<.025	<.011	<.02
		10/26/04	0830	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		10/27/04	1030	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		10/28/04	0830	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		10/30/04	0900	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		11/5/04	0930	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		11/24/04	1000	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		5/30/05	0700	<.003	<.01	<.004	<.022	<.011	.02	<.025	<.011	<.02
		5/30/05	1430	<.003	<.01	<.004	<.022	<.011	.01	<.025	<.011	<.02
		5/30/05	2000	<.003	<.01	<.004	<.022	<.011	.01	<.025	<.011	<.02
		5/31/05	1130	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		6/1/05	0630	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		6/2/05	0700	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		6/4/05	0800	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		6/6/05	0700	<.003	<.01	<.004	<.022	<.011	--	<.025	<.011	<.02
		6/9/05	0730	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
08155500	Main Spring	10/23/04	1400	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		10/24/04	1000	<.003	<.01	<.004	<.022	<.011	--	<.025	<.011	<.02
		10/24/04	2100	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		10/25/04	1030	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		10/26/04	0900	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		10/27/04	1100	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		10/28/04	0900	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
		10/30/04	1000	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		11/5/04	1030	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		11/24/04	1100	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		5/30/05	0730	<.003	<.01	<.004	<.022	<.011	--	<.025	<.011	<.02
		5/30/05	1400	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		5/30/05	2100	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		5/31/05	1030	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		6/1/05	0730	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		6/2/05	0730	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		6/4/05	0930	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		6/6/05	0730	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
		6/9/05	0800	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
08155400	Barton Creek above Barton Springs at Austin, Tex. (composite)	10/23/04	0520	<.003	<.01	<.004	<.022	<.011	.32	<.025	<.011	<.02
08158819	Bear Creek near Brodie Ln. near Manchaca, Tex. (composite)	10/23/04	0200	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 1 of 2)	10/23/04	1000	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
	(composite 2 of 2)	10/26/04	1100	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
	(composite)	5/29/05	2140	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	10/23/04	0200	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02
	(composite 1 of 2)	5/29/05	2055	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
	(composite 2 of 2)	5/30/05	0255	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	10/23/04	0750	<.003	<.01	<.004	<.022	<.011	<.01	<.025	<.011	<.02
	(composite)	5/29/05	2105	<.003	<.01	<.004	<.022	<.011	E.01	<.025	<.011	<.02

Appendix 5.3. Pesticide compound concentrations in samples for Storms 1 (October 2004) and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Propyzamide, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Simazine, filtered, recoverable (µg/L)	Tebuthiuron, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Terbacil, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Terbufos, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Thiobencarb, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Triallate, filtered (0.7 µm glass fiber filter), recoverable (µg/L)	Trifluralin, filtered (0.7 µm glass fiber filter), recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.004	<0.01	<0.02	<0.034	<0.02	<0.01	<0.006	<0.009
		10/24/04	0930	<.004	.072	<.02	<.034	<.02	<.01	<.006	<.009
		10/24/04	2030	<.004	.063	<.02	<.034	<.02	<.01	<.006	<.009
		10/25/04	1000	<.004	.059	<.02	<.034	<.02	<.01	<.006	<.009
		10/26/04	0830	<.004	.027	<.02	<.034	<.02	<.01	<.006	<.009
		10/27/04	1030	<.004	.017	<.02	<.034	<.02	<.01	<.006	<.009
		10/28/04	0830	<.004	.016	<.02	<.034	<.02	<.01	<.006	<.009
		10/30/04	0900	<.004	.011	<.02	<.034	<.02	<.01	<.006	<.009
		11/5/04	0930	<.004	.009	<.02	<.034	<.02	<.01	<.006	<.009
		11/24/04	1000	<.004	.04	<.02	<.034	<.02	<.01	<.006	<.009
		5/30/05	0700	<.004	.027	<.02	<.034	<.02	<.01	<.006	<.009
		5/30/05	1430	<.004	.09	<.02	<.034	<.02	<.01	<.006	<.009
		5/30/05	2000	<.004	.043	<.02	<.034	<.02	<.01	<.006	<.009
		5/31/05	1130	<.004	.026	<.02	<.034	<.02	<.01	<.006	<.009
		6/1/05	0630	<.004	.019	<.02	<.034	<.02	<.01	<.006	<.009
		6/2/05	0700	<.004	.018	<.02	<.034	<.02	<.01	<.006	<.009
		6/4/05	0800	<.004	.013	<.02	<.034	<.02	<.01	<.006	<.009
		6/6/05	0700	<.004	.01	<.02	<.034	<.02	<.01	<.006	<.009
		6/9/05	0730	<.004	E.005	<.02	<.034	<.02	<.01	<.006	<.009
08155500	Main Spring	10/23/04	1400	<.004	<.005	<.02	<.034	<.02	<.01	< 0.006	<.009
		10/24/04	1000	<.004	.019	<.02	<.034	<.02	<.01	<.006	<.009
		10/24/04	2100	<.004	.03	<.02	<.034	<.02	<.01	<.006	<.009
		10/25/04	1030	<.004	.026	<.02	<.034	<.02	<.01	<.006	<.009
		10/26/04	0900	<.004	.015	<.02	<.034	<.02	<.01	<.006	<.009
		10/27/04	1100	<.004	.009	<.02	<.034	<.02	<.01	<.006	<.009
		10/28/04	0900	<.004	.008	<.02	<.034	<.02	<.01	<.006	<.009
		10/30/04	1000	<.004	.008	<.02	<.034	<.02	<.01	<.006	<.009
		11/5/04	1030	<.004	<.01	<.02	<.034	<.02	<.01	<.006	<.009
		11/24/04	1100	<.004	.015	<.02	<.034	<.02	<.01	<.006	<.009
		5/30/05	0730	<.004	E.004	<.02	<.034	<.02	<.01	<.006	<.009
		5/30/05	1400	<.004	.008	<.02	<.034	<.02	<.01	<.006	<.009
		5/30/05	2100	<.004	E.004	<.02	<.034	<.02	<.01	<.006	<.009
		5/31/05	1030	<.004	E.003	<.02	<.034	<.02	<.01	<.006	<.009
		6/1/05	0730	<.004	E.003	<.02	<.034	<.02	<.01	<.006	<.009
		6/2/05	0730	<.004	E.003	<.02	<.034	<.02	<.01	<.006	<.009
		6/4/05	0930	<.004	<.005	<.02	<.034	<.02	<.01	<.006	<.009
		6/6/05	0730	<.004	E.003	<.02	<.034	<.02	<.01	<.006	<.009
		6/9/05	0800	<.004	<.005	<.02	<.034	<.02	<.01	<.006	<.009
08155400	Barton Creek above Barton Springs at Austin, Tex. (composite)	10/23/04	0520	<.004	.024	<.02	<.034	<.02	<.01	<.006	<.009
08158819	Bear Creek near Brodie Ln. near Manchaca, Tex. (composite)	10/23/04	0200	<.004	<.01	<.02	<.034	<.02	<.01	<.006	<.009
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite 1 of 2)	10/23/04	1000	<.004	.022	<.02	<.034	<.02	<.01	<.006	<.009
	(composite 2 of 2)	10/26/04	1100	<.004	<.01	<.02	<.034	<.02	<.01	<.006	<.009
	(composite)	5/29/05	2140	<.004	.006	<.02	<.034	<.02	<.01	<.006	<.009
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	10/23/04	0200	<.004	.035	<.02	<.034	<.02	<.01	<.006	<.009
	(composite 1 of 2)	5/29/05	2055	<.004	.01	<.02	<.034	<.02	<.01	<.006	<.009
	(composite 2 of 2)	5/30/05	0255	<.004	.014	<.02	<.034	<.02	<.01	<.006	<.009
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	10/23/04	0750	<.004	.10	<.02	<.034	<.02	<.01	<.006	<.009
	(composite)	5/29/05	2105	<.004	<.005	<.02	<.034	<.02	<.01	<.006	<.009

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas.

[USGS, U.S. Geological Survey; µg/L, micrograms per liter, <, nondetection; E, estimated; trichloromethane, chloroform]

USGS site identifier	Site name	Sample date	Time	1,1,1,2-Tetrachloro-ethane, unfiltered, recoverable (µg/L)	1,1,1-Trichloro-ethane, unfiltered, recoverable (µg/L)	1,1,2,2-Tetra-chloro-ethane, unfiltered, recoverable (µg/L)	1,1,2-Trichloro-1,2,2-trifluoro-ethane, unfiltered, recoverable (µg/L)	1,1,2-Trichloro-ethane, unfiltered, recoverable (µg/L)	1,1-Dichloro-ethane, unfiltered, recoverable (µg/L)	1,1-Dichloro-ethene, unfiltered, recoverable (µg/L)	1,1-Dichloro-propene, unfiltered, recoverable (µg/L)	1,2,3,4-Tetramethyl benzene, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.03	<0.03	<0.08	<0.04	<0.04	<0.04	<0.02	<0.03	<0.1
		10/24/04	0930	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/24/04	2030	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/25/04	1000	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/26/04	0830	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/27/04	1030	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/28/04	0830	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/30/04	0900	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		11/5/04	0930	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		11/24/04	1000	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/30/05	0700	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/30/05	1430	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/30/05	2000	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/31/05	1130	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/1/05	0630	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/2/05	0700	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/4/05	0800	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/6/05	0700	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/9/05	0730	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
08155500	Main Spring	10/23/04	1400	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/24/04	1000	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/24/04	2100	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/25/04	1030	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/26/04	0900	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/27/04	1100	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/28/04	0900	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		10/30/04	1000	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		11/5/04	1030	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		11/24/04	1100	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/30/05	0730	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/30/05	1400	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/30/05	2100	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		5/31/05	1030	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/1/05	0730	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/2/05	0730	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/4/05	0930	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/6/05	0730	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1
		6/9/05	0800	<.03	<.03	<.08	<.04	<.04	<.04	<.02	<.03	<.1

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	1,2,3-Trichlorobenzene, unfiltered, recoverable (µg/L)	1,2,3-Trichloropropane, unfiltered, recoverable (µg/L)	1,2,3-Trimethylbenzene, unfiltered, recoverable (µg/L)	1,2,4-Trichlorobenzene, unfiltered, recoverable (µg/L)	1,2,4-Trimethylbenzene, unfiltered, recoverable (µg/L)	1,2-Dibromo-3-chloropropane, unfiltered, recoverable (µg/L)	1,2-Dibromoethane, unfiltered, recoverable (µg/L)	1,2-Dichlorobenzene, unfiltered, recoverable (µg/L)	1,2-Dichloroethane unfiltered, recoverable (µg/L)	1,2-Dichloropropane, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.2	<0.18	<0.1	<0.1	<0.06	<0.5	<0.04	<0.05	<0.1	<0.03
		10/24/04	0930	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/24/04	2030	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/25/04	1000	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/26/04	0830	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/27/04	1030	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/28/04	0830	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/30/04	0900	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		11/5/04	0930	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		11/24/04	1000	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/30/05	0700	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/30/05	1430	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/30/05	2000	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/31/05	1130	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/1/05	0630	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/2/05	0700	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/4/05	0800	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/6/05	0700	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/9/05	0730	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
08155500	Main Spring	10/23/04	1400	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/24/04	1000	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/24/04	2100	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/25/04	1030	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/26/04	0900	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/27/04	1100	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/28/04	0900	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		10/30/04	1000	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		11/5/04	1030	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		11/24/04	1100	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/30/05	0730	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/30/05	1400	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/30/05	2100	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		5/31/05	1030	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/1/05	0730	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/2/05	0730	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/4/05	0930	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/6/05	0730	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03
		6/9/05	0800	<.2	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1	<.03

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	1,2,3,5-Tetramethyl benzene, unfiltered, recoverable (µg/L)	1,3,5-Trimethyl-benzene, unfiltered, recoverable (µg/L)	1,3-Dichloro-benzene, unfiltered, recoverable (µg/L)	1,3-Dichloro-propane, unfiltered, recoverable (µg/L)	1,4-Dichloro-benzene, unfiltered, recoverable (µg/L)	2,2-Dichloro-propane, unfiltered, recoverable (µg/L)	2-Chloro-toluene, unfiltered recoverable (µg/L)	2-Ethyl-toluene, unfiltered, recoverable (µg/L)	3-Chloro-propene, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.1	<0.04	<0.03	<0.1	<0.03	<0.05	<0.04	<0.06	<0.5
		10/24/04	0930	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/24/04	2030	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/25/04	1000	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/26/04	0830	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/27/04	1030	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/28/04	0830	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/30/04	0900	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		11/5/04	0930	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		11/24/04	1000	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/30/05	0700	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/30/05	1430	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/30/05	2000	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/31/05	1130	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/1/05	0630	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/2/05	0700	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/4/05	0800	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/6/05	0700	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/9/05	0730	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
08155500	Main Spring	10/23/04	1400	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/24/04	1000	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/24/04	2100	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/25/04	1030	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/26/04	0900	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/27/04	1100	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/28/04	0900	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		10/30/04	1000	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		11/5/04	1030	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		11/24/04	1100	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/30/05	0730	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/30/05	1400	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/30/05	2100	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		5/31/05	1030	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/1/05	0730	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/2/05	0730	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/4/05	0930	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/6/05	0730	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5
		6/9/05	0800	<.1	<.04	<.03	<.1	<.03	<.05	<.04	<.06	<.5

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	4-Chloro-toluene, unfiltered, recoverable (µg/L)	4-Isopropyl-toluene, unfiltered, recoverable (µg/L)	Acetone, unfiltered, recoverable (µg/L)	Acrylo-nitrile, unfiltered, recoverable (µg/L)	Benzene, unfiltered, recoverable (µg/L)	Bromo-benzene, unfiltered, recoverable (µg/L)	Bromo-chloro-methane, unfiltered, recoverable (µg/L)	Bromo-dichloro-methane, unfiltered, recoverable (µg/L)	Bromo-ethene, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.05	<0.08	<6	<0.8	<0.02	<0.03	<0.12	E0.03	<0.1
		10/24/04	0930	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/24/04	2030	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/25/04	1000	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.02	<.1
		10/26/04	0830	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.03	<.1
		10/27/04	1030	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.03	<.1
		10/28/04	0830	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.03	<.1
		10/30/04	0900	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		11/5/04	0930	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.03	<.1
		11/24/04	1000	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		5/30/05	0700	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.05	<.1
		5/30/05	1430	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.03	<.1
		5/30/05	2000	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.04	<.1
		5/31/05	1130	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		6/1/05	0630	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.04	<.1
		6/2/05	0700	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.03	<.1
		6/4/05	0800	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.05	<.1
		6/6/05	0700	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.05	<.1
		6/9/05	0730	<.05	<.08	<6	<.8	<.02	<.03	<.12	E.05	<.1
08155500	Main Spring	10/23/04	1400	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/24/04	1000	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/24/04	2100	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/25/04	1030	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/26/04	0900	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/27/04	1100	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/28/04	0900	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		10/30/04	1000	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		11/5/04	1030	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		11/24/04	1100	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		5/30/05	0730	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		5/30/05	1400	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		5/30/05	2100	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		5/31/05	1030	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		6/1/05	0730	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		6/2/05	0730	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		6/4/05	0930	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		6/6/05	0730	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1
		6/9/05	0800	<.05	<.08	<6	<.8	<.02	<.03	<.12	<.03	<.1

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Chloro-ethane, unfiltered, recoverable (µg/L)	Chloro-methane, unfiltered, recoverable (µg/L)	*cis*-1,2-Dichloro-ethene, unfiltered, recoverable (µg/L)	*cis*-1,3-Dichloro-propene, unfiltered, recoverable (µg/L)	Dibromo-chloro-methane, unfiltered, recoverable (µg/L)	Dibromo-methane, unfiltered, recoverable (µg/L)	Dichloro-difluoro-methane, unfiltered, recoverable (µg/L)	Dichloro-methane, unfiltered, recoverable (µg/L)	Diethyl ether, unfiltered, recoverable (µg/L)	Diisopropyl ether, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.1	<0.2	<0.02	<0.05	<0.1	<0.05	<0.18	<0.1	<0.1	<0.1
		10/24/04	0930	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/24/04	2030	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/25/04	1000	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/26/04	0830	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/27/04	1030	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/28/04	0830	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/30/04	0900	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		11/5/04	0930	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		11/24/04	1000	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/30/05	0700	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/30/05	1430	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/30/05	2000	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/31/05	1130	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/1/05	0630	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/2/05	0700	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/4/05	0800	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/6/05	0700	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/9/05	0730	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
08155500	Main Spring	10/23/04	1400	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/24/04	1000	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/24/04	2100	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/25/04	1030	<.1	<.2	<.02	<.05	<.1	<.05	<.18	E.05	<.1	<.1
		10/26/04	0900	<.1	<.2	<.02	<.05	<.1	<.05	<.18	E.03	<.1	<.1
		10/27/04	1100	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/28/04	0900	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		10/30/04	1000	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		11/5/04	1030	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		11/24/04	1100	<.1	<.2	E.03	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/30/05	0730	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/30/05	1400	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/30/05	2100	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		5/31/05	1030	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/1/05	0730	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/2/05	0730	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/4/05	0930	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/6/05	0730	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1
		6/9/05	0800	<.1	<.2	<.02	<.05	<.1	<.05	<.18	<.1	<.1	<.1

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Bromo-methane, unfiltered, recoverable (µg/L)	Carbon disulfide, unfiltered (µg/L)	Chloro-benzene, unfiltered, recoverable (µg/L)	Ethyl metha-crylate, unfiltered, recoverable (µg/L)	Ethyl methyl ketone, unfiltered, recoverable (µg/L)	Ethyl-benzene, unfiltered, recoverable (µg/L)	Hexa-chloro-butadiene, unfiltered, recoverable (µg/L)	Hexachloro-ethane, unfiltered, recoverable (µg/L)	Iodo-methane, unfiltered, recoverable (µg/L)	Isobutyl methyl ketone, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.3	<0.04	<0.03	<0.2	<2	<0.03	<0.1	<0.1	<0.5	<0.4
		10/24/04	0930	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/24/04	2030	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/25/04	1000	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/26/04	0830	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/27/04	1030	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/28/04	0830	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/30/04	0900	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		11/5/04	0930	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		11/24/04	1000	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/30/05	0700	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/30/05	1430	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/30/05	2000	<.3	E.02	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/31/05	1130	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/1/05	0630	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/2/05	0700	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/4/05	0800	<.3	E.02	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/6/05	0700	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/9/05	0730	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
08155500	Main Spring	10/23/04	1400	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/24/04	1000	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/24/04	2100	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/25/04	1030	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/26/04	0900	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/27/04	1100	<.3	E.03	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/28/04	0900	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		10/30/04	1000	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		11/5/04	1030	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		11/24/04	1100	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/30/05	0730	<.3	E.02	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/30/05	1400	<.3	E.02	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/30/05	2100	<.3	E.02	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		5/31/05	1030	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/1/05	0730	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/2/05	0730	<.3	E.02	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/4/05	0930	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/6/05	0730	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4
		6/9/05	0800	<.3	<.04	<.03	<.2	<2	<.03	<.1	<.1	<.5	<.4

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Isopropyl-benzene, unfiltered, recoverable (µg/L)	Methyl acrylate, unfiltered, recoverable (µg/L)	Methyl acrylo-nitrile, unfiltered, recoverable (µg/L)	Methyl meth-acrylate, unfiltered, recoverable (µg/L)	Methyl tert-butyl ether, unfiltered, recoverable (µg/L)	Methyl tert-pentyl ether, unfiltered, recoverable (µg/L)	m-Xylene plus p-xylene, unfiltered, recoverable (µg/L)	Naphtha-lene, unfiltered, recoverable (µg/L)	n-Butyl methyl ketone, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.04	<1	<0.4	<0.2	<0.1	<0.04	<0.06	<0.5	<0.4
		10/24/04	0930	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/24/04	2030	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/25/04	1000	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/26/04	0830	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/27/04	1030	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/28/04	0830	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/30/04	0900	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		11/5/04	0930	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		11/24/04	1000	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/30/05	0700	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/30/05	1430	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/30/05	2000	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/31/05	1130	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/1/05	0630	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/2/05	0700	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/4/05	0800	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/6/05	0700	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/9/05	0730	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
08155500	Main Spring	10/23/04	1400	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/24/04	1000	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/24/04	2100	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/25/04	1030	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/26/04	0900	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/27/04	1100	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/28/04	0900	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		10/30/04	1000	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		11/5/04	1030	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		11/24/04	1100	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/30/05	0730	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/30/05	1400	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/30/05	2100	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		5/31/05	1030	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/1/05	0730	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/2/05	0730	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/4/05	0930	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/6/05	0730	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4
		6/9/05	0800	<.04	<1	<.4	<.2	<.1	<.04	<.06	<.5	<.4

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	Styrene, unfiltered, recoverable (µg/L)	tert-Butyl ethyl ether, unfiltered, recoverable (µg/L)	tert-Butyl-benzene, unfiltered, recoverable (µg/L)	Tetra-chloro-ethene, unfiltered, recoverable (µg/L)	Tetra-chloro-methane, unfiltered, recoverable (µg/L)	Tetra-hydrofuran, unfiltered, recoverable (µg/L)	Toluene, unfiltered, recoverable (µg/L)	*trans*-1,2-Dichloro-ethene, unfiltered, recoverable (µg/L)	*trans*-1,3-Dichloro-propene, unfiltered, recoverable (µg/L)	*trans*-1,4-Dichloro-2-butene, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.04	<0.03	<0.06	E0.05	<0.06	<1	<0.02	<0.03	<0.09	<0.7
		10/24/04	0930	<.04	<.03	<.06	<.03	<.06	<1	<.02	<.03	<.09	<.7
		10/24/04	2030	<.04	<.03	<.06	E.03	<.06	<1	<.02	<.03	<.09	<.7
		10/25/04	1000	<.04	<.03	<.06	E.04	<.06	<1	<.02	<.03	<.09	<.7
		10/26/04	0830	<.04	<.03	<.06	E.03	<.06	<1	<.02	<.03	<.09	<.7
		10/27/04	1030	<.04	<.03	<.06	E.04	<.06	<1	<.02	<.03	<.09	<.7
		10/28/04	0830	<.04	<.03	<.06	E.04	<.06	<1	<.02	<.03	<.09	<.7
		10/30/04	0900	<.04	<.03	<.06	E.05	<.06	<1	<.02	<.03	<.09	<.7
		11/5/04	0930	<.04	<.03	<.06	E.04	<.06	<1	<.02	<.03	<.09	<.7
		11/24/04	1000	<.04	<.03	<.06	E.02	<.06	<1	E.02	<.03	<.09	<.7
		5/30/05	0700	<.04	<.03	<.06	E.08	<.06	<1	<.02	<.03	<.09	<.7
		5/30/05	1430	<.04	<.03	<.06	E.05	<.06	<1	E.02	<.03	<.09	<.7
		5/30/05	2000	<.04	<.03	<.06	E.03	<.06	<1	<.02	<.03	<.09	<.7
		5/31/05	1130	<.04	<.03	<.06	E.05	<.06	<1	<.02	<.03	<.09	<.7
		6/1/05	0630	<.04	<.03	<.06	E.07	<.06	<1	<.02	<.03	<.09	<.7
		6/2/05	0700	<.04	<.03	<.06	E.04	<.06	<1	<.02	<.03	<.09	<.7
		6/4/05	0800	<.04	<.03	<.06	E.07	<.06	<1	<.02	<.03	<.09	<.7
		6/6/05	0700	<.04	<.03	<.06	E.06	<.06	<1	<.02	<.03	<.09	<.7
		6/9/05	0730	<.04	<.03	<.06	E.04	<.06	<1	<.02	<.03	<.09	<.7
08155500	Main Spring	10/23/04	1400	<.04	<.03	<.06	E.06	<.06	<1	<.02	<.03	<.09	<.7
		10/24/04	1000	<.04	<.03	<.06	.21	<.06	<1	<.02	<.03	<.09	<.7
		10/24/04	2100	<.04	<.03	<.06	.20	<.06	<1	<.02	<.03	<.09	<.7
		10/25/04	1030	<.04	<.03	<.06	.18	<.06	<1	<.02	<.03	<.09	<.7
		10/26/04	0900	<.04	<.03	<.06	.15	<.06	<1	<.02	<.03	<.09	<.7
		10/27/04	1100	<.04	<.03	<.06	.11	<.06	<1	<.02	<.03	<.09	<.7
		10/28/04	0900	<.04	<.03	<.06	.12	<.06	<1	<.02	<.03	<.09	<.7
		10/30/04	1000	<.04	<.03	<.06	E.10	<.06	<1	<.02	<.03	<.09	<.7
		11/5/04	1030	<.04	<.03	<.06	.12	<.06	<1	<.02	<.03	<.09	<.7
		11/24/04	1100	<.04	<.03	<.06	.80	<.06	<1	<.02	<.03	<.09	<.7
		5/30/05	0730	<.04	<.03	<.06	.17	<.06	<1	<.02	<.03	<.09	<.7
		5/30/05	1400	<.04	<.03	<.06	.14	<.06	<1	<.02	<.03	<.09	<.7
		5/30/05	2100	<.04	<.03	<.06	.15	<.06	<1	<.02	<.03	<.09	<.7
		5/31/05	1030	<.04	<.03	<.06	.18	<.06	<1	<.02	<.03	<.09	<.7
		6/1/05	0730	<.04	<.03	<.06	.15	<.06	<1	<.02	<.03	<.09	<.7
		6/2/05	0730	<.04	<.03	<.06	.19	<.06	<1	<.02	<.03	<.09	<.7
		6/4/05	0930	<.04	<.03	<.06	.12	<.06	<1	<.02	<.03	<.09	<.7
		6/6/05	0730	<.04	<.03	<.06	.11	<.06	<1	<.02	<.03	<.09	<.7
		6/9/05	0800	<.04	<.03	<.06	E.07	<.06	<1	<.02	<.03	<.09	<.7

Appendix 5.4. Volatile organic compound concentrations in samples for Storms 1 (October) 2004 and 2 (May 2005), Barton Springs, Austin, Texas—Continued.

USGS site identifier	Site name	Sample date	Time	n-Butyl-benzene, unfiltered, recoverable (µg/L)	n-Propyl-benzene, unfiltered, recoverable (µg/L)	o-Xylene, unfiltered, recoverable (µg/L)	sec-Butyl-benzene, unfiltered, recoverable (µg/L)	Tribromo-methane, unfiltered, recoverable (µg/L)	Trichloro-ethene, unfiltered, recoverable (µg/L)	Trichloro-fluoro-methane, unfiltered, recoverable (µg/L)	Trichloro-methane, unfiltered, recoverable (µg/L)	Vinyl chloride, unfiltered, recoverable (µg/L)
08155395	Upper Spring	10/23/04	1500	<0.1	<0.04	<0.04	<0.06	<0.1	<0.04	<0.08	E0.09	<0.1
		10/24/04	0930	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.04	<.1
		10/24/04	2030	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.06	<.1
		10/25/04	1000	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.08	<.1
		10/26/04	0830	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.09	<.1
		10/27/04	1030	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.09	<.1
		10/28/04	0830	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.09	<.1
		10/30/04	0900	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.08	<.1
		11/5/04	0930	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.09	<.1
		11/24/04	1000	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.03	<.1
		5/30/05	0700	<.1	<.04	<.04	<.06	<.1	<.04	<.08	.11	<.1
		5/30/05	1430	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.08	<.1
		5/30/05	2000	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.08	<.1
		5/31/05	1130	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.09	<.1
		6/1/05	0630	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.1	<.1
		6/2/05	0700	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.09	<.1
		6/4/05	0800	<.1	<.04	<.04	<.06	<.1	<.04	<.08	.12	<.1
		6/6/05	0700	<.1	<.04	<.04	<.06	<.1	<.04	<.08	.14	<.1
		6/9/05	0730	<.1	<.04	<.04	<.06	<.1	<.04	<.08	.11	<.1
08155500	Main Spring	10/23/04	1400	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.05	<.1
		10/24/04	1000	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.06	<.1
		10/24/04	2100	<.1	<.04	<.04	<.06	<.1	E.02	<.08	E.07	<.1
		10/25/04	1030	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.06	<.1
		10/26/04	0900	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.05	<.1
		10/27/04	1100	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.04	<.1
		10/28/04	0900	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.04	<.1
		10/30/04	1000	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.03	<.1
		11/5/04	1030	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.05	<.1
		11/24/04	1100	<.1	<.04	<.04	<.06	<.1	E.04	<.08	E.06	<.1
		5/30/05	0730	<.1	<.04	<.04	<.06	<.1	E.01	<.08	E.04	<.1
		5/30/05	1400	<.1	<.04	<.04	<.06	<.1	E.01	<.08	E.04	<.1
		5/30/05	2100	<.1	<.04	<.04	<.06	<.1	E.01	<.08	E.05	<.1
		5/31/05	1030	<.1	<.04	<.04	<.06	<.1	E.01	<.08	E.05	<.1
		6/1/05	0730	<.1	<.04	<.04	<.06	<.1	E.01	<.08	E.05	<.1
		6/2/05	0730	<.1	<.04	<.04	<.06	<.1	E.01	<.08	E.06	<.1
		6/4/05	0930	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.06	<.1
		6/6/05	0730	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.05	<.1
		6/9/05	0800	<.1	<.04	<.04	<.06	<.1	<.04	<.08	E.04	<.1

Appendix 5.5. Pharmaceutical compound concentrations in samples for Storm 2 (May 2005), Barton Springs, Austin, Texas.

[USGS, U.S. Geological Survey; µg/L, micrograms per liter; <, less than laboratory reporting level (not established, but most likely 0.01 µg/L)]

USGS site identifier	Site name	Sample date	Time	1,7-Dimethylxanthine (µg/L)	Acetaminophen (Tylenol) (µg/L)	Azithromycin (µg/L)	Caffeine (coffee) (µg/L)	Carbamazapine (µg/L)	Cimetidine (Tagamet; peptic ulcers) (µg/L)	Codeine (µg/L)	Cotinine (nicotine metabolite (µg/L)	Dehydronifedipine (metabolite of nifedipine; hypertension) (µg/L)	Diltiazem (heart medication) (µg/L)	Diphenhydramine (Benadryl; antihistamine) (µg/L)
08155500	Main Spring	5/30/05	0730	<	<	<	<	<	<	<	<	<	<	<
		5/30/05	2100	<	<	<	<	<	<	<	<	<	<	<
		6/1/05	0730	<	<	<	0.021	<	<	<	<	<	<	<
		6/4/05	0930	<	<	<	<	<	<	<	<	<	<	
		6/9/05	0800	<	<	<	<	<	<	<	<	<	<	<
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite)	5/29/05	2140	<	<	<	.028	<	<	<	<	<	<	<
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	5/29/05	2055	<	<	<	.079	<	<	<	<	<	<	<
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	5/29/05	2105	<	<	<	.455	<	<	<	<	<	<	<

USGS site identifier	Site name	Sample date	Time	Erythromycin (antibiotic) (µg/L)	Fluoxetine (Prozac) (µg/L)	Furosemide (µg/L)	Gemfibrozil (µg/L)	Ibuprofen (µg/L)	Miconazole (Monistat; antifungal) (µg/L)	Metformin (µg/L)	Ranitidine (Zantac; antacid; peptic ulcers) (µg/L)	Salbutamol (µg/L)	Sulfamethoxazole (urinary tract infections) (µg/L)	Thiabendazole (antifungal; antiworm) (µg/L)	Trimethoprim (bactericidal antibiotic) (µg/L)	Warfarin (blood thinner; anticlotting) (µg/L)
08155500	Main Spring	5/30/05	0730	<	<	<	<	<	<	<	<	<	<	<	<	<
		5/30/05	2100	<	<	<	<	<	<	<	<	<	<	<	<	<
		6/1/05	0730	<	<	<	<	<	<	<	<	<	<	<	<	<
		6/4/05	0930	<	<	<	<	<	<	<	<	<	<	<	<	<
		6/9/05	0800	<	<	<	<	<	<	<	<	<	<	<	<	<
08158827	Onion Creek at Twin Creeks Rd. near Manchaca, Tex. (composite)	5/29/05	2140	<	<	<	<	<	<	<	<	<	<	<	<	<
08158860	Slaughter Creek at FM 2304 near Austin, Tex. (composite)	5/29/05	2055	<	<	<	<	<	<	<	<	<	<	<	<	<
08158930	Williamson Creek at Manchaca Rd., Austin, Tex. (composite)	5/29/05	2105	<	<	<	<	<	<	<	<	<	<	<	<	<