Water-Data Report 2013

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY

Southwestern Lake Ontario Basin
Lower Genesee Subbasin

LOCATION.--Lat 43°08'30.2", long 77°36'58.7" referenced to North American Datum of 1983, Monroe County, NY, Hydrologic Unit 04130003, on left bank, adjacent to floodwall, about 400 ft upstream of the Ford Street bridge, in Rochester.

DRAINAGE AREA.--2,474 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1904 to September 1918, December 1919 to current year. Published as 04231500, "below Erie Canal at Rochester," 1904-18, as 04232000, "at Driving Park Avenue," 1919-68, and "at Rochester," 1969-2005.

GAGE.--Acoustic velocity meter and water-stage recorder. Acoustic velocity meter since 2005. Datum of gage is Barge Canal Datum (1.08 ft below NGVD of 1929). April 1904 to December 1910, nonrecording gage, and December 1910 to September 1918, water-stage recorder, at site 1.9 mi upstream at datum 506.85 ft, Barge Canal datum. December 1919 to Apr. 4, 1927, in plant 5, and Apr. 4, 1927 to June 19, 1956, at site 3.1 mi downstream at datum 250.00 ft above NGVD of 1929. June 20, 1956 to Sept. 30, 1969, at site 3.1 mi downstream at datum 247.00 ft above NGVD of 1929. Oct. 1, 1969 to Sept. 30, 1985, at site 3.1 mi downstream at datum 246.24 ft above NGVD of 1929. Oct. 1, 1985 to Sep. 30, 2005, at site 3.1 mi downstream at datum 244.24 ft above NGVD of 1929 (245.00 ft Barge Canal datum).

REMARKS.--Records good except those below 800 ft^3/s, which are fair, and those for estimated daily discharges, which are poor. Occasional fluctuation caused by powerplant downstream from station. New York State Erie (Barge) Canal crosses river 1.8 mi upstream from station. Water diverted by the canal from Lake Erie is discharged into river from the west, the canal again diverting a smaller amount of water from river to the east. Additional regulation is provided by Rushford Lake, Mount Morris Lake (station 04224000), and Conesus Lake (station 04227980). Telephone and satellite gage height and velocity telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, since construction of Mt. Morris Reservoir in 1951, 29,600 ft^3/s, June 25, 1972, gage height, 15.89 ft, site and datum then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, about 54,000 ft^3/s, Mar. 18, 1865.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--Maximum discharge, prior to construction of Mt. Morris Reservoir in 1951, 48,300 ft^3/s, Mar. 30, 1916, gage height, 15.3 ft, site and datum then in use; minimum discharge (at gage site located 3.1 mi downstream), less than 10 ft^3/s, occurred during low-water periods in some years when power plant was shut down.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 11,700 ft^3/s, Apr. 13; minimum daily discharge, 244 ft^3/s, Sep. 19. Maximum and minimum instantaneous discharges not determined.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 04231600, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/04231600.2013.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	544	7,450	782	2,430	7,070	4,760	3,310	2,350	3,410	2,860	750	475
2	623	7,140	882	2,220	6,850	4,190	3,960	2,300	2,380	2,610	726	480
3	625	7,050	856	2,010	6,760	3,370	4,230	2,010	2,230	3,590	640	407
4	562	6,880	1,090	2,150	6,900	2,780	3,690	1,860	2,360	5,310	709	423
5	562	6,460	1,490	2,320	7,010	2,360	3,040	1,710	2,060	3,900	479	556
6	765	6,220	3,270	2,290	6,640	2,100	2,940	1,570	2,190	3,150	460	394
7	735	5,790	3,990	2,090	5,600	2,270	2,890	1,490	5,520	2,340	623	316
8	736	4,970	2,850	2,280	4,870	2,620	2,530	1,320	6,510	1,920	571	459
9	623	3,710	2,380	2,150	3,900	2,730	3,010	1,540	5,820	1,840	932	285
10	653	2,220	2,750	2,520	2,180	3,000	3,790	1,770	4,140	1,430	1,280	381
11	583	2,010	3,400	3,160	2,550	4,140	8,230	2,210	3,420	1,210	1,650	342
12	726	1,820	4,730	4,980	3,490	e6,580	9,720	3,210	3,760	1,340	945	347
13	608	1,790	4,450	7,280	3,910	e8,380	11,700	3,100	5,930	1,310	837	601
14	665	1,800	3,640	6,920	3,450	7,890	9,920	2,180	9,130	985	857	737
15	588	2,110	2,450	6,770	3,270	7,000	8,840	1,900	7,730	928	814	671
16	694	1,940	2,060	6,930	3,110	6,540	8,150	1,660	6,230	665	768	622
17	670	1,870	1,980	6,570	2,900	6,410	7,680	1,630	4,040	589	572	526
18	810	1,700	2,370	6,320	2,230	6,030	7,430	1,460	3,170	655	390	295
19	925	1,740	4,760	6,180	2,120	5,240	7,400	1,230	2,540	509	436	244
20	868	1,400	5,610	5,970	2,300	3,840	6,650	1,160	2,100	706	354	415
21	776	1,120	5,550	5,570	1,940	2,990	6,600	1,220	2,030	893	376	692
22	850	1,020	6,110	4,770	1,720	2,700	5,450	1,140	1,730	1,100	455	533
23	906	979	5,690	e2,550	1,560	2,540	4,530	1,300	1,540	846	461	588
24	1,230	1,070	5,010	e1,590	1,860	2,330	3,940	1,260	1,220	1,030	366	704
25	2,020	984	4,470	e1,290	1,750	2,260	3,090	1,290	1,730	1,280	273	565
26	2,370	902	3,630	e1,220	1,460	2,360	2,440	1,280	1,470	988	381	457
27	1,910	910	2,710	e1,240	1,960	2,400	2,320	1,190	1,340	750	435	465
28	1,880	910	2,210	e1,330	3,300	2,640	2,260	1,200	1,630	815	549	438
29	2,160	817	2,380	e1,780	---	2,930	2,340	1,850	2,960	682	661	360
30	5,490	749	2,650	3,780	---	2,880	2,270	3,980	3,470	705	568	380
31	8,950	---	2,500	6,920	---	3,040	---	4,930	---	626	670	---
Total	42,107	85,531	98,700	115,580	102,660	121,300	154,350	58,300	103,790	47,562	19,988	14,158
Mean	1,358	2,851	3,184	3,728	3,666	3,913	5,145	1,881	3,460	1,534	645	472
Max	8,950	7,450	6,110	7,280	7,070	8,380	11,700	4,930	9,130	5,310	1,650	737
Min	544	749	782	1,220	1,460	2,100	2,260	1,140	1,220	509	273	244

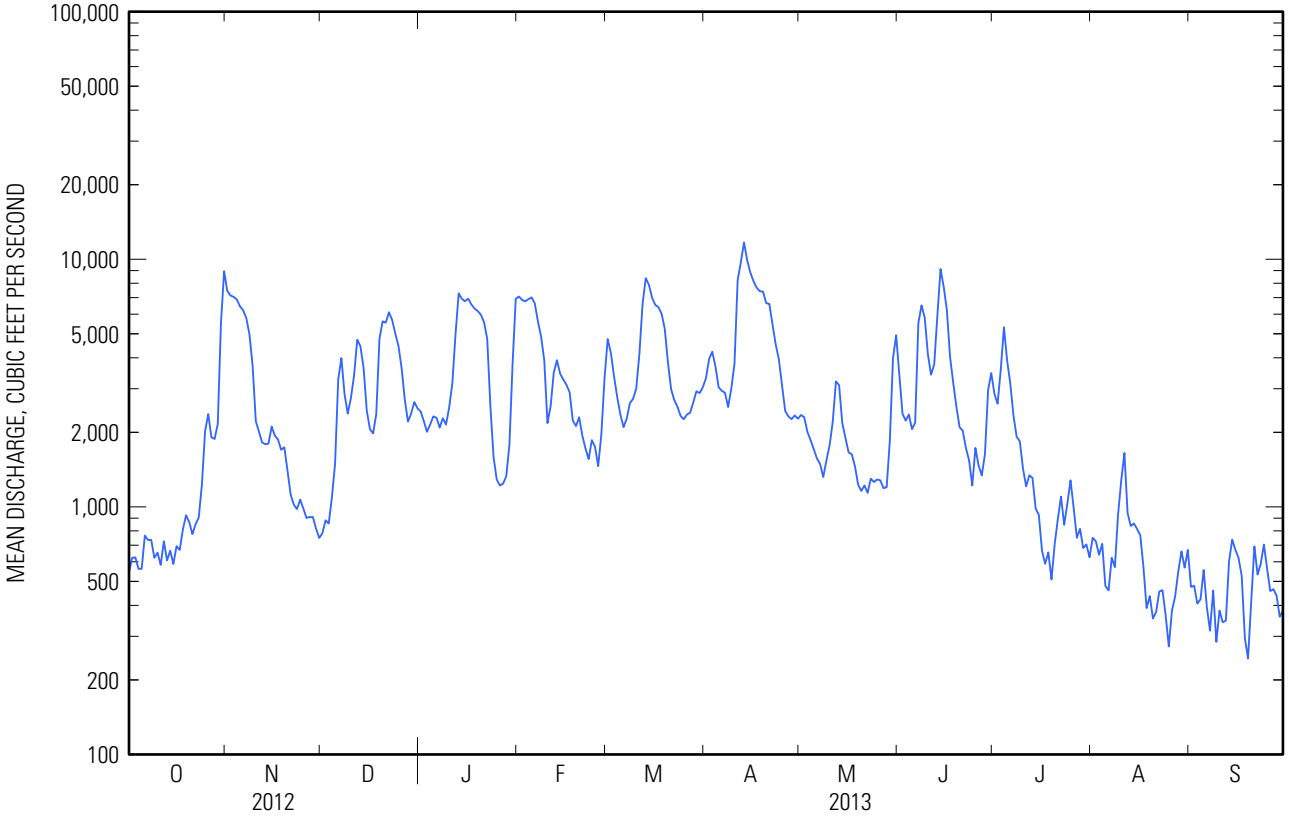
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,526	2,179	2,880	2,971	3,261	6,134	5,944	3,510	2,109	1,325	1,020	1,049
Max	7,095	7,383	9,973	8,830	9,157	14,300	14,160	10,230	7,311	8,524	4,825	6,722
(WY)	(1978)	(1928)	(1928)	(1913)	(1925)	(1945)	(1940)	(1943)	(1972)	(1972)	(2003)	(1977)
Min	338	436	502	152	560	2,213	1,561	1,140	479	350	229	199
(WY)	(1914)	(1910)	(1910)	(1961)	(1920)	(1937)	(1946)	(1915)	(1915)	(1913)	(1913)	(1913)

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1904 - 2013	
Annual total	844,946		964,026			
Annual mean	2,309		2,641		2,841	
Highest annual mean					4,426	1978
Lowest annual mean					1,663	1999
Highest daily mean	8,950	Oct 31	11,700	Apr 13	46,300	Mar 31, 1916
Lowest daily mean	146	Aug 2	244	Sep 19	91	Jan 9, 1961
Annual seven-day minimum	273	Aug 5	361	Sep 6	104	Jan 26, 1961
10 percent exceeds	5,380		6,480		6,930	
50 percent exceeds	1,810		2,060		1,640	
90 percent exceeds	476		553		608	



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WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2010 to current year.
CHEMICAL DATA: Water years 2011 (d), 2012-13 (e).
NUTRIENT DATA: Water years 2011 (d), 2012-13 (e).
BIOLOGICAL DATA: Water years 2011 (b).
INORGANIC DATA: Water years 2011 (b), 2012-13 (e).
ORGANIC DATA: Water years 2011 (b), 2013 (c).
SEDIMENT DATA: Water years 2011 (d), 2012-13 (e).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: December 2010 to current year.
SPECIFIC CONDUCTANCE: December 2010 to current year.
pH: December 2010 to current year.
DISSOLVED OXYGEN: December 2010 to current year.
TURBIDITY: December 2010 to current year.

INSTRUMENTATION.--ISCO refrigerated automatic sampler since August 2010. A YSI 6920-V2 or 6600 continuous monitor with water temperature, specific conductance, pH, dissolved oxygen and turbidity since December 2010 provides 15-minute-interval readings.

REMARKS.—Interruption of turbidity record occurred August 23 to 27 and September 3 to September 17 due to instrument fouling.

COOPERATION.--In cooperation with the U.S. Environmental Protection Agency's Great Lakes Restoration Initiative (GLRI).

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 29.9°C, July 24, 2011; minimum, -0.1°C, on many days.
SPECIFIC CONDUCTANCE: Maximum, 904 µS/cm @ 25°C, Feb. 28, 2013; minimum, 245 µS/cm @ 25°C, Feb. 5, 2013.
pH: Maximum, 8.6 , July 17, 19, 2011; minimum, 7.3, Sept. 2, 5, 7, 2012.
DISSOLVED OXYGEN: Maximum, 14.8 mg/L, July 17, 2011; minimum, 4.6 mg/L, Jul. 30, 2013.
TURBIDITY: Maximum, 1,070 FNU, Jan. 20, 2012; minimum, 2.1 FNU, Sept. 30, 2013.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.2°C, July 19; minimum, -0.1°C, on many days.
SPECIFIC CONDUCTANCE: Maximum, 904 µS/cm @ 25°C, Feb. 28; minimum, 245 µS/cm @ 25°C, Feb. 5.
pH: Maximum, 8.5 standard units, on several days; minimum, 7.5 standard units, July 30.
DISSOLVED OXYGEN: Maximum, 14.7 mg/L, Jan. 9, 23; minimum, 4.6 mg/L, July 30.
TURBIDITY: Maximum, 900 FNU, Oct. 31; minimum, 2.1 FNU, Sept. 30.

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	16.0	15.5	15.8	9.7	9.2	9.5	2.4	2.0	2.2	0.2	0.0	0.1
2	16.2	15.9	16.0	9.2	8.9	9.1	3.3	2.4	2.8	0.1	-0.1	0.0
3	16.6	16.1	16.3	8.9	8.5	8.7	3.6	3.1	3.3	0.0	-0.1	-0.1
4	17.1	16.5	16.7	8.5	8.0	8.3	5.2	3.5	4.4	0.0	-0.1	-0.1
5	16.9	16.5	16.7	8.0	7.5	7.8	5.4	5.0	5.2	0.0	-0.1	-0.1
6	16.9	15.7	16.4	7.6	6.9	7.3	6.3	5.1	5.6	0.1	-0.1	0.0
7	15.7	15.1	15.4	6.9	6.1	6.5	6.4	5.4	6.0	0.5	0.1	0.3
8	15.1	14.5	14.7	6.3	5.5	5.9	5.4	4.4	4.9	0.4	0.2	0.3
9	14.8	14.2	14.5	5.6	5.3	5.4	4.4	4.1	4.2	0.4	0.1	0.3
10	14.4	13.7	14.1	6.2	5.5	5.8	4.8	4.1	4.6	0.9	0.3	0.6
11	13.7	13.0	13.2	6.9	6.1	6.5	4.9	4.4	4.8	1.3	0.8	1.0
12	13.1	12.3	12.7	7.9	6.8	7.3	5.1	4.5	4.9	2.2	1.3	1.8
13	12.3	11.8	12.0	7.8	7.3	7.5	4.7	3.8	4.3	3.8	2.2	2.9
14	12.6	11.9	12.1	7.3	6.9	7.2	3.9	2.9	3.4	4.4	3.8	4.2
15	12.5	12.2	12.4	7.1	6.4	6.7	2.9	2.4	2.7	4.5	3.4	4.0
16	12.2	11.7	12.0	6.7	6.0	6.4	3.3	2.4	2.7	3.4	3.2	3.3
17	11.8	11.2	11.5	6.0	5.4	5.7	3.7	3.1	3.3	3.3	2.9	3.2
18	12.3	11.6	11.9	5.7	5.1	5.4	4.6	3.7	4.1	2.9	2.1	2.5
19	12.6	12.1	12.3	5.3	4.8	5.1	5.5	4.6	5.1	2.4	1.9	2.1
20	12.5	12.3	12.4	5.0	4.5	4.8	5.2	4.4	4.7	2.0	1.2	1.8
21	12.6	12.1	12.3	4.7	4.1	4.4	4.4	3.9	4.2	1.3	0.3	0.7
22	13.0	12.2	12.5	4.7	4.2	4.5	3.9	2.9	3.3	0.3	-0.1	0.1
23	12.7	12.2	12.4	4.9	4.4	4.6	2.9	2.4	2.7	0.0	-0.1	-0.1
24	12.6	12.2	12.4	4.4	3.9	4.0	2.4	1.8	2.1	-0.1	-0.1	-0.1
25	13.1	12.4	12.7	3.9	3.5	3.8	1.8	1.6	1.8	-0.1	-0.1	-0.1
26	13.6	12.7	13.1	3.7	3.3	3.5	1.8	0.6	1.5	0.0	-0.1	-0.1
27	13.4	13.3	13.4	3.5	2.9	3.2	0.6	0.4	0.5	0.0	-0.1	-0.1
28	13.4	12.5	13.0	3.2	3.0	3.1	0.5	0.3	0.4	0.0	-0.1	-0.1
29	12.5	11.6	12.2	3.3	2.9	3.1	0.3	0.0	0.0	0.1	-0.1	0.0
30	11.6	10.2	10.9	3.0	2.2	2.6	0.0	-0.1	-0.1	0.9	-0.1	0.2
31	10.2	9.7	9.9	---	---	---	0.1	-0.1	0.0	0.8	0.1	0.4
Month	17.1	9.7	13.4	9.7	2.2	5.8	6.4	-0.1	3.2	4.5	-0.1	0.9

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	1.3	0.1	0.6	1.4	1.0	1.2	6.6	5.8	6.1	16.3	14.7	15.4
2	0.4	-0.1	0.0	1.1	0.8	0.9	5.8	4.7	5.3	17.3	15.7	16.4
3	0.8	-0.1	0.4	1.1	0.6	0.8	4.9	3.7	4.5	18.3	16.7	17.4
4	0.7	0.3	0.5	1.0	0.5	0.7	4.6	3.2	3.9	19.2	17.4	18.1
5	0.5	0.1	0.3	1.1	0.5	0.8	5.1	3.8	4.4	19.4	17.9	18.5
6	0.6	0.0	0.3	1.3	0.6	1.0	6.0	3.7	4.8	19.5	18.1	18.7
7	0.1	-0.1	0.0	1.9	1.3	1.6	7.4	5.3	6.3	20.0	18.5	19.2
8	0.0	-0.1	0.0	3.3	1.8	2.4	8.4	6.7	7.6	19.8	19.1	19.4
9	0.1	-0.1	0.0	4.1	2.3	3.0	10.2	8.1	9.1	19.8	19.2	19.4
10	0.1	-0.1	0.0	4.4	3.1	3.7	10.2	9.5	9.9	19.3	18.6	18.8
11	0.4	-0.1	0.0	5.0	4.1	4.5	9.7	7.1	8.7	18.6	17.1	18.0
12	0.6	0.0	0.4	5.4	4.8	5.0	7.1	5.7	6.1	17.2	15.7	16.6
13	0.9	0.6	0.7	4.2	3.3	3.9	6.4	5.7	6.0	15.7	13.8	14.7
14	1.4	0.6	0.9	3.3	2.3	2.8	6.6	6.3	6.4	14.2	13.0	13.6
15	1.9	1.1	1.4	2.5	2.1	2.2	8.0	6.5	7.2	14.5	13.0	13.7
16	1.9	1.3	1.5	2.1	1.7	1.9	8.8	8.0	8.5	15.6	13.9	14.8
17	1.5	1.0	1.2	2.1	1.4	1.7	9.6	8.1	8.8	16.3	14.8	15.5
18	1.0	0.5	0.7	1.4	1.0	1.2	10.4	8.7	9.5	17.1	15.5	16.1
19	0.7	0.3	0.5	1.5	1.0	1.2	10.7	9.8	10.2	18.5	16.5	17.3
20	0.5	0.1	0.3	1.8	1.0	1.4	9.8	9.3	9.5	20.0	18.0	18.8
21	0.2	0.0	0.1	2.4	1.2	1.7	9.9	8.8	9.3	21.2	19.6	20.2
22	0.1	-0.1	0.0	1.9	1.3	1.6	11.0	9.2	10.1	21.9	20.5	21.0
23	0.2	0.0	0.1	2.1	1.3	1.7	11.7	10.4	11.0	22.1	21.2	21.7
24	0.7	0.2	0.5	2.6	1.6	2.1	11.0	10.3	10.5	21.2	19.8	20.4
25	1.1	0.6	0.8	3.1	2.2	2.7	11.4	10.4	10.8	19.8	18.9	19.4
26	1.7	0.8	1.3	4.5	2.7	3.5	12.5	10.9	11.7	18.9	17.7	18.2
27	1.4	1.1	1.2	4.9	3.5	4.3	13.0	11.5	12.2	18.8	17.3	17.9
28	1.5	1.0	1.3	5.1	4.3	4.8	13.5	12.2	12.9	18.0	17.0	17.4
29	---	---	---	5.8	4.8	5.3	13.8	12.9	13.4	17.9	16.8	17.4
30	---	---	---	6.5	5.1	5.8	15.1	13.6	14.3	19.4	17.3	18.4
31	---	---	---	6.4	5.5	5.9	---	---	---	19.9	19.1	19.5
Month	1.9	-0.1	0.5	6.5	0.5	2.6	15.1	3.2	8.6	22.1	13.0	17.8

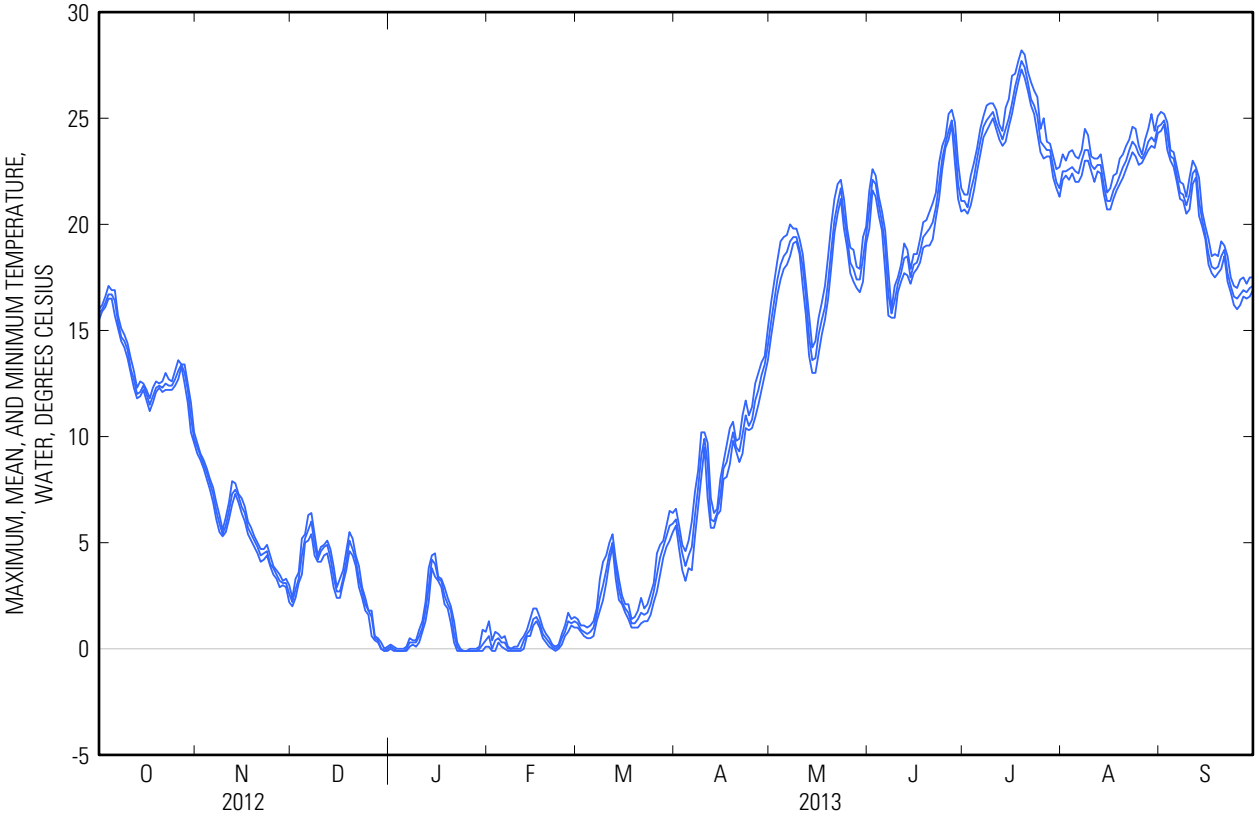
04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	21.6	19.8	20.7	21.4	20.7	21.1	23.3	22.1	22.5	25.3	24.4	24.7
2	22.6	21.6	22.1	21.4	20.5	20.8	23.0	22.3	22.5	25.2	24.7	24.9
3	22.3	21.3	21.9	22.3	20.9	21.6	23.4	22.1	22.6	24.8	23.5	24.2
4	21.3	20.4	20.9	22.9	21.6	22.2	23.5	22.4	22.7	23.5	23.0	23.2
5	20.6	19.7	20.1	23.6	22.5	23.1	23.2	22.0	22.5	23.4	22.7	23.1
6	19.7	17.8	19.0	24.5	23.3	23.9	23.1	22.0	22.4	22.7	22.0	22.3
7	17.8	15.7	16.7	25.1	24.1	24.6	23.5	22.3	23.0	22.0	21.2	21.5
8	16.0	15.6	15.8	25.6	24.4	24.9	24.5	23.0	23.5	21.9	21.1	21.4
9	17.1	15.6	16.4	25.7	24.7	25.1	24.2	23.0	23.5	21.3	20.5	20.9
10	17.5	16.8	17.2	25.7	25.0	25.3	23.2	22.5	22.8	22.2	20.7	21.4
11	18.1	17.3	17.7	25.4	24.5	24.8	23.1	22.0	22.6	23.0	21.9	22.4
12	19.1	17.7	18.4	24.7	24.0	24.4	23.1	22.5	22.8	22.7	22.2	22.6
13	18.8	17.6	18.5	24.4	23.7	24.0	23.3	22.4	22.8	22.2	20.4	21.1
14	17.9	17.2	17.5	25.5	23.9	24.5	22.4	21.4	21.8	20.6	19.9	20.2
15	18.6	17.7	18.1	25.9	24.6	25.0	21.5	20.7	21.1	19.9	19.3	19.5
16	18.6	17.9	18.2	27.0	25.2	25.7	21.7	20.7	21.1	19.3	18.1	18.6
17	19.3	18.2	18.7	27.1	26.0	26.5	22.3	21.2	21.6	18.5	17.7	18.0
18	20.1	18.9	19.4	27.7	26.7	27.1	22.4	21.6	21.9	18.6	17.5	17.9
19	20.2	19.0	19.6	28.2	27.3	27.7	23.1	21.9	22.3	18.5	17.7	18.0
20	20.6	19.0	19.8	28.0	26.9	27.4	23.3	22.2	22.7	19.2	17.9	18.5
21	21.0	19.3	20.1	27.2	26.3	26.7	23.7	22.6	23.0	19.0	18.5	18.8
22	21.5	20.3	20.8	26.7	25.6	25.9	24.0	23.0	23.5	18.5	17.3	17.7
23	22.9	21.2	21.9	26.3	25.2	25.6	24.6	23.4	23.9	17.5	16.8	17.1
24	23.7	22.6	23.1	26.0	24.3	25.1	24.5	23.2	23.7	17.1	16.2	16.6
25	24.1	23.6	23.8	24.5	23.4	23.9	23.7	22.8	23.3	17.0	16.0	16.5
26	25.2	24.0	24.4	25.0	23.1	23.7	23.3	22.9	23.1	17.4	16.2	16.7
27	25.4	24.7	24.9	23.9	23.2	23.5	24.0	23.2	23.4	17.5	16.6	16.9
28	24.8	22.9	23.9	23.8	23.2	23.5	24.5	23.5	23.9	17.2	16.5	16.8
29	22.9	21.2	21.9	23.2	22.2	22.7	25.2	23.7	24.1	17.5	16.6	17.0
30	21.7	20.6	21.1	22.6	21.7	22.0	24.4	23.6	23.9	17.5	16.9	17.1
31	---	---	---	22.7	21.3	21.7	25.1	24.3	24.6	---	---	---
Month	25.4	15.6	20.1	28.2	20.5	24.3	25.2	20.7	22.9	25.3	16.0	19.9

	Max	Min	Mean
Year	28.2	-0.1	11.7

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	570	544	556	394	378	388	657	646	652	492	482	487
2	581	568	574	379	334	360	692	651	674	498	491	494
3	615	580	595	334	316	322	670	661	664	502	488	495
4	619	607	612	342	316	325	679	661	671	510	502	505
5	620	578	591	326	308	318	678	637	663	514	505	510
6	601	568	579	334	316	326	652	461	562	511	507	509
7	608	575	588	370	318	336	461	292	331	521	511	516
8	629	600	616	384	340	362	329	291	304	534	521	527
9	635	610	623	416	379	397	402	329	366	540	528	533
10	678	613	638	435	416	427	399	385	392	561	539	553
11	697	607	643	462	424	442	407	379	393	586	560	569
12	630	595	606	489	462	477	401	322	365	596	545	574
13	611	587	600	511	489	499	322	289	301	545	447	499
14	613	594	606	535	511	526	319	283	297	447	420	428
15	645	596	625	574	532	544	370	317	341	424	355	392
16	652	630	639	574	532	545	409	370	393	355	319	336
17	728	652	690	552	530	537	424	398	410	319	302	311
18	728	671	690	560	545	550	459	424	433	302	274	290
19	690	615	655	548	542	546	457	383	425	291	273	278
20	675	592	606	563	541	552	383	299	322	308	288	297
21	592	548	568	593	554	574	308	299	304	323	308	314
22	548	510	526	597	574	589	345	308	331	342	312	319
23	542	506	518	610	588	600	347	341	344	382	342	373
24	551	508	523	620	590	602	350	335	340	502	380	454
25	585	507	542	616	607	611	344	335	339	527	502	513
26	554	438	494	633	612	616	374	341	356	542	527	532
27	444	404	426	638	626	632	399	372	384	567	542	555
28	425	399	410	633	626	629	435	399	413	585	565	570
29	466	425	449	661	633	646	467	435	453	660	584	611
30	514	452	480	651	645	648	477	465	469	678	560	621
31	496	378	416	---	---	---	483	472	475	575	430	490
Month	728	378	570	661	308	498	692	283	425	678	273	466

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

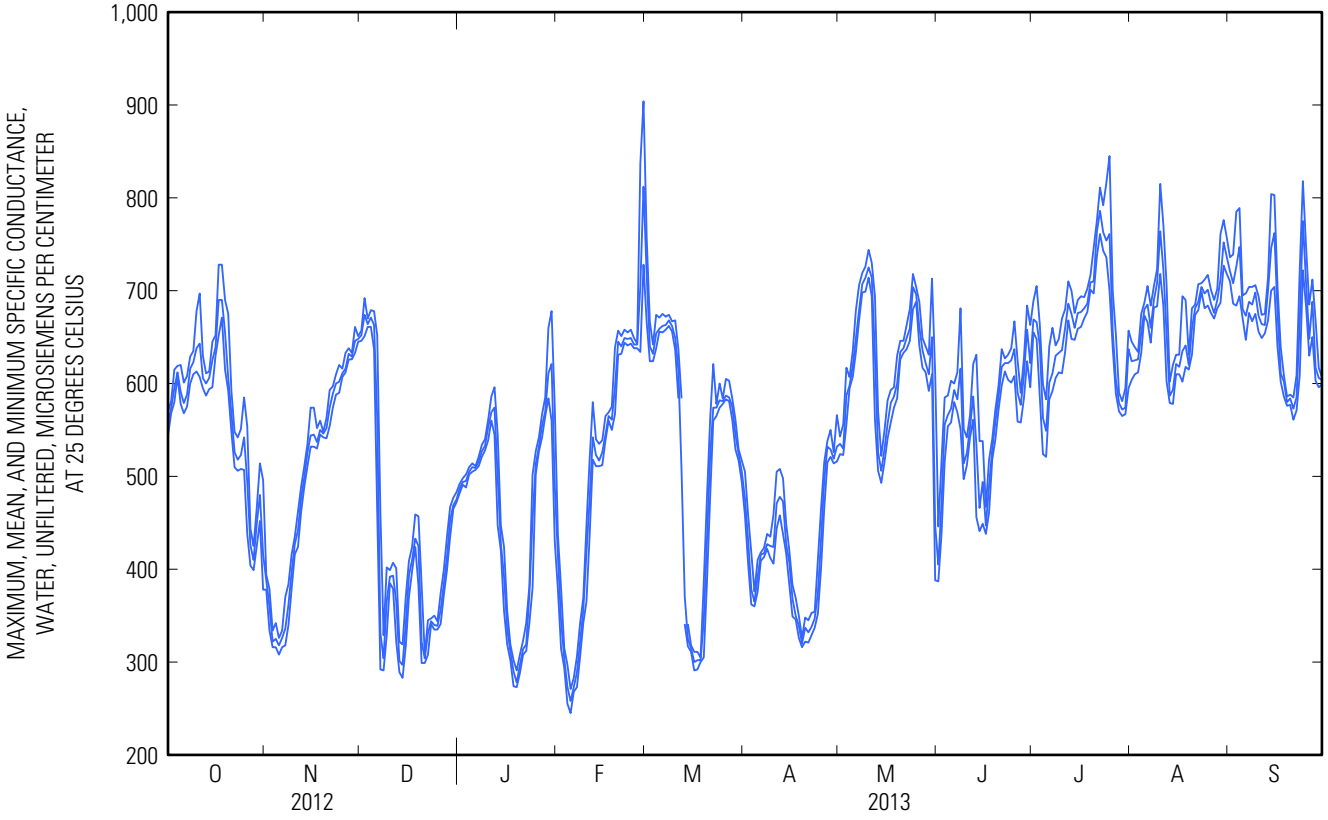
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	437	378	414	757	666	717	505	458	476	543	524	535
2	379	314	344	666	624	640	458	406	431	556	523	530
3	315	294	304	642	624	632	418	362	378	617	556	587
4	297	255	273	674	638	654	376	360	365	607	595	598
5	271	245	258	671	656	659	410	376	392	635	607	619
6	283	268	273	675	655	662	418	409	416	679	634	649
7	306	273	289	672	658	663	423	413	417	706	668	679
8	342	306	322	674	662	668	438	422	427	719	698	707
9	369	342	356	667	656	662	435	412	425	726	699	714
10	447	365	418	668	636	649	459	406	424	744	714	725
11	518	436	475	637	584	615	505	444	471	730	694	714
12	580	518	542	584	---	506	508	458	478	694	561	631
13	540	511	523	---	341	371	498	438	473	570	506	526
14	535	511	517	341	317	325	449	417	427	522	493	506
15	539	512	526	318	311	315	420	383	407	549	515	529
16	565	539	545	311	291	300	383	349	368	582	541	557
17	569	560	565	311	292	302	369	346	350	593	558	579
18	575	550	561	305	300	302	350	326	339	596	574	586
19	639	567	596	385	305	344	326	316	320	630	584	600
20	657	631	645	476	385	430	348	322	337	646	626	634
21	651	632	640	560	476	521	345	321	332	646	633	638
22	658	644	649	621	560	574	353	329	338	663	637	649
23	655	641	648	578	565	574	354	337	347	680	646	659
24	658	643	649	600	574	582	410	352	374	718	680	704
25	649	638	642	584	578	581	465	401	432	704	688	696
26	643	638	642	605	583	587	515	465	495	688	641	661
27	837	634	705	603	581	585	538	515	532	649	617	636
28	904	728	812	584	561	575	550	521	529	640	612	622
29	---	---	---	561	529	545	526	514	519	631	592	610
30	---	---	---	529	517	524	566	516	532	713	610	650
31	---	---	---	517	494	505	---	---	---	611	388	447
Month	904	245	505	---	---	534	566	316	418	744	388	619

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	446	387	405	689	655	669	645	604	624	736	710	721
2	516	438	471	705	648	666	639	610	625	739	686	708
3	585	516	556	664	586	641	634	612	626	785	684	726
4	587	554	566	599	524	563	675	633	654	789	694	747
5	603	558	573	583	521	549	687	673	680	695	670	680
6	600	580	593	640	583	601	705	666	685	697	647	673
7	612	569	583	660	592	611	684	644	660	704	676	688
8	681	551	616	641	606	630	705	682	690	704	667	685
9	551	497	514	648	612	633	723	683	708	706	675	698
10	542	512	525	670	611	636	815	718	764	694	656	673
11	566	542	553	680	634	660	770	683	722	674	649	664
12	621	561	586	710	668	686	706	602	654	675	654	663
13	631	456	534	700	648	675	602	579	587	714	668	700
14	538	441	466	676	647	660	620	578	593	804	700	746
15	538	449	494	690	659	676	631	610	621	803	704	762
16	467	438	447	694	661	677	631	610	618	704	639	677
17	518	461	490	693	670	681	694	602	635	639	602	611
18	540	518	529	702	677	686	690	618	641	609	586	602
19	572	540	559	717	701	709	631	615	620	586	576	580
20	598	572	586	746	697	710	681	631	659	588	577	584
21	637	598	618	775	737	763	685	674	681	585	561	573
22	627	613	622	811	761	786	707	679	688	609	571	585
23	631	604	622	792	743	763	708	699	704	722	609	666
24	638	601	625	816	736	754	712	681	697	818	722	775
25	667	608	637	845	700	761	717	684	701	747	683	708
26	625	559	590	700	639	657	701	676	686	685	630	648
27	590	558	577	653	589	604	690	670	676	712	650	688
28	627	584	609	590	570	579	702	681	690	668	603	617
29	684	624	658	581	565	572	761	687	712	617	596	606
30	663	596	622	595	567	574	776	727	752	607	599	604
31	---	---	---	657	595	637	757	718	736	---	---	---
Month	684	387	561	845	521	660	815	578	671	818	561	669

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		October			November			December			January	
1	7.9	7.7	7.8	7.7	7.7	7.7	8.1	8.0	8.1	8.0	8.0	8.0
2	7.9	7.7	7.8	7.7	7.7	7.7	8.1	8.0	8.0	8.0	8.0	8.0
3	7.8	7.7	7.7	7.7	7.7	7.7	8.1	8.0	8.0	8.0	7.9	8.0
4	7.8	7.7	7.7	7.7	7.7	7.7	8.0	8.0	8.0	8.0	8.0	8.0
5	7.9	7.7	7.8	7.7	7.7	7.7	8.1	8.0	8.0	8.0	8.0	8.0
6	7.9	7.8	7.8	7.8	7.7	7.7	8.1	8.0	8.1	8.0	8.0	8.0
7	7.9	7.8	7.8	7.8	7.7	7.8	8.0	7.9	7.9	8.0	8.0	8.0
8	7.9	7.8	7.8	7.8	7.7	7.8	7.9	7.9	7.9	8.0	8.0	8.0
9	7.9	7.8	7.8	7.8	7.7	7.8	7.9	7.9	7.9	8.0	8.0	8.0
10	7.9	7.8	7.8	7.8	7.7	7.8	8.0	7.9	7.9	8.0	8.0	8.0
11	7.9	7.8	7.9	7.8	7.7	7.8	8.0	7.9	7.9	8.0	8.0	8.0
12	7.9	7.9	7.9	7.8	7.8	7.8	8.0	7.9	8.0	8.0	7.9	8.0
13	8.0	7.9	7.9	7.8	7.8	7.8	8.0	7.9	7.9	8.0	7.9	8.0
14	8.0	7.8	7.9	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9
15	7.9	7.9	7.9	7.8	7.8	7.8	7.9	7.9	7.9	8.0	7.9	7.9
16	7.9	7.8	7.9	7.8	7.8	7.8	8.0	7.9	7.9	7.9	7.9	7.9
17	8.0	7.9	7.9	7.9	7.8	7.8	8.0	7.9	7.9	7.9	7.9	7.9
18	7.9	7.8	7.9	7.9	7.8	7.9	8.0	7.9	7.9	7.9	7.9	7.9
19	7.9	7.8	7.8	7.9	7.9	7.9	8.0	7.9	8.0	7.9	7.9	7.9
20	7.9	7.8	7.8	7.9	7.9	7.9	8.0	7.9	8.0	7.9	7.9	7.9
21	7.9	7.8	7.8	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9	7.9
22	7.9	7.8	7.8	8.0	7.9	7.9	8.0	7.9	7.9	8.0	7.9	7.9
23	7.8	7.7	7.8	8.0	7.9	8.0	8.0	7.9	8.0	7.9	7.9	7.9
24	7.7	7.6	7.7	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.9
25	7.7	7.7	7.7	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.9
26	7.7	7.7	7.7	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.9
27	7.7	7.6	7.7	8.1	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9
28	7.7	7.6	7.6	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.9
29	7.8	7.7	7.7	8.1	8.0	8.1	8.0	7.9	8.0	7.9	7.8	7.9
30	7.8	7.6	7.7	8.1	8.0	8.1	8.0	7.9	8.0	7.9	7.8	7.9
31	7.7	7.6	7.6	---	---	---	8.0	8.0	8.0	8.0	7.9	7.9
Max	8.0	7.9	7.9	8.1	8.0	8.1	8.1	8.0	8.1	8.0	8.0	8.0
Min	7.7	7.6	7.6	7.7	7.7	7.7	7.9	7.9	7.9	7.9	7.8	7.9

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		February			March			April			May	
1	8.0	7.9	8.0	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.0	8.0
2	8.0	7.9	7.9	7.9	7.8	7.9	8.0	7.9	8.0	8.2	8.1	8.1
3	7.9	7.9	7.9	7.9	7.8	7.9	8.0	7.9	8.0	8.2	8.1	8.1
4	7.9	7.8	7.9	7.9	7.8	7.9	8.0	7.9	7.9	8.3	8.1	8.2
5	7.9	7.8	7.8	7.9	7.8	7.9	8.0	7.9	8.0	8.2	8.1	8.1
6	7.8	7.7	7.7	7.9	7.9	7.9	8.0	7.9	7.9	8.1	8.1	8.1
7	7.9	7.7	7.8	7.9	7.8	7.9	8.0	7.9	7.9	8.2	8.0	8.1
8	7.8	7.8	7.8	7.9	7.8	7.8	8.0	7.9	7.9	8.2	8.0	8.1
9	7.8	7.8	7.8	7.9	7.8	7.9	8.0	7.9	7.9	8.1	8.0	8.1
10	7.8	7.8	7.8	8.0	7.8	7.9	7.9	7.8	7.9	8.1	7.9	7.9
11	7.9	7.8	7.8	7.9	7.9	7.9	7.8	7.8	7.8	8.0	7.9	7.9
12	7.9	7.8	7.9	7.9	7.9	7.9	7.8	7.8	7.8	8.0	7.9	7.9
13	7.9	7.9	7.9	7.9	7.8	7.9	7.8	7.7	7.8	8.0	7.9	7.9
14	7.9	7.9	7.9	7.9	7.8	7.9	7.8	7.8	7.8	8.0	7.9	8.0
15	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.8	8.1	8.0	8.0
16	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.7	7.8	8.1	7.9	8.0
17	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.8	7.8	8.0	8.0	8.0
18	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.8	7.8	8.0	7.9	8.0
19	7.9	7.9	7.9	7.8	7.8	7.8	7.8	7.8	7.8	8.0	7.9	8.0
20	8.0	7.9	7.9	7.9	7.8	7.9	7.8	7.8	7.8	8.0	7.9	7.9
21	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	8.0	7.8	7.9
22	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.8	7.8	8.0	7.8	7.9
23	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.8	7.8	8.0	7.8	7.9
24	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.8	7.8	8.0	7.8	7.9
25	8.0	7.9	7.9	8.0	7.9	8.0	7.9	7.8	7.8	8.1	7.8	7.9
26	8.0	7.9	7.9	8.0	7.9	8.0	7.9	7.8	7.9	8.1	7.8	8.0
27	8.0	7.9	7.9	8.0	8.0	8.0	7.9	7.8	7.9	8.2	7.8	8.0
28	7.9	7.9	7.9	8.0	8.0	8.0	7.9	7.8	7.9	8.1	7.8	8.0
29	---	---	---	8.0	8.0	8.0	8.0	7.8	7.9	8.0	7.7	7.8
30	---	---	---	8.0	8.0	8.0	8.0	7.9	8.0	7.8	7.7	7.8
31	---	---	---	8.0	8.0	8.0	---	---	---	7.7	7.6	7.6
Max	8.0	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.3	8.1	8.2
Min	7.8	7.7	7.7	7.8	7.8	7.8	7.8	7.7	7.8	7.7	7.6	7.6

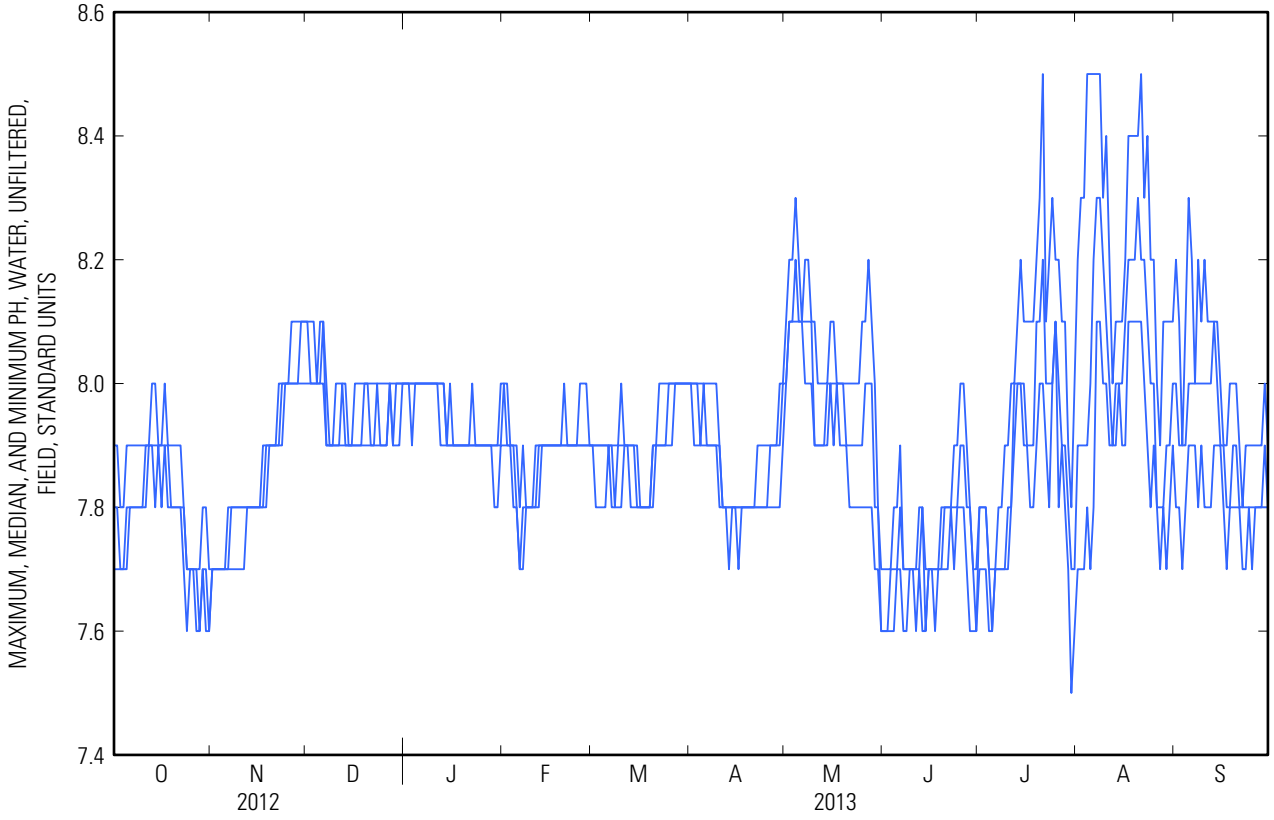
04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		June			July			August			September	
1	7.7	7.6	7.6	7.8	7.7	7.8	8.2	7.7	7.9	8.2	7.8	8.0
2	7.7	7.6	7.6	7.8	7.7	7.8	8.3	7.7	7.9	8.1	7.8	7.9
3	7.7	7.6	7.7	7.8	7.7	7.8	8.3	7.7	7.9	7.9	7.7	7.9
4	7.8	7.6	7.7	7.7	7.6	7.7	8.5	7.8	7.9	8.1	7.8	7.9
5	7.8	7.7	7.7	7.7	7.6	7.6	8.5	7.7	8.0	8.3	7.9	8.0
6	7.9	7.7	7.8	7.7	7.7	7.7	8.5	7.8	8.2	8.2	7.9	8.0
7	7.7	7.6	7.7	7.8	7.7	7.7	8.5	8.1	8.3	8.0	7.9	8.0
8	7.7	7.6	7.7	7.8	7.7	7.7	8.5	8.1	8.3	8.2	7.8	8.0
9	7.7	7.7	7.7	7.9	7.7	7.7	8.3	8.0	8.2	8.1	7.9	8.0
10	7.7	7.7	7.7	7.9	7.7	7.8	8.4	8.0	8.1	8.2	7.8	8.0
11	7.7	7.6	7.7	8.0	7.8	7.8	8.2	7.9	8.0	8.1	7.8	8.0
12	7.8	7.7	7.7	8.0	7.9	8.0	8.0	7.9	7.9	8.1	7.8	8.0
13	7.8	7.6	7.8	8.1	8.0	8.0	8.1	7.9	8.0	8.1	7.9	8.1
14	7.7	7.6	7.6	8.2	8.0	8.0	8.1	8.0	8.0	8.1	7.9	8.0
15	7.7	7.7	7.7	8.1	7.9	8.0	8.1	7.9	8.0	8.0	7.9	7.9
16	7.7	7.7	7.7	8.1	7.9	7.9	8.2	7.9	8.1	7.9	7.8	7.9
17	7.7	7.6	7.7	8.1	7.8	7.9	8.4	8.1	8.2	7.9	7.7	7.8
18	7.7	7.7	7.7	8.1	7.8	7.9	8.4	8.1	8.2	8.0	7.8	7.8
19	7.8	7.7	7.7	8.2	7.9	8.1	8.4	8.1	8.2	8.0	7.8	7.9
20	7.8	7.7	7.8	8.3	8.0	8.1	8.4	8.1	8.3	8.0	7.8	7.9
21	7.8	7.7	7.8	8.5	8.0	8.2	8.5	8.1	8.2	7.9	7.8	7.8
22	7.8	7.8	7.8	8.1	7.9	8.0	8.3	8.0	8.2	7.8	7.7	7.8
23	7.9	7.7	7.8	8.2	7.8	8.0	8.4	7.9	8.1	7.9	7.7	7.8
24	7.9	7.8	7.8	8.3	8.0	8.0	8.2	7.8	8.0	7.9	7.8	7.8
25	8.0	7.8	7.9	8.2	8.1	8.1	8.2	7.9	8.0	7.9	7.7	7.8
26	8.0	7.8	7.9	8.2	7.8	8.0	8.0	7.8	7.8	7.9	7.8	7.8
27	7.9	7.7	7.8	8.1	7.9	7.9	7.9	7.7	7.8	7.9	7.8	7.8
28	7.8	7.6	7.8	8.1	7.8	7.9	8.1	7.8	7.8	7.9	7.8	7.8
29	7.7	7.6	7.7	7.9	7.7	7.8	8.1	7.7	7.9	8.0	7.8	7.9
30	7.7	7.6	7.6	7.8	7.5	7.7	8.1	7.8	7.9	7.9	7.8	7.8
31	---	---	---	8.0	7.6	7.7	8.1	7.9	8.0	---	---	---
Max	8.0	7.8	7.9	8.5	8.1	8.2	8.5	8.1	8.3	8.3	7.9	8.1
Min	7.7	7.6	7.6	7.7	7.5	7.6	7.9	7.7	7.8	7.8	7.7	7.8

	Max	Min	Median
Year Maximum	8.5	8.1	8.3
Year Minimum	7.7	7.5	7.6

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	9.1	7.8	8.5	9.6	9.1	9.3	13.5	13.1	13.3	14.5	14.1	14.2
2	8.9	7.4	8.2	10.0	9.6	9.8	13.5	13.2	13.3	14.4	14.1	14.3
3	8.5	7.3	7.9	10.5	10.0	10.2	13.4	13.1	13.2	14.6	14.2	14.3
4	8.8	7.6	8.2	10.8	10.5	10.7	13.4	12.8	13.1	14.5	14.1	14.3
5	8.8	7.8	8.4	11.1	10.8	11.0	12.8	12.6	12.7	14.4	14.1	14.2
6	8.6	8.1	8.4	11.4	11.1	11.3	12.7	11.4	12.2	14.5	14.0	14.2
7	8.7	8.2	8.4	11.6	11.4	11.5	12.2	11.4	11.9	14.5	14.0	14.1
8	8.8	7.9	8.3	11.6	11.4	11.6	12.7	12.2	12.6	14.6	14.0	14.3
9	8.8	7.6	8.1	11.5	11.3	11.5	12.8	12.6	12.7	14.7	14.2	14.4
10	8.6	7.9	8.2	11.3	10.9	11.0	12.8	12.4	12.7	14.5	14.2	14.3
11	8.9	8.2	8.5	10.9	10.7	10.8	12.6	12.3	12.4	14.4	14.0	14.2
12	9.1	8.5	8.8	10.8	10.7	10.8	12.6	12.2	12.4	14.0	13.5	13.8
13	9.4	8.8	9.1	10.7	10.5	10.6	13.1	12.6	12.8	13.5	13.0	13.3
14	10.0	8.9	9.3	10.6	10.5	10.5	13.6	13.1	13.3	13.0	12.5	12.7
15	9.4	8.9	9.2	10.8	10.6	10.7	13.8	13.5	13.6	13.1	12.5	12.7
16	9.5	8.8	9.2	10.9	10.6	10.7	13.9	13.5	13.6	13.2	13.1	13.2
17	9.9	9.0	9.4	11.3	10.9	11.1	13.6	13.2	13.4	13.1	13.0	13.1
18	9.8	9.2	9.4	11.5	11.2	11.4	13.2	12.4	12.9	13.8	13.1	13.4
19	9.3	8.8	9.0	11.8	11.4	11.6	12.5	12.0	12.3	14.1	13.8	14.0
20	9.2	8.8	9.0	12.2	11.7	11.9	12.7	12.1	12.4	14.1	13.9	14.0
21	9.3	8.7	9.0	12.4	12.2	12.3	12.8	12.7	12.7	14.3	14.0	14.2
22	9.8	8.7	9.0	12.3	12.2	12.3	12.9	12.7	12.8	14.5	14.3	14.4
23	8.9	8.6	8.7	12.4	12.1	12.2	13.4	12.9	13.2	14.7	14.3	14.5
24	8.6	8.0	8.3	12.5	12.4	12.4	13.8	13.4	13.6	14.6	14.2	14.5
25	8.7	8.0	8.3	12.5	12.3	12.4	14.0	13.7	13.8	14.2	13.9	14.0
26	8.9	8.5	8.7	12.7	12.2	12.4	14.0	13.8	13.9	14.1	13.8	13.9
27	8.5	8.2	8.4	12.8	12.3	12.5	13.9	13.8	13.9	14.0	13.8	13.9
28	8.4	8.2	8.3	13.1	12.4	12.7	14.0	13.7	13.9	13.8	13.6	13.7
29	9.3	8.4	8.7	13.3	12.7	12.9	14.2	13.9	14.1	13.9	13.2	13.5
30	9.4	8.5	9.2	13.4	13.0	13.2	14.4	14.1	14.2	13.5	13.1	13.3
31	9.1	7.9	8.5	---	---	---	14.4	14.2	14.3	13.4	13.2	13.3
Month	10.0	7.3	8.7	13.4	9.1	11.4	14.4	11.4	13.1	14.7	12.5	13.9

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	13.5	13.0	13.2	13.3	13.0	13.1	12.6	12.0	12.2	11.0	10.3	10.7
2	14.2	13.5	14.0	13.3	13.1	13.2	12.6	12.1	12.3	11.5	10.6	11.1
3	14.1	13.8	13.9	13.4	13.1	13.3	13.0	12.4	12.7	12.0	10.6	11.3
4	14.2	13.9	14.1	13.5	13.2	13.3	13.4	13.0	13.2	12.4	10.7	11.5
5	14.3	14.2	14.3	13.7	13.3	13.5	13.5	12.8	13.2	12.1	10.4	11.2
6	14.5	14.3	14.4	13.8	13.4	13.5	13.3	12.5	12.9	11.7	10.3	11.0
7	14.6	14.4	14.5	13.8	13.3	13.5	12.7	12.0	12.4	12.4	10.2	11.2
8	14.5	14.2	14.4	13.5	13.1	13.2	12.5	11.7	12.2	12.3	10.9	11.5
9	14.2	14.0	14.1	13.4	12.9	13.1	12.0	11.0	11.6	11.3	10.2	10.8
10	14.2	14.0	14.1	13.2	12.6	12.9	11.2	10.4	10.9	10.6	9.1	9.6
11	14.1	13.7	13.9	12.6	12.0	12.4	10.6	10.2	10.4	9.6	8.6	9.0
12	13.8	13.6	13.7	12.0	11.9	12.0	11.4	10.5	11.1	9.6	8.5	9.1
13	13.8	13.5	13.6	12.5	12.0	12.2	11.4	11.1	11.2	9.6	9.0	9.3
14	13.7	13.6	13.6	13.3	12.7	13.0	11.4	11.1	11.2	10.2	9.4	9.8
15	13.7	13.2	13.5	13.4	13.3	13.3	11.5	11.3	11.4	10.7	9.9	10.2
16	13.4	13.2	13.3	13.6	13.4	13.5	11.5	11.1	11.2	11.0	10.0	10.5
17	13.6	13.2	13.4	13.8	13.6	13.7	11.4	11.2	11.3	10.8	10.0	10.4
18	13.6	13.3	13.5	14.0	13.8	13.9	11.5	11.2	11.3	10.5	9.8	10.2
19	13.8	13.5	13.6	14.0	13.7	13.9	11.4	10.9	11.1	10.7	9.8	10.2
20	13.8	13.5	13.6	13.7	13.5	13.6	11.0	10.8	10.9	11.0	9.6	10.2
21	13.8	13.5	13.7	13.6	13.1	13.4	11.3	10.9	11.1	10.7	9.1	10
22	13.9	13.6	13.8	13.5	13.1	13.3	11.4	11.0	11.2	10.5	9.0	9.7
23	13.9	13.5	13.7	13.5	13.2	13.4	11.1	10.9	11.0	10.4	9.1	9.6
24	14.0	13.5	13.7	13.6	13.2	13.4	11.1	10.7	11.0	9.6	8.9	9.2
25	13.9	13.5	13.7	13.4	13.0	13.2	10.7	10.5	10.5	10.8	8.7	9.6
26	13.8	13.4	13.6	13.2	12.8	13.0	10.5	10.2	10.3	11.3	9.5	10.3
27	13.6	13.1	13.4	13.3	12.5	12.9	10.3	10.2	10.2	12.4	10.2	10.9
28	13.4	13.0	13.2	13.1	12.5	12.7	10.5	10.2	10.3	10.9	9.8	10.3
29	---	---	---	13.0	12.4	12.6	10.6	10.0	10.3	9.9	8.8	9.4
30	---	---	---	12.8	12.4	12.6	10.6	10.1	10.3	8.8	8.0	8.5
31	---	---	---	12.8	12.1	12.5	---	---	---	8.0	7.6	7.8
Month	14.6	13.0	13.8	14.0	11.9	13.1	13.5	10.0	11.4	12.4	7.6	10.1

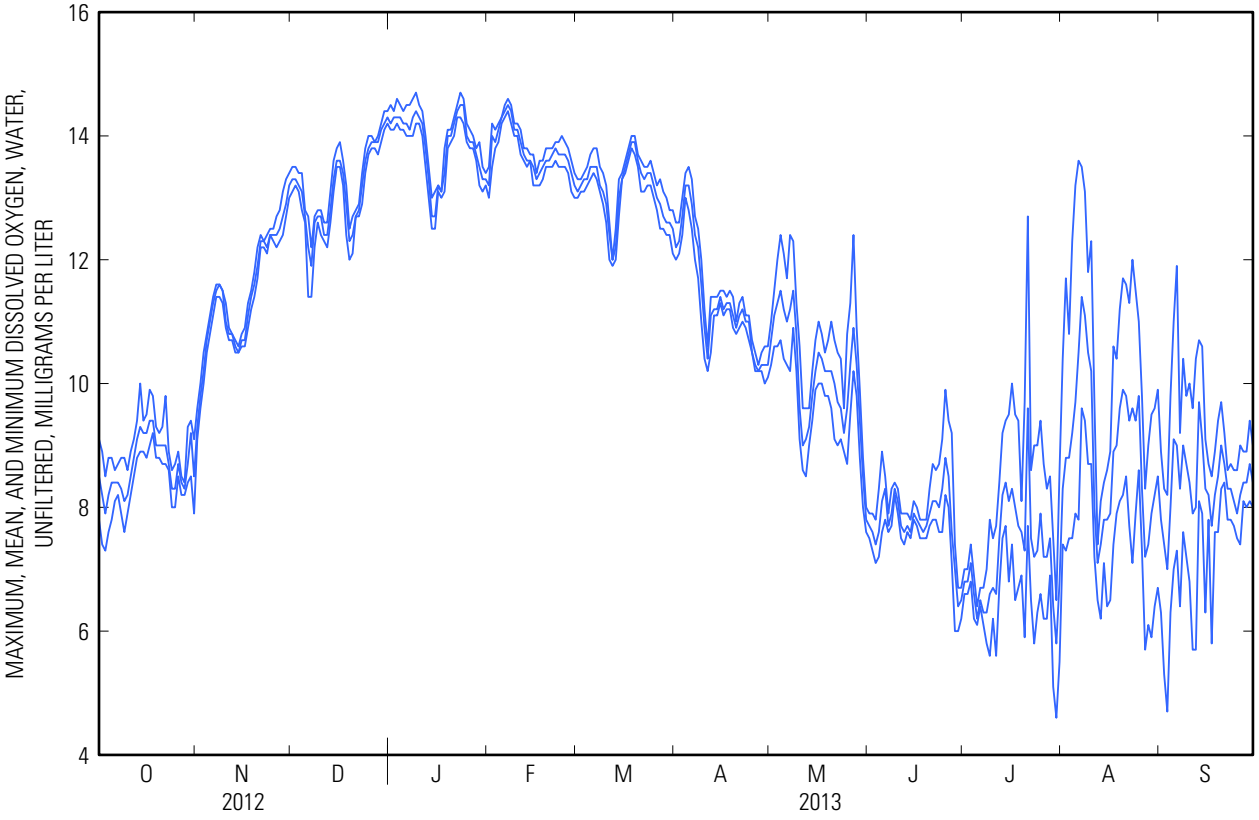
04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	7.9	7.5	7.7	7.0	6.6	6.8	10.4	7.4	8.3	8.9	6.3	7.8
2	7.9	7.3	7.6	7.0	6.6	6.8	11.7	7.3	8.8	8.3	5.3	7.4
3	7.8	7.1	7.4	7.4	6.8	7.1	10.8	7.5	8.8	8.2	4.7	7.0
4	8.3	7.2	7.6	6.9	6.2	6.6	12.3	7.5	9.2	9.8	6.3	8.0
5	8.9	7.6	8.1	6.4	6.1	6.2	13.2	7.9	9.7	11.0	7.0	9.1
6	8.5	7.8	8.3	6.7	6.4	6.5	13.6	7.8	10.5	11.9	7.3	9.0
7	7.9	7.6	7.7	6.7	6.1	6.3	13.5	9.6	11.4	9.2	6.4	8.3
8	8.3	7.7	7.9	7.0	5.8	6.3	13.1	9.4	11.1	10.4	7.6	9.0
9	8.4	8.2	8.3	7.8	5.6	6.6	11.8	8.7	10.5	9.8	7.2	8.7
10	8.3	7.9	8.1	7.5	6.2	6.7	12.3	8.7	10.2	10.0	6.8	8.4
11	7.9	7.5	7.7	7.7	5.6	6.6	9.7	7.2	8.0	9.6	5.7	7.9
12	7.9	7.4	7.6	8.4	6.7	7.5	7.4	6.5	7.1	10.4	5.7	8.0
13	7.9	7.6	7.7	9.2	7.5	8.2	8.1	6.2	7.4	10.7	8.1	9.7
14	7.8	7.5	7.6	9.4	7.7	8.4	8.4	7.1	7.8	10.6	7.9	9.1
15	8.1	7.8	7.9	9.5	6.8	8.1	8.6	6.4	7.8	9.1	6.3	8.3
16	8.0	7.7	7.8	10.0	7.4	8.3	8.9	6.5	7.9	8.7	7.8	8.2
17	7.8	7.5	7.7	9.5	6.5	8.0	10.6	7.4	8.9	8.5	5.8	7.7
18	7.8	7.5	7.6	9.4	6.7	7.7	10.4	7.9	9.0	8.9	7.6	8.2
19	7.8	7.5	7.7	8.1	6.9	7.6	11.2	8.1	9.6	9.4	7.6	8.5
20	8.3	7.7	7.9	9.7	5.9	7.3	11.7	8.2	9.9	9.7	8.3	9.0
21	8.7	7.8	8.1	12.7	7.7	9.6	11.6	8.5	9.8	9.2	8.4	8.7
22	8.6	7.8	8.1	8.6	6.5	7.5	11.3	7.7	9.4	8.6	7.8	8.3
23	8.7	7.6	8.0	9.0	5.8	7.2	12.0	7.1	9.6	8.7	7.8	8.3
24	9.1	7.6	8.3	9.0	6.3	7.3	11.5	7.9	9.4	8.6	7.7	8.1
25	9.9	8.2	8.8	9.4	6.6	7.9	11.0	8.6	9.8	8.6	7.5	7.9
26	9.4	8.0	8.5	8.7	6.2	7.2	9.8	7.3	8.3	9.0	7.4	8.2
27	9.2	7.1	7.6	8.3	6.2	7.2	8.3	5.7	7.2	8.9	8.1	8.4
28	7.4	6.0	7.0	8.5	6.9	7.5	9.0	6.1	7.4	8.9	8.0	8.4
29	6.7	6.0	6.4	7.5	5.1	6.4	9.5	5.9	7.9	9.4	8.1	8.7
30	6.7	6.2	6.5	6.5	4.6	5.8	9.6	6.4	8.2	9.0	8.0	8.4
31	---	---	---	8.6	5.5	6.8	9.9	6.7	8.5	---	---	---
Month	9.9	6.0	7.8	12.7	4.6	7.2	13.6	5.7	8.9	11.9	4.7	8.4

	Max	Min	Mean
Year	14.7	4.6	10.6

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	93	33	66	590	330	410	7.8	4.8	6.2	13	9.6	11
2	90	54	72	430	330	380	7.6	4.8	5.9	11	8.6	9.8
3	88	48	65	400	250	330	9.3	5.2	7.3	11	7.3	8.7
4	73	41	54	310	180	240	13	6.4	9.4	9.0	6.6	7.5
5	61	29	42	200	99	150	14	8.0	9.5	10	7.2	8.3
6	46	23	33	140	74	97	39	9.1	17	11	7.1	8.0
7	33	21	26	95	57	72	390	39	260	14	7.1	8.3
8	34	22	27	65	38	47	320	85	160	12	7.6	8.6
9	36	20	27	40	28	33	91	43	60	12	7.5	8.9
10	33	20	26	35	23	27	48	30	35	19	9.4	11
11	34	19	25	53	32	42	45	32	38	20	11	14
12	34	20	25	51	24	33	160	39	88	60	16	31
13	30	19	23	29	15	19	160	93	130	130	57	94
14	31	18	24	18	13	15	120	45	72	160	96	130
15	37	9.3	21	16	12	13	49	30	37	150	90	110
16	21	6.9	10	16	11	13	32	20	25	150	120	130
17	16	5.9	9.0	15	11	12	27	16	20	160	130	150
18	14	5.5	8.4	14	8.5	10	20	16	18	150	110	120
19	16	7.2	10	13	8.9	10	75	18	37	120	67	90
20	14	7.5	11	14	7.7	10	240	75	180	73	50	62
21	15	6.7	9.7	14	7.8	11	240	120	180	52	39	45
22	11	5.9	8.1	12	7.6	9.5	140	83	100	44	29	35
23	16	6.1	11	11	4.4	8.5	90	52	67	30	17	22
24	19	7.9	12	13	8.4	10	65	44	56	18	11	14
25	21	12	16	10	6.9	8.6	48	29	38	14	11	13
26	37	15	23	9.7	6.1	7.7	32	23	28	14	7.6	9.6
27	62	35	45	8.5	5.6	7.3	26	22	24	9.7	6.6	8.2
28	40	23	29	9.1	4.2	6.4	27	17	21	9.8	6.5	7.7
29	30	21	24	7.1	4.3	5.6	19	13	16	10	5.1	6.6
30	220	27	76	7.0	5.2	6.1	17	13	15	52	8.9	18
31	900	220	620	---	---	---	15	11	13	340	52	220
Month	900	5.5	48	590	4.2	68	390	4.8	57	340	5.1	46

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

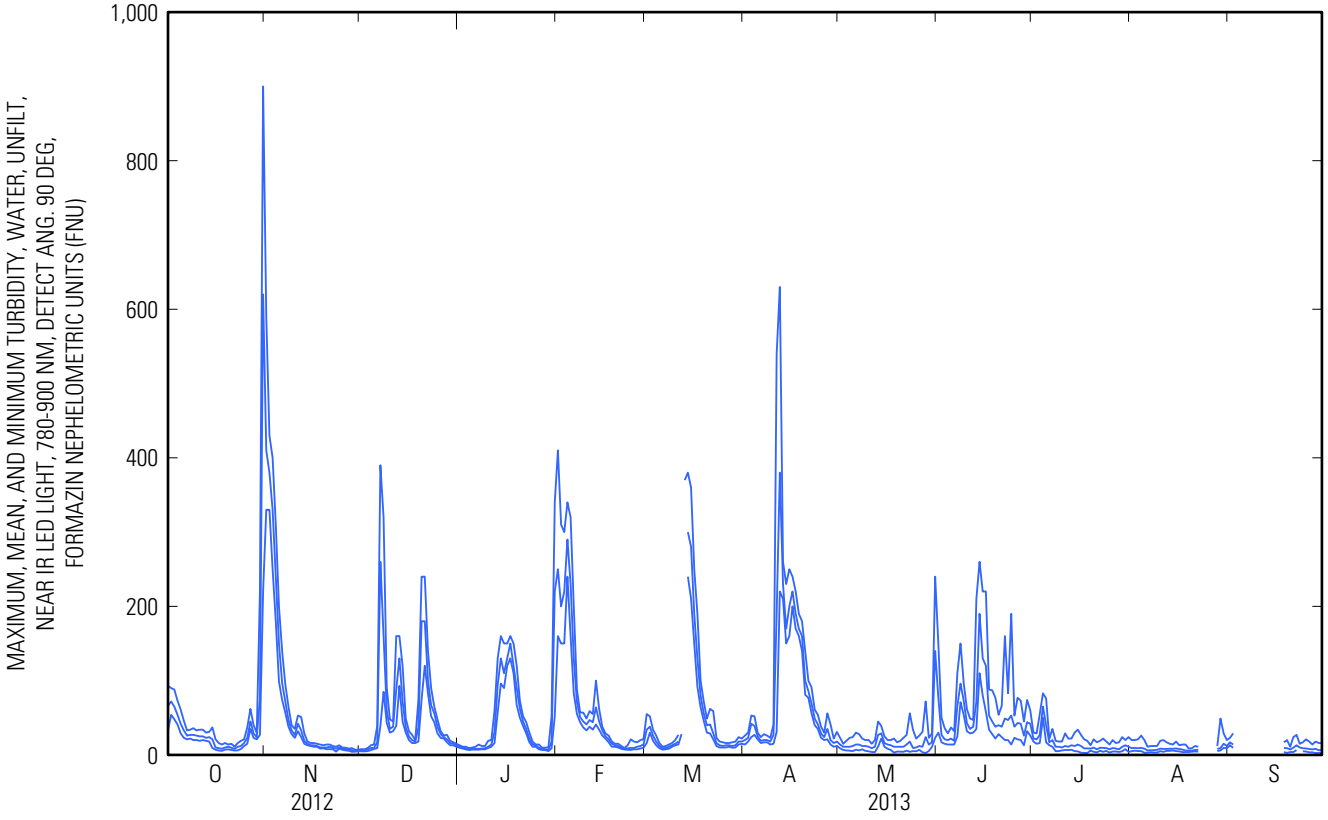
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	410	160	250	55	16	34	26	14	20	23	9.0	14
2	310	150	200	52	30	38	30	18	23	15	6.7	11
3	300	150	220	34	19	26	53	24	42	19	6.0	11
4	340	240	290	26	13	18	52	27	39	23	5.7	11
5	320	160	230	16	9.1	12	30	21	25	24	5.2	12
6	200	83	130	11	7.1	8.9	24	16	19	30	7.0	14
7	88	55	71	12	7.6	9.5	28	17	20	28	6.1	14
8	57	44	51	14	8.3	11	26	17	20	22	7.5	12
9	57	37	45	16	11	13	23	14	18	20	5.5	12
10	49	33	41	20	13	15	41	15	27	20	4.9	11
11	59	38	47	27	14	18	540	31	190	15	3.9	9.1
12	55	34	44	---	28	---	630	220	380	20	3.8	11
13	100	41	64	370	---	---	260	210	230	45	11	27
14	62	34	45	380	240	300	230	150	170	39	22	29
15	38	26	33	360	210	280	250	160	200	25	11	16
16	29	22	25	250	150	190	240	200	220	20	8.3	14
17	26	17	21	190	92	130	220	170	190	20	6.7	13
18	18	11	15	100	64	80	190	160	170	22	3.0	11
19	15	11	13	72	46	56	180	140	160	17	4.5	11
20	15	10	12	49	30	40	140	81	100	19	4.4	11
21	12	8.2	9.5	62	29	41	100	77	86	23	4.2	11
22	9.2	7.3	8.2	59	21	29	91	56	69	27	5.8	14
23	13	6.9	8.8	23	12	16	61	40	49	56	4.2	18
24	21	6.7	9.5	18	10	13	54	35	41	34	5.1	9.4
25	18	7.6	9.4	17	10	12	38	23	29	22	4.9	10
26	17	7.5	11	16	10	13	30	20	24	26	6.8	12
27	20	8.6	12	16	11	13	56	21	35	31	3.6	11
28	21	9.6	14	17	9.7	12	41	14	20	72	2.6	24
29	---	---	---	18	10	13	22	11	16	23	5.2	14
30	---	---	---	24	14	18	31	12	18	29	11	17
31	---	---	---	22	15	18	---	---	---	240	23	140
Month	410	6.7	69	---	---	---	630	11	88	240	2.6	18

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	150	30	77	30	18	22	20	5.1	9.1	23	13	17
2	50	17	27	29	15	21	20	5.7	9.4	29	9.5	14
3	36	15	21	55	16	27	21	5.2	9.0	---	---	---
4	29	14	20	83	50	65	26	5.2	9.5	---	---	---
5	37	14	22	76	17	40	20	2.9	8.4	---	---	---
6	32	14	19	22	13	17	11	3.2	6.1	---	---	---
7	110	25	66	35	11	20	12	3.6	6.3	---	---	---
8	150	71	96	19	5.0	11	12	3.2	6.4	---	---	---
9	97	54	73	18	5.2	11	12	3.2	6.8	---	---	---
10	62	32	43	18	6.0	10	19	5.1	8.5	---	---	---
11	49	29	35	29	6.7	12	20	4.2	8.1	---	---	---
12	47	30	38	22	6.5	11	17	5.4	8.1	---	---	---
13	210	35	72	22	7.0	13	15	5.5	8.3	---	---	---
14	260	110	190	30	5.1	12	14	5.9	8.3	---	---	---
15	220	80	130	34	4.8	14	18	5.2	8.7	---	---	---
16	220	58	120	27	3.0	12	13	4.8	8.0	---	---	---
17	88	34	53	21	2.7	8.8	14	3.8	7.2	---	---	---
18	87	28	45	19	2.6	8.8	14	3.9	5.9	17	3.7	9.3
19	77	22	38	13	5.8	8.5	8.5	3.9	5.7	20	2.8	9.1
20	54	28	40	21	4.2	9.8	9.1	4.3	5.8	11	3.9	7.3
21	66	24	38	17	3.4	7.6	12	4.7	6.6	24	3.9	9.8
22	160	20	49	19	5.6	9.6	11	4.4	7.0	27	6.5	13
23	83	20	47	22	4.2	9.5	---	---	---	15	---	10
24	190	14	53	18	5.4	9.2	---	---	---	17	4.9	9.0
25	53	23	38	14	3.1	7.6	---	---	---	21	4.5	8.7
26	77	21	43	20	4.6	9.3	---	---	---	18	3.5	8.0
27	73	20	42	16	4.6	8.6	---	---	---	14	3.5	7.5
28	45	13	26	17	4.0	7.6	12	5.3	7.9	18	2.4	8.2
29	74	32	44	24	4.9	11	49	6.0	9.4	16	2.9	6.3
30	60	26	42	20	7.8	13	29	9.5	15	16	2.1	6.7
31	---	---	---	24	4.0	11	20	8.9	12	---	---	---
Month	260	13	55	83	2.6	15	---	---	---	---	---	---

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 1 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Begin time	Discharge, instantaneous, ft³/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)	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Caffeine-13C, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62840)	Decafluorobiphenyl, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62841)
10-15-2012	1615	471	--	--	--	--	--	--	--
10-16-2012	1330	742	--	8.4	624	12.9	--	--	--
10-29-2012	1725	2,260	8.8	7.7	459	12.0	23	--	--
10-30-2012	0650	3,650	9.3	7.7	468	11.2	28	--	--
10-30-2012	1130	5,720	9.2	7.7	470	11.1	41	--	--
10-30-2012	1630	7,090	9.2	7.7	514	10.8	88	--	--
10-30-2012	1845	7,920	9.1	7.7	503	10.5	110	--	--
10-31-2012	2215	7,790	9.0	7.7	560	9.8	560	--	--
11-01-2012	0015	8,300	9.1	7.7	379	9.7	550	--	--
11-05-2012	1500	6,380	11.1	7.7	320	7.8	140	--	--
12-04-2012	1720	1,260	13.0	8.0	679	4.9	11	--	--
12-19-2012	0545	4,280	12.2	8.0	450	4.7	37	--	--
12-20-2012	0645	5,640	12.1	8.0	334	4.9	180	--	--
12-20-2012	1230	5,390	12.3	8.0	312	4.8	190	62.9	49.8
01-06-2013	2300	2,250	14.0	8.0	514	.1	8.1	--	--
01-07-2013	0815	2,120	13.9	8.0	519	.2	7.6	--	--
01-07-2013	0930	2,640	13.9	8.0	518	.2	8.0	--	--
01-09-2013	1045	2,330	14.2	8.0	539	.1	9.4	--	--
01-10-2013	1345	2,980	14.4	8.0	556	.8	11	--	--
01-12-2013	0800	4,600	13.7	8.0	590	1.4	24	--	--
01-12-2013	1730	6,150	13.6	8.0	562	2.2	39	--	--
01-14-2013	1100	7,100	12.6	7.9	428	4.4	140	--	--
01-16-2013	1130	7,170	13.1	7.9	339	3.3	140	--	--
01-27-2013	1145	1,460	13.9	7.9	550	.0	8.6	--	--
01-31-2013	0900	6,990	13.4	7.9	508	.5	240	--	--
01-31-2013	1345	7,250	13.4	7.9	462	.6	270	--	--
02-04-2013	1500	6,780	14.3	7.9	264	.6	320	42.9	38.9
03-05-2013	1030	2,510	13.5	7.9	660	.6	12	78.6	67.3
03-11-2013	0745	4,230	12.5	7.9	625	4.3	17	--	--
03-11-2013	1600	4,700	12.6	7.9	601	4.8	18	--	--
03-11-2013	2100	5,330	12.1	7.9	581	4.9	21	--	--
03-12-2013	0300	5,940	12.0	7.9	554	4.9	36	--	--
03-12-2013	1345	6,390	11.9	7.9	496	5.4	72	75.1	61.7
04-01-2013	1215	3,470	12.4	8.0	452	6.2	17	54.0	55.2
04-11-2013	0535	7,600	10.0	7.8	435	9.6	74	--	--
04-11-2013	0835	8,250	10.1	7.8	432	9.2	93	--	--
04-11-2013	2020	9,200	10.4	7.8	442	7.9	320	--	--
04-12-2013	0630	9,510	10.8	7.8	440	6.3	550	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

04-12-2013	0845	8,680	10.9	7.8	437	6.1	470	65.4	49.1
04-13-2013	1245	11,500	10.9	7.8	441	5.9	210	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 2 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Fluor-anthene-d10, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62842)	Sample volume, Schedule 4433 and Labcode 8033 (WWWW), milliliters (99963)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Suspended solids, water, unfiltered, mg/L (00530)	Calcium, water, filtered, mg/L (00915)	Magne-sium, water, filtered, mg/L (00925)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)
10-15-2012	--	--	--	--	77.4	15.8	56.9	0.15	100	0.028
10-16-2012	--	--	364	42	--	--	--	--	--	--
10-29-2012	--	--	--	--	57.3	11.3	33.0	.09	64.1	.041
10-30-2012	--	--	--	--	--	--	41.8	--	--	.021
10-30-2012	--	--	--	--	--	--	40.0	--	--	.041
10-30-2012	--	--	--	--	--	--	48.8	--	--	.033
10-30-2012	--	--	--	--	--	--	41.2	--	--	.040
10-31-2012	--	--	--	--	--	--	31.6	--	--	.034
11-01-2012	--	--	--	--	--	--	29.5	--	--	.033
11-05-2012	--	--	201	189	40.2	7.82	23.9	.08	37.9	.032
12-04-2012	--	--	433	30	91.7	18.4	54.1	.10	123	.034
12-19-2012	--	--	--	--	--	--	38.4	--	--	.031
12-20-2012	--	--	--	--	--	--	26.8	--	--	.057
12-20-2012	63.3	966	--	--	37.0	7.96	24.0	.08	32.8	.016
01-06-2013	--	--	--	--	63.8	14.3	46.2	.09	63.1	.027
01-07-2013	--	--	--	--	--	--	49.2	--	--	< .010
01-07-2013	--	--	--	--	--	--	48.1	--	--	< .010
01-09-2013	--	--	--	--	--	--	52.3	--	--	.027
01-10-2013	--	--	--	--	--	--	57.3	--	--	.018
01-12-2013	--	--	--	--	--	--	64.1	--	--	< .010
01-12-2013	--	--	--	--	64.6	15.6	62.6	.11	57.5	.026
01-14-2013	--	--	--	--	--	--	39.5	--	--	.021
01-16-2013	--	--	210	139	--	--	--	--	--	.015
01-27-2013	--	--	--	--	--	--	65.1	--	--	.044
01-31-2013	--	--	--	--	53.7	12.4	61.0	.10	45.1	.111
01-31-2013	--	--	--	--	--	--	51.5	--	--	.096
02-04-2013	47.1	907	163	320	30.4	6.27	24.4	.07	26.1	.036
03-05-2013	86.2	934	389	< 15	72.2	17.1	74.3	.09	76.1	.027
03-11-2013	--	--	--	--	70.8	17.2	61.5	.14	70.8	.018
03-11-2013	--	--	--	--	--	--	59.1	--	--	.028
03-11-2013	--	--	--	--	--	--	55.7	--	--	.022
03-12-2013	--	--	--	--	--	--	49.3	--	--	.039
03-12-2013	78.9	972	--	--	--	--	48.1	--	--	.027
04-01-2013	70.9	959	273	16	53.7	12.3	43.0	.11	53.5	.027
04-11-2013	--	--	--	--	--	--	43.2	--	--	.042
04-11-2013	--	--	--	--	45.1	11.3	52.4	--	39.9	.047
04-11-2013	--	--	--	--	--	--	52.1	--	--	.059
04-12-2013	--	--	--	--	--	--	45.9	--	--	.057

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

04-12-2013	73.2	911	--	--	--	--	--	--	--	--
04-13-2013	--	--	--	--	--	--	40.5	--	--	.043

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 3 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34571)	Atrazine, water, unfiltered, recoverable, µg/L (39630)	Bromacil, water, unfiltered, recoverable, µg/L (30234)	Camphor, water, unfiltered, recoverable, µg/L (62817)	Carbaryl, water, unfiltered, recoverable, µg/L (39750)
10-15-2012	0.855	0.008	0.013	0.057	--	--	--	--	--
10-16-2012	--	--	.019	.04	--	--	--	--	--
10-29-2012	.534	.008	.012	.059	--	--	--	--	--
10-30-2012	.452	.007	.021	.093	--	--	--	--	--
10-30-2012	.469	.008	.028	.101	--	--	--	--	--
10-30-2012	.564	.007	.026	.171	--	--	--	--	--
10-30-2012	.661	.007	.027	.230	--	--	--	--	--
10-31-2012	1.11	.010	.019	.656	--	--	--	--	--
11-01-2012	1.16	.009	.019	.697	--	--	--	--	--
11-05-2012	.798	.008	.017	.244	--	--	--	--	--
12-04-2012	1.01	.006	.010	.054	--	--	--	--	--
12-19-2012	.996	.005	.013	.070	--	--	--	--	--
12-20-2012	.993	.007	.004	.249	--	--	--	--	--
12-20-2012	.872	.004	.015	.295	< .08	.01	< .16	< .08	< .06
01-06-2013	1.28	.005	.010	.132	--	--	--	--	--
01-07-2013	1.28	.005	.006	.024	--	--	--	--	--
01-07-2013	1.30	.005	.006	.026	--	--	--	--	--
01-09-2013	1.36	.005	.010	.032	--	--	--	--	--
01-10-2013	1.33	.006	.009	.035	--	--	--	--	--
01-12-2013	1.69	.008	.015	.061	--	--	--	--	--
01-12-2013	1.85	.009	.019	.092	--	--	--	--	--
01-14-2013	1.71	.007	.019	.194	--	--	--	--	--
01-16-2013	1.08	.005	.012	.173	--	--	--	--	--
01-27-2013	1.61	.009	.015	.209	--	--	--	--	--
01-31-2013	1.73	.012	.031	.474	--	--	--	--	--
01-31-2013	1.77	.011	.024	.444	--	--	--	--	--
02-04-2013	.983	.004	.014	.394	< .08	E .01	< .16	< .08	< .06
03-05-2013	1.58	.007	.012	.037	< .08	.06	< .16	< .08	< .06
03-11-2013	1.86	.007	.011	.068	--	--	--	--	--
03-11-2013	1.87	.007	.013	.073	--	--	--	--	--
03-11-2013	1.97	.007	.012	.061	--	--	--	--	--
03-12-2013	2.11	.009	.021	.103	--	--	--	--	--
03-12-2013	2.02	.009	.014	.118	< .08	.08	< .16	.02	< .06
04-01-2013	1.31	.006	.005	.038	< .08	.06	< .16	< .08	< .06
04-11-2013	1.08	.008	.008	.155	--	--	--	--	--
04-11-2013	1.07	.010	.009	.171	--	--	--	--	--
04-11-2013	1.32	.012	.016	.470	--	--	--	--	--
04-12-2013	1.59	.013	.019	.772	--	--	--	--	--
04-12-2013	--	--	--	--	< .08	E .02	< .16	< .08	< .06
04-13-2013	1.67	.010	.025	.508	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 4 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Carbazole, water, unfiltered, recoverable, µg/L (77571)	Chlorpyrifos, water, unfiltered, recoverable, µg/L (38932)	Diazinon, water, unfiltered, recoverable, µg/L (39570)	Dichlorvos, water, unfiltered, recoverable, µg/L (30218)	Metalaxyl, water, unfiltered, recoverable, µg/L (04254)	Metolachlor, water, unfiltered, recoverable, µg/L (82612)	DEET, water, unfiltered, recoverable, µg/L (61947)	p-Cresol, water, unfiltered, recoverable, µg/L (77146)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Prometon, water, unfiltered, recoverable, µg/L (39056)
10-15-2012	--	--	--	--	--	--	--	--	--	--
10-16-2012	--	--	--	--	--	--	--	--	--	--
10-29-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-31-2012	--	--	--	--	--	--	--	--	--	--
11-01-2012	--	--	--	--	--	--	--	--	--	--
11-05-2012	--	--	--	--	--	--	--	--	--	--
12-04-2012	--	--	--	--	--	--	--	--	--	--
12-19-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	.002	< .12	< .32	< .08	< .16	.02	< .04	.02	E .2	< .16
01-06-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-09-2013	--	--	--	--	--	--	--	--	--	--
01-10-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-14-2013	--	--	--	--	--	--	--	--	--	--
01-16-2013	--	--	--	--	--	--	--	--	--	--
01-27-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
02-04-2013	< .020	< .12	< .32	< .08	< .16	E .02	E .02	< .08	< 1.6	< .16
03-05-2013	< .020	< .12	< .32	< .08	< .16	.02	.05	.03	< 1.6	< .16
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	.007	< .12	< .32	< .08	< .16	.05	< .04	< .08	< 1.6	< .16
04-01-2013	< .020	< .12	< .32	< .08	< .16	.04	< .04	< .08	< 1.6	< .16
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	.007	< .12	< .32	< .08	< .16	.03	.01	.01	< 1.6	< .16
04-13-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 5 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	1-Methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (81696)	2,6-Di-methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (62805)	2-Methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (30194)	3,4-Di-chloro-phenyl iso-cyanate, water, unfiltered, recover-able, µg/L (63145)	3-beta-Co-prostanol, water, unfiltered, recover-able, µg/L (62806)	3-Methyl-1H-indole, water, unfiltered, recover-able, µg/L (62807)	3-tert-Butyl-4-hydroxy-anisole, water, unfiltered, recover-able, µg/L (61702)	4-Cumyl-phenol, water, unfiltered, recover-able, µg/L (62808)	4-n-Octyl-phenol, water, unfiltered, recover-able, µg/L (62809)	4-Nonyl-phenol (sum of all isomers), water, unfiltered, recover-able, µg/L (62829)
10-15-2012	--	--	--	--	--	--	--	--	--	--
10-16-2012	--	--	--	--	--	--	--	--	--	--
10-29-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-31-2012	--	--	--	--	--	--	--	--	--	--
11-01-2012	--	--	--	--	--	--	--	--	--	--
11-05-2012	--	--	--	--	--	--	--	--	--	--
12-04-2012	--	--	--	--	--	--	--	--	--	--
12-19-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	< .04	< .04	< .04	< .32	E .2	< .04	< .16	< .04	< .02	< 1.6
01-06-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-09-2013	--	--	--	--	--	--	--	--	--	--
01-10-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-14-2013	--	--	--	--	--	--	--	--	--	--
01-16-2013	--	--	--	--	--	--	--	--	--	--
01-27-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
02-04-2013	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
03-05-2013	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	< .04	< .04	< .04	< .32	E .3	< .04	< .16	< .04	< .02	< 1.6
04-01-2013	< .04	M	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	< .04	< .04	< .04	< .32	< 1.6	< .04	--	< .04	< .02	E .2
04-13-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 6 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	4-Nonyl-phenol di-ethoxylate (sum of all isomers), water, unfiltered, recover-able, µg/L (61703)	4-Nonyl-phenol mono-ethoxylate (sum of all isomers), water, unfiltered, recover-able, µg/L (61704)	4-tert-Octyl-phenol di-ethoxylate, water, unfiltered, recover-able, µg/L (62486)	4-tert-Octyl-phenol mono-ethoxylate, water, unfiltered, recover-able, µg/L (62485)	4-tert-Octyl-phenol, water, unfiltered, recover-able, µg/L (62810)	5-Methyl-1H-benzo-triazole, water, unfiltered, recover-able, µg/L (61944)	9,10-Anthra-quinone, water, unfiltered, recover-able, µg/L (62813)	Aceto-phenone, water, unfiltered, recover-able, µg/L (62811)	Acetyl hexa-methyl tetrahydro naph-thalene, water, unfiltered, recover-able, µg/L (62812)	Anthra-cene, water, unfiltered, recover-able, µg/L (34220)
10-15-2012	--	--	--	--	--	--	--	--	--	--
10-16-2012	--	--	--	--	--	--	--	--	--	--
10-29-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-31-2012	--	--	--	--	--	--	--	--	--	--
11-01-2012	--	--	--	--	--	--	--	--	--	--
11-05-2012	--	--	--	--	--	--	--	--	--	--
12-04-2012	--	--	--	--	--	--	--	--	--	--
12-19-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	E .6	E .22	< .2	< .6	< .4	< .32	E .03	< .4	< .04	M
01-06-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-09-2013	--	--	--	--	--	--	--	--	--	--
01-10-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-14-2013	--	--	--	--	--	--	--	--	--	--
01-16-2013	--	--	--	--	--	--	--	--	--	--
01-27-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
02-04-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .02	< .4	< .04	M
03-05-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .04	< .4	< .04	< .02
04-01-2013	E .5	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .03	< .4	< .04	.01
04-13-2013	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	BDE congener 47, water, unfiltered, recoverable, µg/L (63147)	Benzo[a]pyrene, water, unfiltered, recoverable, µg/L (34247)	Benzophenone, water, unfiltered, recoverable, µg/L (62814)	beta-Sitosterol, water, unfiltered, recoverable, µg/L (62815)	beta-Stigmastanol, water, unfiltered, recoverable, µg/L (61948)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)	Bisphenol A, water, unfiltered, recoverable, µg/L (62816)	Caffeine, water, unfiltered, recoverable, µg/L (81436)	Cholesterol, water, unfiltered, recoverable, µg/L (62818)	Cotinine, water, unfiltered, recoverable, µg/L (61945)
10-15-2012	--	--	--	--	--	--	--	--	--	--
10-16-2012	--	--	--	--	--	--	--	--	--	--
10-29-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-31-2012	--	--	--	--	--	--	--	--	--	--
11-01-2012	--	--	--	--	--	--	--	--	--	--
11-05-2012	--	--	--	--	--	--	--	--	--	--
12-04-2012	--	--	--	--	--	--	--	--	--	--
12-19-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	< .04	.01	< .08	E .7	E .2	< 2	.03	.03	E .5	< .08
01-06-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-09-2013	--	--	--	--	--	--	--	--	--	--
01-10-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-14-2013	--	--	--	--	--	--	--	--	--	--
01-16-2013	--	--	--	--	--	--	--	--	--	--
01-27-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
02-04-2013	< .04	E .01	< .08	E .4	< 3.4	< 2	E .08	E .02	< 1.6	< .08
03-05-2013	< .04	< .02	< .08	< 4.8	< 3.4	< 2	.06	.07	< 1.6	< .08
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	< .04	.01	< .08	E 3.2	< 3.4	M	.06	.04	E .6	< .08
04-01-2013	< .04	< .02	< .08	< 4.8	< 3.4	< 2	.04	.06	E .4	< .08
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	< .04	E .01	< .08	< 4.8	< 3.4	< 2	< .04	.03	E .4	< .08
04-13-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336)	D-Limonene, water, unfiltered, recoverable, µg/L (62819)	Fluoranthene, water, unfiltered, recoverable, µg/L (34376)	Hexahydrohexamethyl cyclopentabenzopyran, water, unfiltered, recoverable, µg/L (62823)	Indole, water, unfiltered, recoverable, µg/L (62824)	Isoborneol, water, unfiltered, recoverable, µg/L (62825)	Isophorone, water, unfiltered, recoverable, µg/L (34408)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)	Isoquinoline, water, unfiltered, recoverable, µg/L (62826)	Menthol, water, unfiltered, recoverable, µg/L (62827)
10-15-2012	--	--	--	--	--	--	--	--	--	--
10-16-2012	--	--	--	--	--	--	--	--	--	--
10-29-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-31-2012	--	--	--	--	--	--	--	--	--	--
11-01-2012	--	--	--	--	--	--	--	--	--	--
11-05-2012	--	--	--	--	--	--	--	--	--	--
12-04-2012	--	--	--	--	--	--	--	--	--	--
12-19-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	< .4	< .16	.02	.01	M	< .090	.007	< .04	< 0.04	< .32
01-06-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-09-2013	--	--	--	--	--	--	--	--	--	--
01-10-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-14-2013	--	--	--	--	--	--	--	--	--	--
01-16-2013	--	--	--	--	--	--	--	--	--	--
01-27-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
02-04-2013	< .4	< .16	E .01	E .01	< .04	< .090	E .006	< .04	< 0.04	< .32
03-05-2013	< .4	< .16	< .02	< .04	< .04	< .090	.008	< .04	< 0.04	< .32
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	< .4	< .16	.04	.01	< .04	< .090	.007	< .04	< 0.04	< .32
04-01-2013	< .4	< .16	.01	.02	< .04	< .090	.012	< .04	< 0.04	< .32
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

04-12-2013	< .4	< .16	E .07	.01	M	< .090	.009	< .04	< 0.04	< .32
04-13-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Methyl salicylate, water, unfiltered, recoverable, µg/L (62828)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	Phenanthrene, water, unfiltered, recoverable, µg/L (34461)	Phenol, water, unfiltered, recoverable, µg/L (34694)	Pyrene, water, unfiltered, recoverable, µg/L (34469)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Tributyl phosphate, water, unfiltered, recoverable, µg/L (62832)	Triclosan, water, unfiltered, recoverable, µg/L (61708)	Triethyl citrate, water, unfiltered, recoverable, µg/L (62833)
10-15-2012	--	--	--	--	--	--	--	--	--	--
10-16-2012	--	--	--	--	--	--	--	--	--	--
10-29-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-30-2012	--	--	--	--	--	--	--	--	--	--
10-31-2012	--	--	--	--	--	--	--	--	--	--
11-01-2012	--	--	--	--	--	--	--	--	--	--
11-05-2012	--	--	--	--	--	--	--	--	--	--
12-04-2012	--	--	--	--	--	--	--	--	--	--
12-19-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	--	--	--	--	--	--	--	--	--	--
12-20-2012	< .08	< .02	.01	< .16	.01	< .16	< .16	< .064	< .32	< .04
01-06-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-07-2013	--	--	--	--	--	--	--	--	--	--
01-09-2013	--	--	--	--	--	--	--	--	--	--
01-10-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-12-2013	--	--	--	--	--	--	--	--	--	--
01-14-2013	--	--	--	--	--	--	--	--	--	--
01-16-2013	--	--	--	--	--	--	--	--	--	--
01-27-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
01-31-2013	--	--	--	--	--	--	--	--	--	--
02-04-2013	< .08	< .02	E .01	< .16	E .01	< .16	< .16	< .064	< .32	< .04
03-05-2013	< .08	< .02	< .02	< .16	< .02	< .16	< .16	.011	< .32	.01
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-11-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	--	--	--	--	--	--	--	--	--	--
03-12-2013	< .08	< .02	.02	< .16	.03	< .16	< .16	E .013	< .32	< .04
04-01-2013	< .08	< .02	< .02	< .16	.01	< .16	< .16	.009	< .32	< .04
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-11-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	--	--	--	--	--	--	--	--	--	--
04-12-2013	< .08	< .02	.03	< .16	E .06	< .16	< .16	.051	< .32	< .04
04-13-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 10 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Triphenyl phosphate, water, unfiltered, recoverable, µg/L (62834)	Tris(2-butoxyethyl) phosphate, water, unfiltered, recoverable, µg/L (62830)	Tris(2-chloroethyl) phosphate, water, unfiltered, recoverable, µg/L (62831)	Tris(dichloroisopropyl) phosphate, water, unfiltered, recoverable, µg/L (61707)	Suspended sediment concentration, mg/L (80154)
10-15-2012	--	--	--	--	20
10-16-2012	--	--	--	--	--
10-29-2012	--	--	--	--	24
10-30-2012	--	--	--	--	42
10-30-2012	--	--	--	--	46
10-30-2012	--	--	--	--	116
10-30-2012	--	--	--	--	171
10-31-2012	--	--	--	--	765
11-01-2012	--	--	--	--	703
11-05-2012	--	--	--	--	216
12-04-2012	--	--	--	--	41
12-19-2012	--	--	--	--	49
12-20-2012	--	--	--	--	264
12-20-2012	< .08	< .64	< .16	< .32	339
01-06-2013	--	--	--	--	32
01-07-2013	--	--	--	--	7
01-07-2013	--	--	--	--	8
01-09-2013	--	--	--	--	13
01-10-2013	--	--	--	--	16
01-12-2013	--	--	--	--	26
01-12-2013	--	--	--	--	51
01-14-2013	--	--	--	--	186
01-16-2013	--	--	--	--	--
01-27-2013	--	--	--	--	229
01-31-2013	--	--	--	--	528
01-31-2013	--	--	--	--	547
02-04-2013	< .08	E .19	< .16	< .32	419
03-05-2013	< .08	< .64	< .16	< .32	13
03-11-2013	--	--	--	--	41
03-11-2013	--	--	--	--	41
03-11-2013	--	--	--	--	32
03-12-2013	--	--	--	--	57
03-12-2013	< .08	E .45	< .16	< .32	116
04-01-2013	< .08	< .64	< .16	< .32	23
04-11-2013	--	--	--	--	160
04-11-2013	--	--	--	--	143
04-11-2013	--	--	--	--	595
04-12-2013	--	--	--	--	966
04-12-2013	E .01	< .64	< .16	< .32	--
04-13-2013	--	--	--	--	625

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Begin time	Discharge, instantaneous, ft³/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)	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Caffeine-13C, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62840)	Decafluorobiphenyl, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62841)
04-14-2013	2000	8,760	11.1	7.8	397	6.5	140	--	--
04-16-2013	1400	8,330	11.0	7.8	340	8.8	210	55.1	49.6
05-08-2013	0930	1,420	11.3	8.0	703	19.2	13	50.1	47.8
05-20-2013	1000	1,110	10.3	7.9	627	18.1	15	--	--
05-31-2013	0930	4,630	7.5	7.5	452	19.1	170	--	--
06-01-2013	0815	3,400	7.5	7.6	387	20.1	--	--	--
06-03-2013	1330	2,330	7.3	7.7	551	21.9	27	66.6	51.7
06-14-2013	0920	4,570	8.0	7.7	509	16.9	58	--	--
06-14-2013	1830	8,260	7.5	7.6	451	17.6	240	--	--
06-15-2013	0750	9,000	7.3	7.6	436	17.3	300	--	--
06-17-2013	1200	3,940	7.6	7.7	485	18.7	62	--	--
07-01-2013	1630	2,730	6.9	7.8	663	21.2	20	62.0	56.4
07-17-2013	0745	1,080	8.3	7.9	669	26.2	--	--	--
08-06-2013	0945	905	8.3	7.9	684	22.1	14	42.4	43.0
08-19-2013	1500	796	8.8	8.1	613	22.2	7.6	--	--
09-03-2013	1230	1,000	--	7.7	699	24.4	--	68.5	43.0
09-17-2013	1400	884	7.6	7.9	498	18.0	6.0	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 12 of 20

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Fluor-anthene-d10, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62842)	Sample volume, Schedule 4433 and Labcode 8033 (WWWW), milliliters (99963)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Suspended solids, water, unfiltered, mg/L (00530)	Calcium, water, filtered, mg/L (00915)	Magne-sium, water, filtered, mg/L (00925)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)
04-14-2013	--	--	--	--	--	--	36.5	--	--	0.023
04-16-2013	84.2	960	203	232	38.9	7.96	30.1	--	33.9	.021
05-08-2013	58.6	917	409	30	80.1	17.2	62.6	.15	93.7	.011
05-20-2013	--	--	365	23	--	--	--	--	--	< .010
05-31-2013	--	--	--	--	--	--	48.4	--	--	.037
06-01-2013	--	--	--	--	--	--	31.1	--	--	.039
06-03-2013	80.3	894	334	37	63.5	13.6	43.8	.14	72.3	.047
06-14-2013	--	--	--	--	--	--	31.9	--	--	.054
06-14-2013	--	--	--	--	--	--	34.7	--	--	.048
06-15-2013	--	--	--	--	--	--	37.5	--	--	.040
06-17-2013	--	--	300	56	55.1	12.5	35.6	.12	48.1	.034
07-01-2013	73.2	952	378	47	79.8	16.9	48.8	.15	81.0	.057
07-17-2013	--	--	439	< 15	--	--	--	--	--	< .010
08-06-2013	60.1	869	398	25	81.5	16.3	52.6	.17	114	.025
08-19-2013	--	--	365	< 15	--	--	--	--	--	.012
09-03-2013	70.4	887	418	< 15	79.1	15.8	72.2	.15	109	.021
09-17-2013	--	--	350	< 15	--	--	48.0	--	--	.051

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophos-phate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	1,4-Dichloro-benzene, water, unfiltered, recover-able, µg/L (34571)	Atrazine, water, unfiltered, recover-able, µg/L (39630)	Bromacil, water, unfiltered, recover-able, µg/L (30234)	Camphor, water, unfiltered, recover-able, µg/L (62817)	Carbaryl, water, unfiltered, recover-able, µg/L (39750)
04-14-2013	1.48	0.008	0.018	0.347	--	--	--	--	--
04-16-2013	1.09	.006	.012	.259	< .08	E .01	< .16	< .08	< .06
05-08-2013	1.16	.013	< .004	.061	< .08	.04	< .16	< .08	< .06
05-20-2013	.693	.009	< .004	.047	--	--	--	--	--
05-31-2013	1.06	.011	.012	.184	--	--	--	--	--
06-01-2013	.836	.016	.015	.160	--	--	--	--	--
06-03-2013	.960	.019	.016	.076	< .08	.20	< .16	.02	< .06
06-14-2013	3.24	.027	.054	.518	--	--	--	--	--
06-14-2013	3.41	.025	.054	.390	--	--	--	--	--
06-15-2013	3.60	.023	.042	.237	--	--	--	--	--
06-17-2013	1.71	.014	.133	.101	--	--	--	--	--
07-01-2013	2.01	.022	.042	.121	< .08	1.0	< .16	.02	< .06
07-17-2013	1.10	.009	.006	.088	--	--	--	--	--
08-06-2013	.749	.008	< .004	.066	< .08	.12	< .16	.01	< .06
08-19-2013	.474	.006	< .004	.044	--	--	--	--	--
09-03-2013	.625	.011	.006	.051	< .08	.07	< .16	.02	< .06
09-17-2013	.698	.008	.019	.056	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Carbazole, water, unfiltered, recoverable, µg/L (77571)	Chlorpyrifos, water, unfiltered, recoverable, µg/L (38932)	Diazinon, water, unfiltered, recoverable, µg/L (39570)	Dichlorvos, water, unfiltered, recoverable, µg/L (30218)	Metalaxyl, water, unfiltered, recoverable, µg/L (04254)	Metolachlor, water, unfiltered, recoverable, µg/L (82612)	DEET, water, unfiltered, recoverable, µg/L (61947)	p-Cresol, water, unfiltered, recoverable, µg/L (77146)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Prometon, water, unfiltered, recoverable, µg/L (39056)
04-14-2013	--	--	--	--	--	--	--	--	--	--
04-16-2013	< .020	< .12	< .32	< .08	< .16	.02	< .04	< .08	< 1.6	< .16
05-08-2013	.003	.01	< .32	< .08	< .16	.01	.02	< .08	< 1.6	< .16
05-20-2013	--	--	--	--	--	--	--	--	--	--
05-31-2013	--	--	--	--	--	--	--	--	--	--
06-01-2013	--	--	--	--	--	--	--	--	--	--
06-03-2013	< .020	< .12	< .32	< .08	< .16	.15	.01	< .08	--	< .16
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-15-2013	--	--	--	--	--	--	--	--	--	--
06-17-2013	--	--	--	--	--	--	--	--	--	--
07-01-2013	< .020	< .12	< .32	< .08	< .16	.72	.06	< .08	< 1.6	.02
07-17-2013	--	--	--	--	--	--	--	--	--	--
08-06-2013	< .020	< .12	< .32	< .08	< .16	.05	.04	< .08	< 1.6	< .16
08-19-2013	--	--	--	--	--	--	--	--	--	--
09-03-2013	< .020	< .12	< .32	< .08	< .16	.02	.04	< .08	< 1.6	< .16
09-17-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	1-Methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (81696)	2,6-Di-methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (62805)	2-Methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (30194)	3,4-Di-chloro-phenyl iso-cyanate, water, unfiltered, recover-able, µg/L (63145)	3-beta-Co-prostanol, water, unfiltered, recover-able, µg/L (62806)	3-Methyl-1H-indole, water, unfiltered, recover-able, µg/L (62807)	3-tert-Butyl-4-hydroxy-anisole, water, unfiltered, recover-able, µg/L (61702)	4-Cumyl-phenol, water, unfiltered, recover-able, µg/L (62808)	4-n-Octyl-phenol, water, unfiltered, recover-able, µg/L (62809)	4-Nonyl-phenol (sum of all isomers), water, unfiltered, recover-able, µg/L (62829)
04-14-2013	--	--	--	--	--	--	--	--	--	--
04-16-2013	< .04	< .04	< .04	< .32	< 1.6	< .04	--	< .04	< .02	< 1.6
05-08-2013	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
05-20-2013	--	--	--	--	--	--	--	--	--	--
05-31-2013	--	--	--	--	--	--	--	--	--	--
06-01-2013	--	--	--	--	--	--	--	--	--	--
06-03-2013	< .04	< .04	< .04	E .06	< 1.6	< .04	--	< .04	< .02	< 1.6
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-15-2013	--	--	--	--	--	--	--	--	--	--
06-17-2013	--	--	--	--	--	--	--	--	--	--
07-01-2013	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
07-17-2013	--	--	--	--	--	--	--	--	--	--
08-06-2013	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
08-19-2013	--	--	--	--	--	--	--	--	--	--
09-03-2013	< .04	< .04	< .04	E .18	< 1.6	< .04	< .16	< .04	< .02	< 1.6
09-17-2013	--	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	4-Nonyl-phenol di-ethoxylate (sum of all isomers), water, unfiltered, recover-able, µg/L (61703)	4-Nonyl-phenol mono-ethoxylate (sum of all isomers), water, unfiltered, recover-able, µg/L (61704)	4-tert-Octyl-phenol di-ethoxylate, water, unfiltered, recover-able, µg/L (62486)	4-tert-Octyl-phenol mono-ethoxylate, water, unfiltered, recover-able, µg/L (62485)	4-tert-Octyl-phenol, water, unfiltered, recover-able, µg/L (62810)	5-Methyl-1H-benzo-triazole, water, unfiltered, recover-able, µg/L (61944)	9,10-Anthra-quinone, water, unfiltered, recover-able, µg/L (62813)	Aceto-phenone, water, unfiltered, recover-able, µg/L (62811)	Acetyl hexa-methyl tetrahydro naph-thalene, water, unfiltered, recover-able, µg/L (62812)	Anthra-cene, water, unfiltered, recover-able, µg/L (34220)
04-14-2013	--	--	--	--	--	--	--	--	--	--
04-16-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .01	< .4	< .04	< .02
05-08-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .03	< .4	< .04	< .02
05-20-2013	--	--	--	--	--	--	--	--	--	--
05-31-2013	--	--	--	--	--	--	--	--	--	--
06-01-2013	--	--	--	--	--	--	--	--	--	--
06-03-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .03	< .4	< .04	< .02
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-15-2013	--	--	--	--	--	--	--	--	--	--
06-17-2013	--	--	--	--	--	--	--	--	--	--
07-01-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .02	< .4	< .04	M
07-17-2013	--	--	--	--	--	--	--	--	--	--
08-06-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
08-19-2013	--	--	--	--	--	--	--	--	--	--
09-03-2013	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
09-17-2013	--	--	--	--	--	--	--	--	--	--

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	BDE congener 47, water, unfiltered, recoverable, µg/L (63147)	Benzo[a]-pyrene, water, unfiltered, recoverable, µg/L (34247)	Benzo-phenone, water, unfiltered, recoverable, µg/L (62814)	beta-Sitos-terol, water, unfiltered, recoverable, µg/L (62815)	beta-Stig-mastanol, water, unfiltered, recoverable, µg/L (61948)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)	Bisphenol A, water, unfiltered, recoverable, µg/L (62816)	Caffeine, water, unfiltered, recoverable, µg/L (81436)	Choles-terol, water, unfiltered, recoverable, µg/L (62818)	Cotinine, water, unfiltered, recoverable, µg/L (61945)
04-14-2013	--	--	--	--	--	--	--	--	--	--
04-16-2013	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	< .08	E .2	< .08
05-08-2013	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	.11	E .8	< .08
05-20-2013	--	--	--	--	--	--	--	--	--	--
05-31-2013	--	--	--	--	--	--	--	--	--	--
06-01-2013	--	--	--	--	--	--	--	--	--	--
06-03-2013	< .04	< .02	< .08	E .6	< 3.4	< 2	--	< .08	E .5	< .08
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-15-2013	--	--	--	--	--	--	--	--	--	--
06-17-2013	--	--	--	--	--	--	--	--	--	--
07-01-2013	< .04	.01	.01	< 4.8	< 3.4	< 2	< .04	.04	E .3	< .08
07-17-2013	--	--	--	--	--	--	--	--	--	--
08-06-2013	< .04	< .02	.01	< 4.8	< 3.4	< 2	< .04	.03	E .5	< .08
08-19-2013	--	--	--	--	--	--	--	--	--	--
09-03-2013	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	.06	E .5	< .08
09-17-2013	--	--	--	--	--	--	--	--	--	--

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336)	D-Limonene, water, unfiltered, recoverable, µg/L (62819)	Fluoranthene, water, unfiltered, recoverable, µg/L (34376)	Hexahydrohexamethyl cyclopentabenzopyran, water, unfiltered, recoverable, µg/L (62823)	Indole, water, unfiltered, recoverable, µg/L (62824)	Isoborneol, water, unfiltered, recoverable, µg/L (62825)	Isophorone, water, unfiltered, recoverable, µg/L (34408)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)	Isoquinoline, water, unfiltered, recoverable, µg/L (62826)	Menthol, water, unfiltered, recoverable, µg/L (62827)
04-14-2013	--	--	--	--	--	--	--	--	--	--
04-16-2013	< .4	< .16	E .02	.01	< .04	< .090	.006	< .04	< 0.04	< .32
05-08-2013	< .4	< .16	.01	.02	.01	< .090	.010	< .04	< 0.04	< .32
05-20-2013	--	--	--	--	--	--	--	--	--	--
05-31-2013	--	--	--	--	--	--	--	--	--	--
06-01-2013	--	--	--	--	--	--	--	--	--	--
06-03-2013	< .4	< .16	.02	.01	< .04	< .090	.007	< .04	< 0.04	< .32
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-15-2013	--	--	--	--	--	--	--	--	--	--
06-17-2013	--	--	--	--	--	--	--	--	--	--
07-01-2013	< .4	< .16	.02	.01	< .04	< .090	< .050	< .04	< 0.04	< .32
07-17-2013	--	--	--	--	--	--	--	--	--	--
08-06-2013	< .4	< .16	.01	.01	< .04	< .090	.013	< .04	< 0.04	< .32
08-19-2013	--	--	--	--	--	--	--	--	--	--
09-03-2013	< .4	< .16	.02	.02	< .04	< .090	.019	< .04	< 0.04	< .32
09-17-2013	--	--	--	--	--	--	--	--	--	--

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Methyl salicylate, water, unfiltered, recoverable, µg/L (62828)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	Phenanthrene, water, unfiltered, recoverable, µg/L (34461)	Phenol, water, unfiltered, recoverable, µg/L (34694)	Pyrene, water, unfiltered, recoverable, µg/L (34469)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Tributyl phosphate, water, unfiltered, recoverable, µg/L (62832)	Triclosan, water, unfiltered, recoverable, µg/L (61708)	Triethyl citrate, water, unfiltered, recoverable, µg/L (62833)
04-14-2013	--	--	--	--	--	--	--	--	--	--
04-16-2013	< .08	< .02	.01	< .16	E .01	< .16	< .16	< .064	< .32	< .04
05-08-2013	< .08	< .02	.01	< .16	.01	< .16	< .16	< .064	< .32	.05
05-20-2013	--	--	--	--	--	--	--	--	--	--
05-31-2013	--	--	--	--	--	--	--	--	--	--
06-01-2013	--	--	--	--	--	--	--	--	--	--
06-03-2013	< .08	< .02	< .02	< .16	.01	< .16	< .16	< .064	< .32	< .04
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-14-2013	--	--	--	--	--	--	--	--	--	--
06-15-2013	--	--	--	--	--	--	--	--	--	--
06-17-2013	--	--	--	--	--	--	--	--	--	--
07-01-2013	< .08	< .02	.01	< .16	.02	< .16	< .16	< .064	< .32	< .04
07-17-2013	--	--	--	--	--	--	--	--	--	--
08-06-2013	< .08	< .02	< .02	< .16	.01	< .16	< .16	< .064	< .32	< .04
08-19-2013	--	--	--	--	--	--	--	--	--	--
09-03-2013	< .08	< .02	< .02	< .16	.01	< .16	< .16	.025	< .32	< .04
09-17-2013	--	--	--	--	--	--	--	--	--	--

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Begin date	Triphenyl phosphate, water, unfiltered, recoverable, µg/L (62834)	Tris(2-butoxyethyl) phosphate, water, unfiltered, recoverable, µg/L (62830)	Tris(2-chloroethyl) phosphate, water, unfiltered, recoverable, µg/L (62831)	Tris(dichloroisopropyl) phosphate, water, unfiltered, recoverable, µg/L (61707)	Suspended sediment concentration, mg/L (80154)
04-14-2013	--	--	--	--	336
04-16-2013	< .08	< .64	< .16	< .32	--
05-08-2013	< .08	E .39	< .16	.13	--
05-20-2013	--	--	--	--	--
05-31-2013	--	--	--	--	--
06-01-2013	--	--	--	--	110
06-03-2013	< .08	E .26	< .16	< .32	36
06-14-2013	--	--	--	--	387
06-14-2013	--	--	--	--	312
06-15-2013	--	--	--	--	168
06-17-2013	--	--	--	--	48
07-01-2013	< .08	E .07	< .16	< .32	62
07-17-2013	--	--	--	--	--
08-06-2013	< .08	E .12	< .16	< .32	--
08-19-2013	--	--	--	--	--
09-03-2013	< .08	E .39	< .16	< .32	14
09-17-2013	--	--	--	--	16