



Water-Data Report 2011

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS

Lower Mississippi-Greenville Basin
Lower Mississippi-Greenville Subbasin

LOCATION.--Lat 32°20'23", long 90°54'45" referenced to North American Datum of 1983, in SE ¼ sec.11, T.16 N., R.15 E., Warren County, MS, Hydrologic Unit 08030100, Washington Meridian.

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Gage height, ft (00065)
10-20-2010	1130	--	409,000	8.4	7.5	447	19.2	15.45
12-08-2010	1030	770	511,000	10.5	6.7	494	8.2	19.46
01-06-2011	1230	760	317,000	11.9	7.2	445	5.4	9.47
02-09-2011	1100	767	368,000	13.2	7.2	478	3.4	12.22
03-01-2011	1300	769	700,000	11.4	7.9	459	8.0	25.94
03-23-2011	1045	760	1,150,000	9.8	6.5	329	11.5	41.53
04-06-2011	1300	760	1,210,000	9.8	7.6	361	12.2	41.87
04-20-2011	1230	764	989,000	9.1	6.6	379	16.1	37.28
05-04-2011	1530	771	1,640,000	7.2	7.5	283	22.8	46.27
05-13-2011	1400	757	2,100,000	6.3	7.1	265	19.0	55.62
05-19-2011	1200	761	2,320,000	6.3	7.5	279	19.1	56.96
05-25-2011	1530	759	2,020,000	6.6	7.2	302	21.1	55.36
06-01-2011	1300	767	1,700,000	6.2	7.1	337	22.6	52.19
06-08-2011	1500	761	1,400,000	6.0	7.1	345	25.2	48.71
06-14-2011	1100	762	1,160,000	5.8	7.2	385	26.9	44.97
06-21-2011	1200	760	851,000	6.6	7.5	446	27.1	39.15
07-13-2011	1100	762	901,000	6.4	7.4	442	28.8	35.53
07-27-2011	1030	760	626,000	6.1	7.8	509	30.7	26.87
08-17-2011	1100	764	521,000	6.6	7.8	537	29.6	22.78

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[CaCO₃, calcium carbonate; NTRU, nephelometric turbidity ratio unit; mg/L, milligrams per liter; mm, millimeters; nm, nanometers]

Date	Sample start time	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concentration, mg/L (80154)
10-20-2010	1130	45	138	167	69	121
12-08-2010	1030	52	119	145	52	197
01-06-2011	1230	52	136	165	62	172
02-09-2011	1100	33	122	149	53	99
03-01-2011	1300	170	123	148	69	610
03-23-2011	1045	64	91	113	54	181
04-06-2011	1300	38	108	130	73	91
04-20-2011	1230	56	89	108	64	157
05-04-2011	1530	53	85	103	75	107
05-13-2011	1400	56	80	97	51	164
05-19-2011	1200	43	87	106	43	128
05-25-2011	1530	27	95	116	58	113
06-01-2011	1300	34	94	114	72	63
06-08-2011	1500	59	90	109	80	106
06-14-2011	1100	60	106	128	86	115
06-21-2011	1200	64	158	191	89	157
07-13-2011	1100	72	124	115	87	156
07-27-2011	1030	61	124	150	85	155
08-17-2011	1100	50	148	179	89	115

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 13

[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Absorbance, UV, 254 nm, 1 cm path length, water, filtered, units per centimeter (50624)	Absorbance, UV, organic constituents, 280 nm, 1 cm path length, water, filtered, units per centimeter (61726)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Carbon (inorganic plus organic), suspended sediment, total, mg/L (00694)
10-20-2010	1130	.187	.137	280	48.8	16.6	4.31	18.7	2.63
12-08-2010	1030	.123	.092	296	48.5	17.2	4.15	29.1	2.15
01-06-2011	1230	.096	.063	285	50.5	16.9	3.51	22.5	2.31
02-09-2011	1100	.097	.072	290	49.1	16.1	2.94	23.5	1.03
03-01-2011	1300	.113	.084	276	49.6	16.1	3.53	25.4	8.49
03-23-2011	1045	.121	.090	189	36.1	10.4	3.06	14.3	1.84
04-06-2011	1300	.105	.078	218	41.6	12.4	2.98	15.4	1.79
04-20-2011	1230	.101	.074	223	41.4	12.8	2.94	16.4	4.42
05-04-2011	1530	.139	.104	189	32.9	9.32	3.02	11.8	1.23
05-13-2011	1400	.145	.110	172	31.8	9.03	3.23	8.75	1.99
05-19-2011	1200	.144	.108	156	33.0	9.38	3.00	8.82	2.12
05-25-2011	1530	.142	.106	184	33.8	10.3	2.99	10.0	2.06
06-01-2011	1300	.130	.096	203	34.0	11.3	2.88	12.6	1.77
06-08-2011	1500	.134	.097	209	37.9	11.9	3.30	13.6	2.60
06-14-2011	1100	.131	.096	222	41.3	14.1	3.50	13.8	2.38
06-21-2011	1200	.128	.094	285	45.6	15.9	3.75	16.9	2.83
07-13-2011	1100	.117	.085	239	44.6	15.0	3.89	18.9	3.16
07-27-2011	1030	.112	.080	299	48.7	18.0	4.27	27.5	4.42
08-17-2011	1100	.111	.079	313	47.4	17.9	4.53	31.3	2.65

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Inorganic carbon, suspended sediment, total, mg/L (00688)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)
10-20-2010	1130	16.9	.21	.12	10.7	54.2	.41	.65	< .010	1.61
12-08-2010	1030	28.0	.24	< .03	6.91	71.2	.38	.57	.025	1.43
01-06-2011	1230	20.9	.20	.03	8.73	51.4	.33	.62	.064	1.52
02-09-2011	1100	28.4	.19	< .03	8.13	55.5	.31	.63	.050	1.82
03-01-2011	1300	30.5	.19	.25	9.48	50.7	.36	1.2	.068	2.11
03-23-2011	1045	21.3	.13	.05	7.21	31.8	.30	.65	.022	1.77
04-06-2011	1300	19.8	.15	.04	6.98	38.0	.40	.48	.016	1.70
04-20-2011	1230	19.7	.16	.07	6.95	45.8	.29	.54	< .010	1.79
05-04-2011	1530	13.9	.14	< .03	6.81	31.3	.32	.62	.022	1.09
05-13-2011	1400	11.0	.11	< .03	7.37	29.4	.35	.57	.028	1.21
05-19-2011	1200	10.9	.12	< .03	6.87	30.1	.31	.47	.020	1.23
05-25-2011	1530	12.1	.11	< .03	6.14	34.5	.34	.50	< .010	1.21
06-01-2011	1300	14.9	.12	< .03	5.64	40.0	.31	.46	.011	1.19
06-08-2011	1500	14.5	.17	.12	6.40	41.2	.33	.58	< .010	1.55
06-14-2011	1100	14.8	.19	< .03	7.54	43.4	.32	.58	< .010	2.06
06-21-2011	1200	16.9	.21	< .03	7.42	53.6	.30	.66	.010	2.17
07-13-2011	1100	14.8	.24	.05	8.83	56.5	.30	.67	< .010	1.94
07-27-2011	1030	17.2	.26	.13	8.34	81.2	.32	.55	< .010	1.55
08-17-2011	1100	17.2	.26	< .03	8.87	86.6	.23	.53	< .010	1.19

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 13

[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)	Particulate nitrogen, suspended in water, mg/L (49570)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Iron, water, filtered, µg/L (01046)	Lithium, water, filtered, µg/L (01130)	Strontium, water, filtered, µg/L (01080)
10-20-2010	1130	.001	.114	.30	.09	.22	13	12.6	199
12-08-2010	1030	.009	.088	.29	.10	.23	34	12.9	231
01-06-2011	1230	.011	.057	.26	.04	.19	20	9.7	201
02-09-2011	1100	.012	.050	.21	.04	.17	29	7.5	211
03-01-2011	1300	.025	.071	.84	.08	.52	135	8.2	192
03-23-2011	1045	.017	.052	.17	.07	.20	100	2.8	130
04-06-2011	1300	.015	.053	.23	.11	.15	34	4.3	156
04-20-2011	1230	.026	.059	.47	.06	.20	29	5.1	158
05-04-2011	1530	.032	.054	.17	.05	.18	81	2.5	122
05-13-2011	1400	.036	.053	.23	.04	.17	69	2.7	112
05-19-2011	1200	.030	.051	.28	.06	.17	63	3.5	113
05-25-2011	1530	.021	.059	.12	.07	.17	71	4.0	119
06-01-2011	1300	.009	.067	.21	.09	.16	39	5.6	129
06-08-2011	1500	.002	.073	.31	.07	.20	47	5.8	152
06-14-2011	1100	.002	.082	.32	.08	.21	14	6.1	161
06-21-2011	1200	<.001	.093	.37	.08	.24	8	7.5	183
07-13-2011	1100	.001	.090	.34	.09	.23	12	10.0	190
07-27-2011	1030	<.001	.099	.35	.10	.23	< 3	18.5	242
08-17-2011	1100	.001	.114	.32	.12	.21	6	17.0	256

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Vanadium, water, filtered, µg/L (01085)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, µg/L (61618)	2-Chloro-4-isopropyl-amino-6-amino-s-triazine, water, filtered, recoverable, µg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, µg/L (61620)
10-20-2010	1130	2.4	2.0	56	.80	< .036	< .006	< .010	E .080	< .010
12-08-2010	1030	1.3	1.4	90	.77	< .036	< .006	< .010	< .006	< .010
01-06-2011	1230	.87	1.1	52	.60	< .036	< .006	< .010	E .045	< .010
02-09-2011	1100	.72	.92	53	.70	< .036	< .006	< .010	E .062	< .010
03-01-2011	1300	1.3	1.1	45	.70	< .036	< .006	< .010	E .069	< .010
03-23-2011	1045	1.2	.92	26	.49	< .036	< .006	< .010	< .035	< .010
04-06-2011	1300	.91	.92	30	.57	< .036	< .006	< .010	E .024	< .010
04-20-2011	1230	.94	1.0	32	.57	< .036	< .006	< .010	E .056	< .010
05-04-2011	1530	1.2	1.0	21	.43	< .036	< .006	< .010	E .080	< .010
05-13-2011	1400	1.2	1.2	24	.43	< .036	< .006	< .010	E .066	< .010
05-19-2011	1200	1.2	1.2	24	.44	< .036	< .006	< .010	E .089	< .010
05-25-2011	1530	1.2	1.3	26	.46	< .036	< .006	< .010	E .118	< .010
06-01-2011	1300	1.0	1.3	32	.53	< .036	< .006	< .010	E .136	< .010
06-08-2011	1500	1.3	1.5	33	.57	< .036	< .006	< .010	E .414	< .010
06-14-2011	1100	1.6	1.8	32	.76	< .036	< .006	< .010	E .331	< .010
06-21-2011	1200	1.9	2.0	37	.85	< .036	< .006	< .010	E .201	< .010
07-13-2011	1100	2.2	2.0	47	.85	< .036	< .006	< .010	E .287	< .010
07-27-2011	1030	2.6	2.4	63	.93	< .036	< .006	< .010	E .178	< .010
08-17-2011	1100	3.0	2.8	60	.98	< .036	< .006	< .010	E .135	< .010

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	3,4-Dichloro-aniline, water, filtered, recoverable, µg/L (61625)	3,5-Di-chloro-aniline, water, filtered, recoverable, µg/L (61627)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633)	Aceto-chlor, water, filtered, recoverable, µg/L (49260)	Alachlor, water, filtered, recoverable, µg/L (46342)	alpha-Endo-sulfan, water, filtered, recoverable, µg/L (34362)	Atrazine, water, filtered, recoverable, µg/L (39632)	Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)
10-20-2010	1130	<.004	<.004	<.005	.017	<.008	<.006	.124	<.04	<.120
12-08-2010	1030	<.004	<.004	<.005	<.010	<.008	<.006	<.008	<.04	<.120
01-06-2011	1230	<.005	<.004	<.005	.023	<.008	<.006	.094	<.04	<.120
02-09-2011	1100	E .004	<.004	<.005	.015	<.008	<.006	.087	<.04	<.120
03-01-2011	1300	<.004	<.004	<.005	.021	.009	<.006	.139	<.04	<.120
03-23-2011	1045	<.004	<.004	<.005	.011	<.008	<.006	.060	<.04	<.120
04-06-2011	1300	<.004	<.004	<.005	.013	<.008	<.006	.064	<.04	<.120
04-20-2011	1230	E .004	<.004	<.005	.032	<.008	<.006	.334	<.04	<.120
05-04-2011	1530	E .005	<.004	<.005	.047	.008	<.006	.616	<.04	<.120
05-13-2011	1400	<.004	<.004	<.005	.036	.006	<.006	.455	<.04	<.120
05-19-2011	1200	E .005	<.004	<.005	.038	.006	<.006	.439	<.04	<.120
05-25-2011	1530	E .005	<.004	<.005	.041	<.008	<.006	.446	<.04	<.120
06-01-2011	1300	E .008	<.004	<.005	.091	.008	<.006	.912	<.04	<.120
06-08-2011	1500	E .009	<.004	<.005	.330	.017	<.006	.621	<.04	<.120
06-14-2011	1100	E .008	<.004	<.005	.267	.010	<.006	.424	<.04	<.120
06-21-2011	1200	E .009	<.004	<.005	.130	.008	<.006	.795	<.04	<.120
07-13-2011	1100	E .010	<.004	<.005	.092	.008	<.006	.806	<.04	<.120
07-27-2011	1030	E .005	<.004	<.005	.054	<.008	<.006	.522	<.04	<.120
08-17-2011	1100	E .005	<.004	<.005	.019	<.008	<.006	.271	<.04	<.120

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82674)	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	cis-Propiconazole, water, filtered, recoverable, µg/L (79846)	Cyanazine, water, filtered, recoverable, µg/L (04041)
10-20-2010	1130	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
12-08-2010	1030	<.014	<.060	<.060	<.06	<.004	<.010	E .006	<.022
01-06-2011	1230	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
02-09-2011	1100	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
03-01-2011	1300	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
03-23-2011	1045	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
04-06-2011	1300	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
04-20-2011	1230	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
05-04-2011	1530	<.014	E .007	<.060	<.06	<.004	<.010	<.008	<.022
05-13-2011	1400	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
05-19-2011	1200	<.014	<.060	<.060	<.06	<.004	<.010	E .005	<.022
05-25-2011	1530	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
06-01-2011	1300	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
06-08-2011	1500	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
06-14-2011	1100	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
06-21-2011	1200	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
07-13-2011	1100	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
07-27-2011	1030	<.014	<.060	<.060	<.06	<.004	<.010	<.008	<.022
08-17-2011	1100	<.014	<.060	<.060	<.06	<.004	<.010	E .009	<.022

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Cyfluthrin, water, filtered, recoverable, µg/L (61585)	Cypermethrin, water, filtered, recoverable, µg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)	Desulfinyl-fipronil amide, water, filtered, recoverable, µg/L (62169)	Desulfinyl-fipronil, water, filtered, recoverable, µg/L (62170)	Diazinon, water, filtered, recoverable, µg/L (39572)	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)
10-20-2010	1130	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
12-08-2010	1030	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
01-06-2011	1230	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
02-09-2011	1100	<.016	<.020	.003	<.029	.007	<.006	<.04	<.08	<.008
03-01-2011	1300	<.016	<.020	.003	<.029	.006	<.006	<.04	<.08	<.008
03-23-2011	1045	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
04-06-2011	1300	<.160	<.150	<.008	<.029	<.012	<.006	<.04	<.08	<.008
04-20-2011	1230	<.016	<.020	<.008	<.029	.007	<.006	<.04	<.08	<.008
05-04-2011	1530	<.016	<.020	.003	<.029	<.012	<.006	<.04	<.08	<.008
05-13-2011	1400	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
05-19-2011	1200	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
05-25-2011	1530	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
06-01-2011	1300	<.016	<.020	.003	<.029	<.012	<.006	<.04	<.08	<.008
06-08-2011	1500	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
06-14-2011	1100	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
06-21-2011	1200	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
07-13-2011	1100	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
07-27-2011	1030	<.016	<.020	<.008	<.029	<.012	<.006	<.04	<.08	<.008
08-17-2011	1100	<.016	<.020	<.008	<.029	.005	<.006	<.04	<.08	<.008

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82662)	Disulfoton sulfone, water, filtered, recover- able, µg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82677)	Endosulfan sulfate, water, filtered, recover- able, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82668)	Ethion monoxon, water, filtered, recover- able, µg/L (61644)	Ethion, water, filtered, recover- able, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82672)	Fenami- phos sulfone, water, filtered, recover- able, µg/L (61645)
10-20-2010	1130	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
12-08-2010	1030	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
01-06-2011	1230	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
02-09-2011	1100	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
03-01-2011	1300	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
03-23-2011	1045	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
04-06-2011	1300	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
04-20-2011	1230	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
05-04-2011	1530	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
05-13-2011	1400	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
05-19-2011	1200	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
05-25-2011	1530	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
06-01-2011	1300	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
06-08-2011	1500	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
06-14-2011	1100	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
06-21-2011	1200	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
07-13-2011	1100	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
07-27-2011	1030	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054
08-17-2011	1100	< .006	< .01	< .04	< .016	< .006	< .02	< .008	< .016	< .054

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Fenami-phos sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenami-phos, water, filtered, recoverable, µg/L (61591)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Fonofos, water, filtered, recoverable, µg/L (04095)	Hexazinone, water, filtered, recoverable, µg/L (04025)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofenphos, water, filtered, recoverable, µg/L (61594)
10-20-2010	1130	<.08	<.03	<.012	<.024	E.004	<.005	<.008	<.014	<.006
12-08-2010	1030	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
01-06-2011	1230	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
02-09-2011	1100	<.08	<.03	<.012	<.024	E.004	<.005	<.009	<.014	<.006
03-01-2011	1300	<.08	<.03	<.012	<.024	E.006	<.005	<.008	<.014	<.006
03-23-2011	1045	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
04-06-2011	1300	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
04-20-2011	1230	<.08	<.03	<.012	<.024	E.002	<.005	<.008	<.014	<.006
05-04-2011	1530	<.08	<.03	<.012	.003	E.003	<.005	<.008	<.014	<.006
05-13-2011	1400	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
05-19-2011	1200	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
05-25-2011	1530	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
06-01-2011	1300	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
06-08-2011	1500	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
06-14-2011	1100	<.08	<.03	<.012	<.024	E.009	<.005	<.009	<.014	<.006
06-21-2011	1200	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
07-13-2011	1100	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
07-27-2011	1030	<.08	<.03	<.012	<.024	<.018	<.005	<.008	<.014	<.006
08-17-2011	1100	<.08	<.03	.006	<.024	<.018	<.005	<.008	<.014	<.006

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	lambda-Cyhalothrin, water, filtered, recoverable, µg/L (61595)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)	Methyl parathion, water, filtered, (0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)
10-20-2010	1130	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.044	< .012
12-08-2010	1030	< .010	< .022	< .016	< .014	< .012	< .01	< .008	< .020	< .012
01-06-2011	1230	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.044	< .012
02-09-2011	1100	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.039	< .012
03-01-2011	1300	< .010	< .022	< .016	< .014	< .012	< .02	< .008	.039	.009
03-23-2011	1045	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.031	< .012
04-06-2011	1300	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.030	< .012
04-20-2011	1230	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.095	.009
05-04-2011	1530	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.166	.011
05-13-2011	1400	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.157	.009
05-19-2011	1200	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.148	< .012
05-25-2011	1530	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.152	< .012
06-01-2011	1300	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.253	< .012
06-08-2011	1500	< .010	< .022	< .016	< .014	< .012	< .01	< .011	.877	.026
06-14-2011	1100	< .010	< .022	< .016	.010	< .012	< .01	< .008	.804	.018
06-21-2011	1200	< .010	< .022	< .016	.009	< .012	< .01	< .008	.454	.014
07-13-2011	1100	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.700	< .012
07-27-2011	1030	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.274	< .012
08-17-2011	1100	< .010	< .022	< .016	< .014	< .012	< .01	< .008	.148	< .012

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Molinate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82671)	Myclobutanol, water, filtered, recoverable, µg/L (61599)	Oxyfluorfen, water, filtered, recoverable, µg/L (61600)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Prometon, water, filtered, recoverable, µg/L (04037)
10-20-2010	1130	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.011
12-08-2010	1030	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.014
01-06-2011	1230	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	<.012
02-09-2011	1100	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.008
03-01-2011	1300	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.011
03-23-2011	1045	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.007
04-06-2011	1300	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.003
04-20-2011	1230	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.010
05-04-2011	1530	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.008
05-13-2011	1400	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.008
05-19-2011	1200	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.009
05-25-2011	1530	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	E .008
06-01-2011	1300	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.010
06-08-2011	1500	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.012
06-14-2011	1100	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.009
06-21-2011	1200	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.009
07-13-2011	1100	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.008
07-27-2011	1030	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.011
08-17-2011	1100	<.004	<.010	<.006	<.012	<.03	<.020	<.05	<.140	.010

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Prometryn, water, filtered, recoverable, µg/L (04036)	Propanil, water, filtered, recoverable, µg/L (82679)	Propargite, water, filtered, recoverable, µg/L (82685)	Propyz-amide, water, filtered, recoverable, µg/L (82676)	Simazine, water, filtered, recoverable, µg/L (04035)	Tebu-thiuron, water, filtered, recoverable, µg/L (82670)	Tefluthrin, water, filtered, recoverable, µg/L (61606)	Terbufos oxygen sulfone, water, filtered, recoverable, µg/L (61674)	Terbufos, water, filtered, recoverable, µg/L (82675)
10-20-2010	1130	.005	<.010	<.02	<.004	.011	<.03	<.010	<.04	<.02
12-08-2010	1030	<.006	<.010	<.02	<.004	<.009	<.03	<.010	<.04	<.02
01-06-2011	1230	<.006	<.010	<.02	<.004	.149	<.03	<.010	<.04	<.02
02-09-2011	1100	.007	<.010	<.02	<.004	.056	<.03	<.010	<.04	<.02
03-01-2011	1300	<.007	<.010	<.02	<.004	.293	<.03	<.010	<.04	<.02
03-23-2011	1045	<.006	<.010	<.02	<.004	.205	<.03	<.010	<.04	<.02
04-06-2011	1300	<.006	<.010	<.02	<.004	.099	<.03	<.010	<.04	<.02
04-20-2011	1230	.006	<.010	<.02	<.004	.080	<.03	<.010	<.04	<.02
05-04-2011	1530	.006	<.010	<.02	<.004	.107	.01	<.010	<.04	<.02
05-13-2011	1400	<.006	<.010	<.02	<.004	.079	<.03	<.010	<.04	<.02
05-19-2011	1200	.007	<.010	<.02	<.004	.081	<.03	<.010	<.04	<.02
05-25-2011	1530	E .011	<.010	<.02	<.004	.068	<.03	<.010	<.04	<.02
06-01-2011	1300	.035	<.010	<.02	<.004	.052	<.03	<.010	<.04	<.02
06-08-2011	1500	.036	<.010	<.02	<.004	.043	<.03	<.010	<.04	<.02
06-14-2011	1100	.019	<.010	<.02	<.004	.024	<.03	<.010	<.04	<.02
06-21-2011	1200	.019	<.010	<.02	<.004	.031	<.03	<.010	<.04	<.02
07-13-2011	1100	.010	<.010	<.02	<.004	.019	<.03	<.010	<.04	<.02
07-27-2011	1030	E .009	<.010	<.02	<.004	.019	<.03	<.010	<.04	<.02
08-17-2011	1100	.007	<.010	<.02	<.004	.012	<.03	<.010	<.04	<.02

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[N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Sample start time	Terbutyl-azine, water, filtered, recoverable, µg/L (04022)	Thioben-carb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82681)	trans-Propicon-azole, water, filtered, recoverable, µg/L (79847)	Tribuphos, water, filtered, recoverable, µg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661)	Organic carbon, suspended sediment, total, mg/L (00689)	Organic carbon, water, filtered, mg/L (00681)
10-20-2010	1130	<.01	<.016	<.01	<.018	.004	2.50	5.5
12-08-2010	1030	<.01	<.016	E .02	<.018	<.018	2.15	4.3
01-06-2011	1230	<.01	<.016	<.01	<.018	.006	2.28	3.7
02-09-2011	1100	<.01	<.016	<.01	<.018	.007	1.03	3.5
03-01-2011	1300	<.01	<.016	<.01	<.018	<.018	8.24	3.6
03-23-2011	1045	<.01	<.016	<.01	<.018	<.018	1.79	3.9
04-06-2011	1300	<.01	<.016	<.01	<.018	E .004	1.75	3.4
04-20-2011	1230	.01	<.016	<.01	<.018	.003	4.35	3.3
05-04-2011	1530	<.01	<.016	<.01	<.018	.003	1.20	4.3
05-13-2011	1400	<.01	<.016	E .01	<.018	.006	1.99	4.3
05-19-2011	1200	<.01	<.016	E .01	<.018	.004	2.11	4.5
05-25-2011	1530	<.01	<.016	E .01	<.018	.003	2.05	4.3
06-01-2011	1300	<.01	<.016	E .01	<.018	.004	1.76	4.5
06-08-2011	1500	<.01	<.016	<.01	<.018	.034	2.48	4.7
06-14-2011	1100	<.01	<.016	E .01	<.018	<.018	2.38	4.4
06-21-2011	1200	.01	<.016	<.01	<.018	<.018	2.83	4.1
07-13-2011	1100	<.01	<.016	<.01	<.018	<.018	3.10	3.9
07-27-2011	1030	<.01	<.016	<.01	<.018	<.018	4.29	4.1
08-17-2011	1100	<.01	<.016	E .01	<.018	E .031	2.65	4.1

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[µg/L, micrograms per liter; <, less than]

Date	2,4-D methyl ester, water, filtered, recoverable, µg/L (50470)	2,4-D, water, filtered, recoverable, µg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38746)	2-Chloro-6-ethyl-amino-4-triazine, water, filtered, recoverable, µg/L (04038)	2-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, µg/L (50355)	3-Hydroxy-carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49308)	Acifluor-fen, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49315)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49314)	Bendio-carb, water, filtered, recoverable, µg/L (50299)
	05-19-2011	< .200	.03	< .02	.04	.101	< .040	< .040	< .08	< .060
05-25-2011	< .200	.04	< .02	.03	.107	< .040	< .040	< .08	< .060	< .04
06-01-2011	< .200	.04	< .02	.03	.141	< .040	< .040	< .08	< .060	< .04

WATER-QUALITY DATA
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[µg/L, micrograms per liter; <, less than]

Date	Benomyl, water, filtered, recoverable, µg/L (50300)	Ben-sulfuron-methyl, water, filtered, recoverable, µg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38711)	Bromacil, water, filtered, recoverable, µg/L (04029)	Brom-oxynil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49310)	Carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309)	Chlor-amben methyl ester, water, filtered, recoverable, µg/L (61188)	Chlori-muron-ethyl, water, filtered, recoverable, µg/L (50306)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49305)
	05-19-2011	< .060	< .06	< .06	< .06	< .12	< .04	< .040	< .10	< .080
05-25-2011	< .060	< .06	< .06	< .06	< .12	< .04	< .040	< .10	< .080	< .06
06-01-2011	< .060	< .06	< .06	< .06	< .12	< .04	< .040	< .10	< .080	< .06

322023090544500 MISSISSIPPI RIVER ABOVE VICKSBURG AT MILE 438, MS—Continued

WATER-QUALITY DATA
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Part 3 of 6

[µg/L, micrograms per liter; <, less than]

Date	Cycloate, water, filtered, recover- able, µg/L (04031)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49304)	Dicamba, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38442)	Dichlor- prop, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49302)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49301)	Di- phenamid, water, filtered, recover- able, µg/L (04033)	Diuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49300)	Fenuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49297)	Flumet- sulam, water, filtered, recover- able, µg/L (61694)	Fluome- turon, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38811)
05-19-2011	< .04	< .04	< .04	< .04	< .04	< .04	.03	< .06	< .06	< .04
05-25-2011	< .04	< .04	< .04	< .04	< .04	< .04	.03	< .06	< .06	< .04
06-01-2011	< .04	< .04	< .04	< .04	< .04	< .04	.03	< .06	< .06	.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[µg/L, micrograms per liter; <, less than]

Date	Imazaquin, water, filtered, recover- able, µg/L (50356)	Imaze- thapyr, water, filtered, recover- able, µg/L (50407)	Imi- dacloprid, water, filtered, recover- able, µg/L (61695)	Linuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38478)	MCPA, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38487)	Metalaxyl, water, filtered, recover- able, µg/L (50359)	Methio- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49296)	Metsul- furon- methyl, water, filtered, recover- able, µg/L (61697)
05-19-2011	< .06	< .06	< .060	< .04	< .04	< .20	< .04	< .040	< .120	< .14
05-25-2011	< .06	< .06	< .060	< .04	< .04	< .20	< .04	< .040	< .120	< .14
06-01-2011	< .06	< .06	< .060	< .04	< .04	< .20	< .04	< .040	< .120	< .14

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 6

[µg/L, micrograms per liter; <, less than]

Date	N-(4-Chlorophenyl)-N'-methyl-urea, water, filtered, recoverable, µg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49294)	Nicosulfuron, water, filtered, recoverable, µg/L (50364)	Norflurazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38866)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49291)	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49236)	Propiconazole, water, filtered, recoverable, µg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38538)
05-19-2011	< .06	< .02	< .10	< .04	< .04	< .12	< .12	< .040	< .04	< .060
05-25-2011	< .06	< .02	< .10	< .04	< .04	< .12	< .12	< .040	< .04	< .060
06-01-2011	< .06	< .02	< .10	< .04	< .04	< .12	< .12	< .040	< .04	< .060

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[µg/L, micrograms per liter; <, less than]

Date	Siduron, water, filtered, recoverable, µg/L (38548)	Sulfometuron-methyl, water, filtered, recoverable, µg/L (50337)	Terbacil, water, filtered, recoverable, µg/L (04032)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49235)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, micrograms per liter as 2,4-D (66496)	Caffeine, water, filtered, recoverable, µg/L (50305)
05-19-2011	< .04	< .060	< .040	< .08	.03	< .080
05-25-2011	< .04	< .060	< .040	< .08	.04	< .080
06-01-2011	< .04	< .060	< .040	< .08	.04	< .080