Water-Data Report 2012

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY

Oswego Basin
Oswego Subbasin

LOCATION.--Lat 43°27′06″, long 76°30′19″ referenced to North American Datum of 1983, Oswego County, NY, Hydrologic Unit 04140203, on right bank at New York State Barge Canal (Oswego Canal) Lock 7 in Oswego, 0.8 mi upstream from mouth.

DRAINAGE AREA.--5,100 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1900 to April 1906, October 1933 to current year. Monthly discharge only for some periods, published in WSP 1307. Prior to January 1904, published as "above Minetto" or "near Minetto." January 1904 to April 1906, published as "at Battle Island." Records for April 1897 to September 1900, published in WSP 65 and for October 1927 to September 1928, published in WSP 644, have been found to be unreliable and should not be used.

REVISED RECORDS.--WDR NY 78-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 245.12 ft above NGVD of 1929. Prior to 1933, nonrecording gage at site about 6 mi upstream at different datum.

COOPERATION.--Records of lockages at Lock 7 furnished by New York State Thruway Authority, record of elevations of Lake Ontario by U.S. Army Corps of Engineers, daily discharge records for Oswego River High Dam upstream by Niagara Mohawk Power Corp.

REMARKS.--Records good. No estimated daily discharges. Prior to 1933 and subsequent to 1972, flow in Oswego (Barge) Canal not included. A large amount of natural storage and some artificial regulation is afforded by the many large lakes and the Erie (Barge) and Oswego (Barge) Canal systems in the river basin. Large diurnal fluctuations at low and medium flow caused by powerplants upstream from station. Oswego River basin receives water from Erie (Barge) Canal through Lock 32 near Pittsford. Water may be diverted into or received from Mohawk River basin through Erie (Barge) Canal between New London and Utica. During part of year, entire flow from 45.5 mi^2 of Mud Creek drainage area may be diverted from Chemung River basin into Keuka Lake in Oswego River basin. Nearly all of the flow from 14 mi^2 of the Tioughnioga River basin may be diverted into De Ruyter Reservoir, in Oswego River basin. Telephone and satellite gage-height telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37,500 ft^3/s, Mar. 28, 1936, includes daily mean discharge of canals; maximum gage height, 13.46 ft, Apr. 10, 1940; minimum discharge (river only), 30 ft^3/s, Nov. 6, 1944.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18,900 ft^3/s, Jan. 28, gage height, 8.82 ft; minimum discharge, 291 ft^3/s, July 22, Aug. 1, gage height, 1.62 ft.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10,200	7,980	13,700	11,800	15,900	7,450	2,160	3,730	8,040	1,230	400	685
2	9,290	9,440	13,000	11,500	16,000	8,610	2,240	5,970	7,140	1,500	479	346
3	9,490	9,380	12,900	11,100	15,300	10,200	2,160	7,390	6,830	1,760	693	1,350
4	9,270	8,810	12,700	10,800	14,700	9,890	2,160	7,300	6,650	1,520	1,750	1,000
5	7,880	8,400	12,000	10,600	13,800	9,090	2,230	9,420	4,040	651	1,590	1,060
6	6,100	6,920	12,200	10,600	12,800	7,800	2,120	8,850	3,650	431	546	1,120
7	4,490	6,200	12,300	10,700	12,500	7,230	1,690	8,140	2,400	448	922	1,400
8	3,910	4,760	12,200	10,600	12,700	6,230	1,480	9,970	1,630	516	525	1,390
9	3,830	4,510	12,200	9,820	12,000	6,050	1,210	11,500	2,010	1,320	835	1,300
10	4,120	2,840	12,100	8,960	11,100	6,280	1,070	11,800	1,920	1,800	1,820	1,250
11	3,970	3,240	12,000	9,240	11,300	7,610	1,360	10,300	4,120	1,170	1,170	1,210
12	6,360	4,120	11,700	10,600	10,900	7,340	2,110	10,200	4,890	1,410	1,250	914
13	5,890	4,680	10,800	12,600	10,600	7,050	1,780	9,190	4,840	1,220	982	1,130
14	4,280	6,120	10,300	13,300	10,300	5,800	1,340	8,210	4,790	617	744	886
15	4,560	9,560	10,600	12,900	10,000	6,010	1,530	4,890	4,470	456	846	912
16	6,060	10,800	11,100	12,600	9,650	6,000	1,590	3,610	3,900	1,520	2,030	1,040
17	7,960	11,100	11,500	11,900	8,740	4,940	954	4,180	3,170	1,860	1,470	925
18	9,390	11,200	11,500	12,700	7,710	4,900	986	2,660	2,470	1,270	1,170	1,280
19	8,700	11,500	11,900	13,300	7,760	4,940	2,380	1,650	2,160	1,150	971	2,220
20	6,440	8,440	12,000	13,600	7,740	4,630	3,950	2,480	2,130	1,120	1,010	1,150
21	7,990	5,600	11,700	12,300	7,750	4,350	3,600	3,330	2,240	604	1,050	1,160
22	8,470	6,130	11,000	11,000	7,180	4,550	2,620	3,650	2,500	294	824	1,070
23	8,250	10,400	12,100	11,900	6,750	5,480	6,800	4,840	2,420	363	1,370	945
24	7,150	13,000	13,000	12,100	6,380	5,310	9,410	6,940	2,340	860	1,020	1,260
25	6,210	12,800	12,500	11,700	5,730	4,800	10,500	3,880	1,820	1,390	1,200	1,020
26	7,340	12,800	11,800	11,900	5,850	3,480	11,000	3,650	1,420	1,670	1,160	973
27	9,530	12,300	11,500	13,500	6,030	2,840	9,730	3,210	1,680	1,770	1,010	1,340
28	11,100	11,800	12,000	17,300	6,950	2,600	7,840	2,700	1,510	1,530	1,820	1,320
29	12,000	12,400	11,800	17,200	7,570	2,090	5,650	2,920	840	1,560	1,570	1,250
30	11,000	13,200	11,900	16,800	---	1,670	3,750	4,930	853	1,600	927	967
31	8,900	---	11,800	16,300	---	1,730	---	4,460	---	1,070	867	---
Total	230,130	260,430	369,800	381,220	291,690	176,950	107,400	185,950	98,873	35,680	34,021	33,873
Mean	7,424	8,681	11,930	12,300	10,060	5,708	3,580	5,998	3,296	1,151	1,097	1,129
Max	12,000	13,200	13,700	17,300	16,000	10,200	11,000	11,800	8,040	1,860	2,030	2,220
Min	3,830	2,840	10,300	8,960	5,730	1,670	954	1,650	840	294	400	346

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1934 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,133	6,420	8,906	8,297	8,063	11,720	13,020	8,201	5,054	3,437	2,555	2,801
Max	17,950	16,070	17,920	16,970	15,130	21,720	30,250	20,350	17,000	19,660	8,951	12,360
(WY)	(1978)	(1978)	(1978)	(1998)	(1976)	(1979)	(1993)	(1943)	(1947)	(1972)	(1992)	(2004)
Min	1,173	1,167	2,917	2,610	2,547	3,914	2,757	1,993	1,383	1,113	836	760
(WY)	(1940)	(1965)	(1940)	(1963)	(1963)	(1983)	(1995)	(1995)	(1995)	(1995)	(1934)	(1995)

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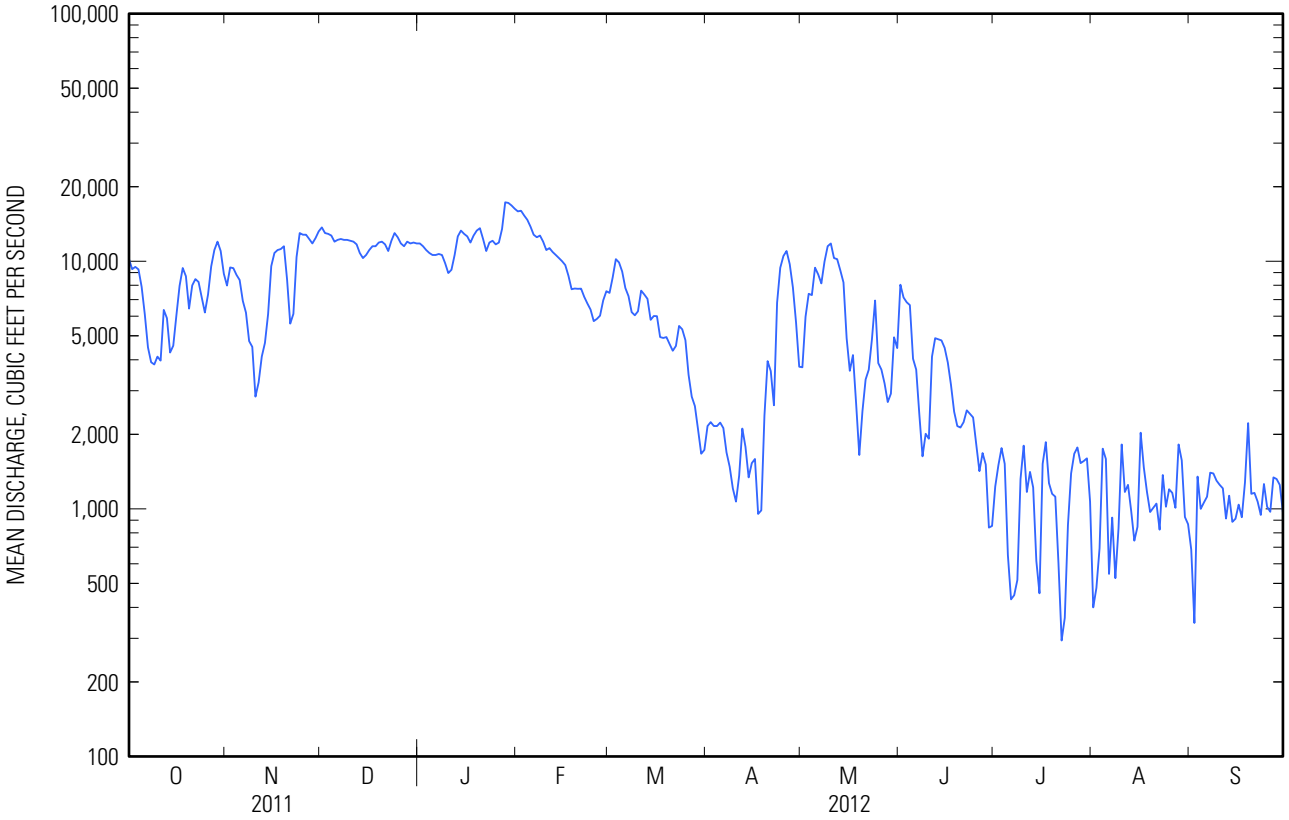
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1934 - 2012	
Annual total	3,589,150		2,206,017			
Annual mean	9,833		6,027		6,913	
Highest annual mean					11,030	1976
Lowest annual mean					3,433	1965
Highest daily mean	27,800	Apr 29	17,300	Jan 28	37,000	Mar 28, 1936
Lowest daily mean	970	Sep 2	294	Jul 22	261	Sep 18, 1985
Annual seven-day minimum	1,240	Jul 21	809	Jul 18	697	Sep 4, 1995
10 percent exceeds	20,700		12,200		14,700	
50 percent exceeds	8,800		4,940		5,380	
90 percent exceeds	2,060		985		1,580	



WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2011 to current year.
CHEMICAL DATA: Water years 2011 (c), 2012 (e).
NUTRIENT DATA: Water years 2011 (c), 2012 (e).
BIOLOGICAL DATA: Water years 2011 (b).
INORGANIC DATA: Water years 2011 (c), 2012 (e).
ORGANIC DATA: Water years 2011 (c), 2012 (d).
SEDIMENT DATA: Water years 2011 (c), 2012 (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 July 2010. A YSI 6920-V2 continuous monitor with water temperature, specific conductance, pH, dissolved oxygen and turbidity since December 2010 provides 15-minute-interval readings.

REMARKS.--YSI 6920-V2 turbidity record is subject to low end adjustments when values are below zero and 0.0 FNU may have occurred on days of missing record or instrument malfunction.

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, 29.5°C, July 17, 2012; minimum, -0.1°C, on several days during winter period.
SPECIFIC CONDUCTANCE: Maximum, 1,080 µS/cm @ 25°C, Feb. 20, 2011; minimum, 388 µS/cm @ 25°C, May 2, 2011.
pH: Maximum, 9.2, on several days; minimum, 7.3, Jun. 28, 2012.
DISSOLVED OXYGEN: Maximum, 15.9 mg/L, Feb. 26, 28, Apr. 17, 2012; minimum, 3.3 mg/L, Aug. 6, 2012.
TURBIDITY: Maximum, 62 FNU, Sept. 7, 2011; minimum, 0.0 FNU, Sept. 14, 2012 [0.0 FNU may have occurred on days of missing record or instrument malfunction].

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.5°C, July 17; minimum, 0.0°C, Jan. 19, 20, 21, 22, 23.
SPECIFIC CONDUCTANCE: Maximum, 1,060 µS/cm @ 25°C, Sept. 28; minimum, 495 µS/cm @ 25°C, May 25.
pH: Maximum, 9.2 standard units, on several days; minimum, 7.3 standard units, June 28.
DISSOLVED OXYGEN: Maximum, 15.9 mg/L, Feb. 26, 28, Apr. 17; minimum, 3.3 mg/L, Aug. 6.
TURBIDITY: Maximum, 24 FNU, Jan. 31; minimum, 0.0 FNU, Sept. 14 [0.0 FNU may have occurred on days of missing record or instrument malfunction].

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	20.1	18.2	19.2	10.0	9.4	9.7	7.4	7.2	7.3	2.3	1.9	2.1
2	18.2	17.4	17.7	10.1	9.7	9.8	7.2	6.5	6.9	2.3	2.0	2.1
3	17.4	17.1	17.3	9.8	9.6	9.7	6.5	6.2	6.4	2.0	1.1	1.5
4	17.2	16.8	17.0	9.9	9.4	9.6	6.3	6.0	6.2	1.1	0.9	1.0
5	17.2	16.4	16.8	9.6	8.9	9.3	6.4	6.3	6.3	1.1	0.9	1.0
6	17.2	16.0	16.4	9.5	8.7	9.0	6.4	6.3	6.4	1.4	0.9	1.2
7	17.4	15.7	16.3	9.2	8.8	9.0	6.3	6.0	6.2	1.7	1.3	1.5
8	17.7	15.7	16.5	9.7	9.0	9.3	6.0	---	---	1.7	1.4	1.5
9	18.0	16.0	16.8	10.5	9.2	9.6	---	5.4	5.4	1.6	1.3	1.4
10	18.2	16.4	17.1	10.0	9.4	9.6	5.4	4.9	5.1	1.8	1.5	1.6
11	18.4	16.7	17.3	9.4	8.5	9.0	4.9	4.3	4.6	2.0	1.6	1.7
12	17.5	17.0	17.2	9.3	8.2	8.6	4.3	3.9	4.1	2.1	1.9	2.0
13	17.4	16.8	17.0	9.1	8.3	8.7	3.9	3.7	3.7	2.1	1.1	1.6
14	17.7	16.8	17.1	9.4	8.9	9.2	3.9	3.6	3.8	1.1	0.8	1.0
15	16.9	15.8	16.4	9.3	9.0	9.2	4.2	3.9	4.1	0.8	0.3	0.4
16	16.2	15.4	15.7	9.2	9.0	9.1	4.3	4.0	4.2	0.3	0.1	0.1
17	15.4	14.9	15.2	9.1	8.3	8.8	4.0	3.6	3.9	0.7	0.2	0.5
18	14.9	14.4	14.6	8.3	7.8	8.1	3.6	3.1	3.3	0.6	0.2	0.4
19	14.5	14.2	14.3	7.8	7.6	7.7	3.2	3.0	3.2	0.2	0.0	0.1
20	14.9	14.1	14.3	7.9	7.6	7.8	3.2	3.0	3.1	0.1	0.0	0.0
21	14.2	13.8	14.0	8.0	7.2	7.6	3.4	3.0	3.2	0.1	0.0	0.0
22	13.8	13.2	13.5	7.3	6.9	7.1	3.5	3.4	3.5	0.2	0.0	0.0
23	13.5	13.0	13.3	7.0	6.4	6.7	3.5	3.3	3.5	0.3	0.0	0.1
24	13.0	12.6	12.8	6.4	6.1	6.2	3.3	3.0	3.2	0.8	0.3	0.6
25	12.8	12.4	12.5	6.3	6.1	6.2	3.0	2.9	2.9	0.8	0.8	0.8
26	12.5	12.3	12.5	6.4	6.2	6.3	3.0	2.8	3.0	1.1	0.8	0.9
27	12.3	11.4	11.9	6.8	6.4	6.6	2.8	2.6	2.7	1.2	1.1	1.2
28	11.4	10.9	11.1	6.9	6.8	6.9	2.7	1.9	2.4	1.3	1.1	1.2
29	10.9	10.2	10.5	7.5	6.9	7.1	1.9	1.6	1.7	1.2	0.9	1.1
30	10.2	9.9	10.0	7.6	7.3	7.5	1.8	1.6	1.6	1.1	0.3	0.7
31	9.9	9.5	9.7	---	---	---	1.9	1.7	1.8	1.4	0.7	1.1
Month	20.1	9.5	14.9	10.5	6.1	8.3	---	---	---	2.3	0.0	1.0

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

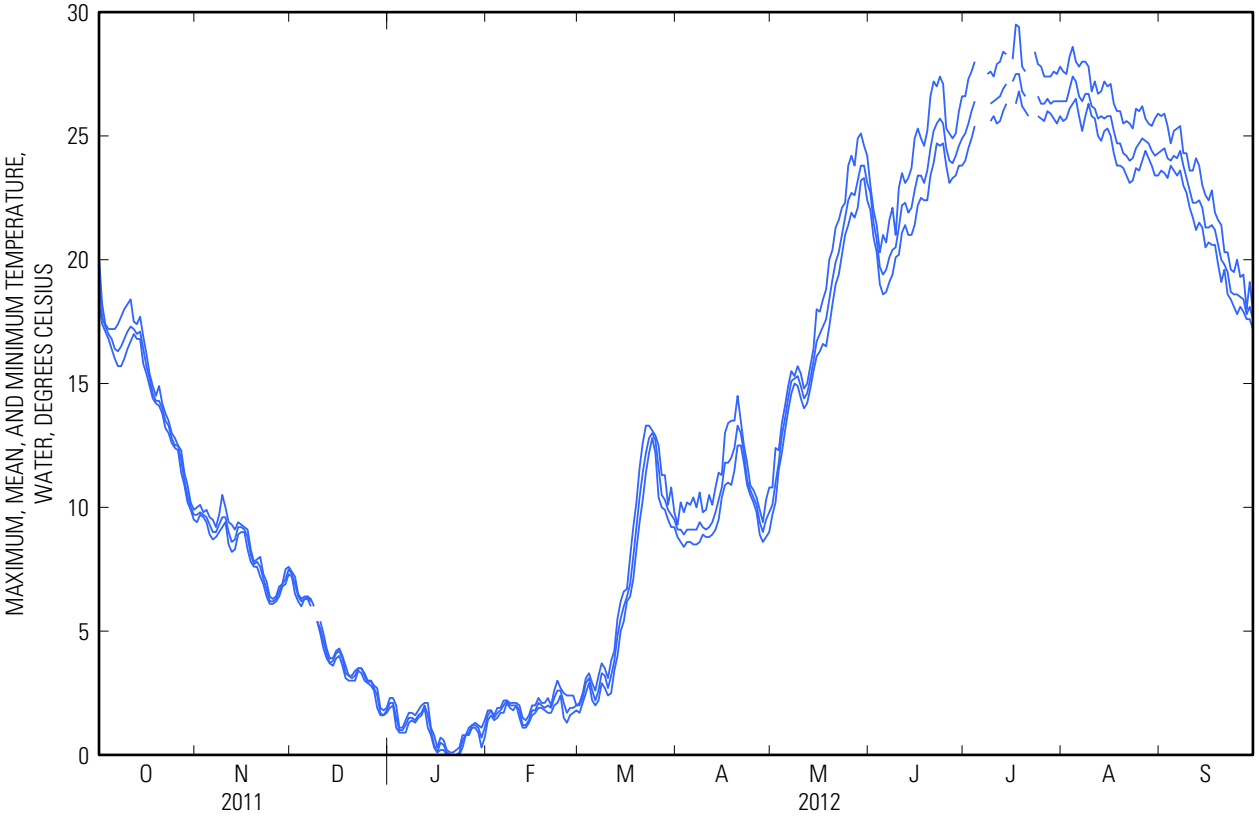
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	1.8	1.4	1.6	2.1	1.7	2.0	9.3	8.8	9.1	10.8	9.7	10.1
2	1.8	1.6	1.8	2.5	2.1	2.3	10.2	8.6	9.1	12.4	10.2	11.0
3	1.6	1.4	1.5	3.1	2.5	2.9	9.8	8.4	8.9	12.3	11.5	11.8
4	1.9	1.5	1.7	3.3	2.9	3.1	10.2	8.6	9.1	13.4	12.2	12.9
5	1.9	1.7	1.8	2.9	2.2	2.6	10.1	8.6	9.1	14.1	13.1	13.6
6	2.2	1.7	2.0	2.6	2.0	2.2	10.4	8.5	9.1	14.9	13.9	14.4
7	2.2	2.1	2.2	3.2	2.2	2.6	10.0	8.5	9.1	15.5	14.6	15.1
8	2.1	1.9	2.0	3.7	2.9	3.3	10.6	8.6	9.4	15.3	15.0	15.2
9	2.1	1.8	2.0	3.5	2.7	3.2	9.8	8.9	9.2	15.7	14.9	15.3
10	2.1	2.0	2.0	3.1	2.4	2.7	9.9	8.8	9.1	15.4	14.4	14.9
11	2.0	1.5	1.8	3.8	2.5	3.2	10.5	8.8	9.2	14.8	14.0	14.4
12	1.5	1.1	1.2	4.2	3.4	3.8	10.1	8.9	9.4	15.0	14.2	14.6
13	1.4	1.1	1.2	5.5	4.0	4.8	10.8	9.1	9.8	15.7	14.8	15.2
14	1.6	1.3	1.4	6.2	5.0	5.5	11.4	9.5	10.3	16.4	15.5	15.9
15	2.0	1.6	1.8	6.6	5.4	6.0	11.3	10.4	10.8	18.0	16.1	16.7
16	2.0	1.7	1.8	6.7	6.2	6.4	13.0	10.9	11.8	17.9	16.3	17.0
17	2.3	1.9	2.1	8.0	6.4	6.9	13.4	11.0	11.8	18.4	16.6	17.3
18	2.1	1.9	2.0	9.2	7.1	8.0	13.5	10.9	12.0	18.8	16.5	17.6
19	2.1	1.8	1.9	10.2	8.3	9.2	13.5	11.5	12.4	20.0	17.3	18.4
20	2.3	1.7	2.0	11.6	9.4	10.4	14.5	12.5	13.3	20.4	18.2	19.2
21	2.0	1.7	1.9	12.6	10.3	11.4	13.5	12.5	13.0	21.3	19.0	19.9
22	2.6	2.0	2.3	13.3	11.4	12.2	12.5	11.8	12.2	21.6	19.4	20.3
23	3.0	2.1	2.6	13.3	12.2	12.8	11.8	10.9	11.1	22.1	20.2	21.0
24	2.7	2.4	2.6	13.1	12.8	13.0	10.9	10.5	10.7	22.3	21.0	21.7
25	2.5	1.5	2.1	12.9	12.2	12.7	10.7	10.2	10.4	23.8	21.4	22.4
26	2.4	1.3	1.7	12.5	10.4	11.6	10.4	9.8	10.1	24.2	21.9	22.7
27	2.4	1.6	1.9	11.3	10.0	10.5	9.9	8.9	9.4	23.8	21.7	22.6
28	2.4	1.7	1.9	11.3	9.9	10.3	9.4	8.6	9.0	24.9	22.1	23.2
29	2.0	1.8	2.0	10.1	9.5	9.9	10.3	8.8	9.5	25.1	23.2	23.8
30	---	---	---	10.8	9.2	9.7	10.8	9.0	9.8	24.6	23.3	23.8
31	---	---	---	9.8	9.2	9.5	---	---	---	24.2	22.4	23.1
Month	3.0	1.1	1.9	13.3	1.7	6.9	14.5	8.4	10.2	25.1	9.7	17.6

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	23.0	22.0	22.7	26.6	24.0	25.1	27.6	25.6	26.4	25.8	23.6	24.4
2	22.0	20.9	21.5	27.3	24.5	25.5	27.5	25.7	26.4	25.9	23.5	24.5
3	21.4	20.3	20.8	27.6	24.9	26.0	28.2	26.1	26.9	25.4	23.3	24.1
4	20.3	19.0	19.7	28.0	25.4	26.4	28.6	26.3	27.4	24.7	23.8	24.0
5	21.0	18.6	19.4	---	---	---	28.0	26.5	27.2	25.2	23.6	24.2
6	20.7	18.7	19.6	---	---	---	27.8	25.8	26.6	25.3	23.4	24.1
7	21.6	19.1	20.1	---	---	---	28.0	25.2	26.4	25.4	23.6	24.4
8	22.1	19.4	20.4	27.5	---	---	28.0	25.8	26.7	24.3	23.0	23.8
9	21.0	20.1	20.5	27.6	25.6	26.3	27.8	26.3	26.7	24.3	22.7	23.3
10	22.9	20.2	21.3	27.4	25.8	26.4	26.8	25.8	26.2	23.6	22.1	22.8
11	23.5	21.1	22.2	27.9	25.5	26.5	27.2	25.7	26.1	23.6	21.7	22.3
12	23.1	21.4	22.3	28.0	25.6	26.6	26.7	25.0	25.7	24.1	21.2	22.3
13	23.3	21.0	21.9	28.4	26.0	26.9	26.8	24.8	25.8	23.8	21.5	22.4
14	23.7	21.0	22.1	28.3	26.3	27.1	27.2	25.2	25.7	23.0	21.3	22.1
15	24.9	21.4	22.8	---	---	---	27.0	25.3	25.8	22.6	20.5	21.3
16	25.3	22.2	23.4	28.1	---	27.2	27.1	25.0	25.8	22.4	20.7	21.3
17	24.9	22.5	23.4	29.5	26.3	27.5	26.3	24.3	25.2	22.8	20.6	21.4
18	24.6	22.4	23.1	29.4	26.8	27.5	26.0	23.8	24.7	21.9	20.6	21.2
19	25.2	22.4	23.6	27.8	26.2	26.8	26.0	23.8	24.7	21.6	19.8	20.6
20	26.6	23.4	24.5	27.6	26.0	26.6	25.5	23.7	24.3	21.4	19.1	20.0
21	27.2	23.9	25.2	---	25.8	---	25.6	23.4	24.2	20.3	19.6	19.8
22	27.0	24.7	25.5	---	---	---	25.5	23.1	24.0	20.3	18.6	19.5
23	27.4	24.6	25.7	28.4	---	---	25.3	23.2	24.1	19.6	18.4	18.7
24	27.1	24.7	25.5	27.9	25.8	26.6	26.1	23.7	24.5	19.5	18.1	18.6
25	25.3	23.8	24.5	27.8	25.7	26.3	26.0	23.6	24.7	20.0	17.8	18.6
26	25.1	23.1	24.0	27.4	25.6	26.3	26.2	24.0	24.9	19.3	18.1	18.5
27	24.9	23.3	23.9	27.4	26.0	26.5	25.7	24.4	24.8	19.4	17.9	18.4
28	25.1	23.4	24.2	27.4	25.9	26.3	25.5	24.1	24.7	18.0	17.6	17.8
29	26.0	23.8	24.6	27.6	25.7	26.4	25.4	23.8	24.4	19.1	17.6	18.1
30	26.6	23.8	24.9	27.5	25.5	26.4	25.7	23.4	24.2	17.9	17.2	17.6
31	---	---	---	27.8	25.8	26.4	25.9	23.4	24.3	---	---	---
Month	27.4	18.6	22.8	---	---	---	28.6	23.1	25.5	25.9	17.2	21.3

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued



04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	610	558	589	648	608	626	599	565	574	580	570	574
2	606	525	556	699	636	673	608	575	597	595	579	583
3	576	514	535	636	566	587	576	559	564	610	595	604
4	576	525	546	586	571	580	570	566	568	608	583	599
5	619	532	561	597	567	583	570	566	568	584	567	572
6	622	597	607	620	567	595	569	542	551	582	571	577
7	652	609	630	637	620	631	548	544	546	580	562	571
8	673	649	660	652	628	636	---	546	---	569	562	565
9	766	673	708	676	652	669	566	---	---	573	567	570
10	779	732	759	672	665	670	566	559	564	591	568	581
11	735	704	721	665	643	654	576	558	565	588	527	543
12	741	684	698	658	642	653	585	576	583	535	520	527
13	745	608	666	654	630	644	588	584	586	571	508	521
14	612	565	582	676	629	641	593	566	587	634	571	599
15	673	569	616	676	596	645	566	520	537	635	609	619
16	681	657	667	635	596	613	522	504	513	614	604	610
17	687	634	666	638	577	598	531	502	511	633	605	615
18	634	562	585	598	579	591	533	528	530	642	549	610
19	570	548	559	579	564	571	538	528	533	609	548	571
20	577	551	571	675	579	631	592	538	551	609	597	607
21	755	577	681	688	674	683	604	592	599	655	595	621
22	686	592	621	684	661	679	592	577	584	663	603	647
23	625	573	600	661	551	589	577	528	548	603	576	587
24	619	573	594	609	549	571	618	529	544	648	602	618
25	665	619	647	622	596	611	641	602	626	649	589	628
26	684	650	663	596	581	586	603	594	596	589	567	577
27	683	612	643	590	585	588	595	568	591	569	563	566
28	613	565	584	585	557	570	568	538	546	568	519	540
29	603	571	592	557	515	542	576	541	555	616	544	591
30	602	547	567	565	515	531	577	562	570	616	577	601
31	634	601	615	---	---	---	570	562	565	604	571	588
Month	779	514	622	699	515	615	---	---	---	663	508	587

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

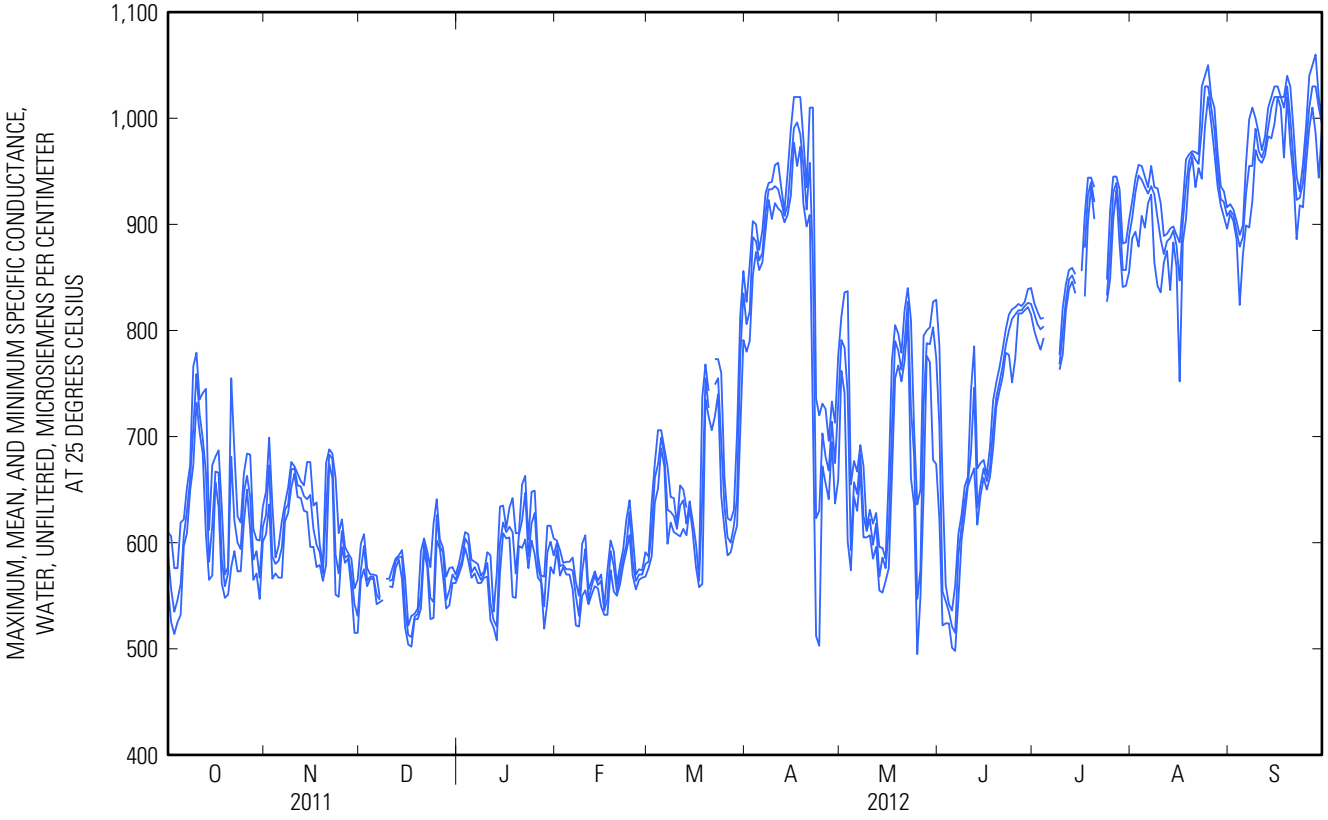
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	602	593	600	587	576	582	827	780	806	813	762	791
2	593	569	578	638	587	611	862	790	818	836	741	784
3	581	577	579	675	638	661	903	852	888	837	601	740
4	582	570	575	706	651	674	900	874	884	655	574	593
5	582	570	575	706	689	699	876	857	866	677	643	657
6	586	556	574	689	672	683	894	864	873	667	630	646
7	563	522	550	672	599	631	929	894	911	692	667	683
8	550	521	531	643	619	629	939	923	933	672	605	625
9	599	550	572	642	610	625	940	905	933	614	605	611
10	607	555	594	617	608	613	956	920	936	631	607	622
11	556	542	546	654	606	635	958	915	933	618	585	598
12	564	551	559	650	613	640	934	912	921	628	596	618
13	573	559	569	633	607	618	913	902	908	596	555	568
14	564	557	560	---	633	639	949	909	918	595	553	586
15	570	540	564	---	609	620	989	927	956	585	564	576
16	540	532	536	---	577	599	1,020	977	991	664	576	614
17	574	532	547	578	558	564	1,020	955	996	772	664	709
18	602	574	592	737	561	642	1,020	973	985	805	755	790
19	592	554	578	768	735	755	980	919	955	797	767	781
20	561	550	553	743	719	727	935	898	914	779	752	763
21	579	561	570	---	706	---	1,010	909	958	819	771	789
22	594	579	586	773	719	749	1,010	715	865	840	810	827
23	622	592	598	773	740	755	736	512	623	810	661	727
24	640	607	629	760	644	695	720	503	630	707	636	682
25	607	569	582	662	613	635	731	672	703	636	495	547
26	570	556	564	623	588	605	726	656	681	650	548	574
27	575	565	570	621	591	600	696	641	668	795	646	730
28	574	567	570	631	605	616	733	695	714	800	776	788
29	591	568	580	704	616	643	713	637	675	803	770	787
30	---	---	---	813	704	774	776	659	731	827	678	803
31	---	---	---	856	791	835	---	---	---	829	674	774
Month	640	521	572	---	558	---	1,020	503	852	840	495	690

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	786	622	710	826	800	816	922	887	906	919	910	913
2	656	522	554	818	790	806	943	893	930	914	903	909
3	560	524	545	811	782	801	956	879	946	903	886	893
4	542	524	535	812	793	804	955	908	942	890	824	879
5	536	501	521	---	---	---	945	897	935	899	871	888
6	560	498	515	---	---	---	935	920	929	958	899	929
7	608	546	588	---	---	---	955	928	936	999	897	955
8	626	602	615	---	---	---	935	864	928	1,010	922	955
9	653	626	639	777	763	768	934	842	906	1,000	970	990
10	662	653	656	821	777	798	920	836	886	986	961	969
11	743	662	685	843	818	828	889	864	872	970	958	963
12	785	670	746	857	839	848	891	875	884	983	965	972
13	670	617	633	859	846	852	896	838	887	1,010	983	991
14	675	644	654	853	835	844	898	883	894	1,020	981	1,010
15	678	661	670	---	---	---	890	860	880	1,030	995	1,020
16	664	650	658	856	---	---	883	752	847	1,030	1,020	1,020
17	690	662	671	909	832	878	919	883	902	1,020	1,010	1,020
18	734	689	707	944	903	928	961	905	936	1,020	963	1,010
19	751	728	737	944	935	940	966	949	960	1,040	1,020	1,030
20	765	743	751	935	905	921	969	963	967	1,030	975	1,000
21	782	756	766	---	---	---	968	935	961	990	945	960
22	801	779	786	---	---	---	966	953	957	945	886	923
23	815	777	800	---	---	---	1,030	943	989	931	918	925
24	820	751	811	848	827	833	1,040	992	1,030	957	916	939
25	822	774	815	913	848	874	1,050	1,020	1,030	993	957	976
26	825	816	819	945	905	930	1,020	995	1,010	1,040	991	1,010
27	823	816	819	945	932	939	1,010	967	989	1,050	1,010	1,030
28	827	819	823	933	881	909	968	936	951	1,060	986	1,030
29	839	822	826	882	841	857	936	918	924	1,020	944	1,010
30	840	815	825	883	842	857	931	907	921	1,000	990	995
31	---	---	---	904	855	889	916	896	908	---	---	---
Month	840	498	696	---	---	---	1,050	752	934	1,060	824	970

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued



04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		October			November			December			January	
1	8.0	8.0	8.0	8.1	8.0	8.1	8.1	8.1	8.1	---	---	---
2	8.2	8.0	8.0	8.1	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2
3	8.2	7.9	8.0	8.1	8.0	8.1	8.1	8.1	8.1	8.3	8.2	8.2
4	8.2	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.3	8.2	8.2
5	8.3	7.9	8.0	8.2	8.1	8.1	8.1	8.1	8.1	8.3	8.2	8.2
6	8.4	7.8	8.0	8.4	8.1	8.1	8.1	8.1	8.1	8.3	8.2	8.2
7	8.4	7.8	7.9	8.2	8.0	8.1	8.1	8.1	8.1	8.3	8.2	8.2
8	8.5	7.8	7.9	8.4	8.0	8.0	---	---	---	8.3	8.2	8.2
9	8.6	7.8	7.9	8.4	8.0	8.0	---	---	---	8.3	8.2	8.2
10	8.6	7.8	7.9	8.4	7.9	8.0	8.2	8.1	8.1	8.3	8.2	8.2
11	8.7	7.8	7.9	8.2	7.9	8.0	8.2	8.2	8.2	8.3	8.2	8.2
12	8.4	7.9	8.1	8.4	8.0	8.0	8.2	8.2	8.2	8.3	8.2	8.2
13	8.5	7.8	8.1	8.4	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2
14	8.5	7.9	7.9	8.2	8.0	8.1	8.2	8.2	8.2	8.2	8.2	8.2
15	8.5	7.9	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.1	8.2
16	8.5	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.1	8.1
17	8.3	8.0	8.0	8.1	8.1	8.1	8.3	8.2	8.2	8.1	8.1	8.1
18	---	---	---	8.2	8.1	8.1	8.3	8.2	8.2	8.1	8.1	8.1
19	8.1	8.0	8.0	8.2	8.1	8.1	8.3	8.2	8.2	8.1	8.1	8.1
20	8.3	8.0	8.0	---	---	---	8.3	8.2	8.2	8.1	8.1	8.1
21	8.1	8.0	8.0	8.3	8.1	8.1	8.2	8.2	8.2	8.1	8.1	8.1
22	8.0	8.0	8.0	8.3	8.1	8.1	8.3	8.2	8.2	8.1	8.0	8.1
23	---	---	---	8.1	8.1	8.1	8.2	8.2	8.2	8.1	8.0	8.0
24	8.1	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.0	8.0	8.0
25	8.1	8.0	8.0	8.1	8.1	8.1	8.3	8.2	8.2	8.0	8.0	8.0
26	8.0	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.1	8.0	8.0
27	8.0	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.0	8.0	8.0
28	8.1	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.0	7.9	8.0
29	8.1	8.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.0	8.0	8.0
30	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.0	8.0	8.0
31	8.1	8.0	8.1	---	---	---	8.2	8.2	8.2	8.0	8.0	8.0
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

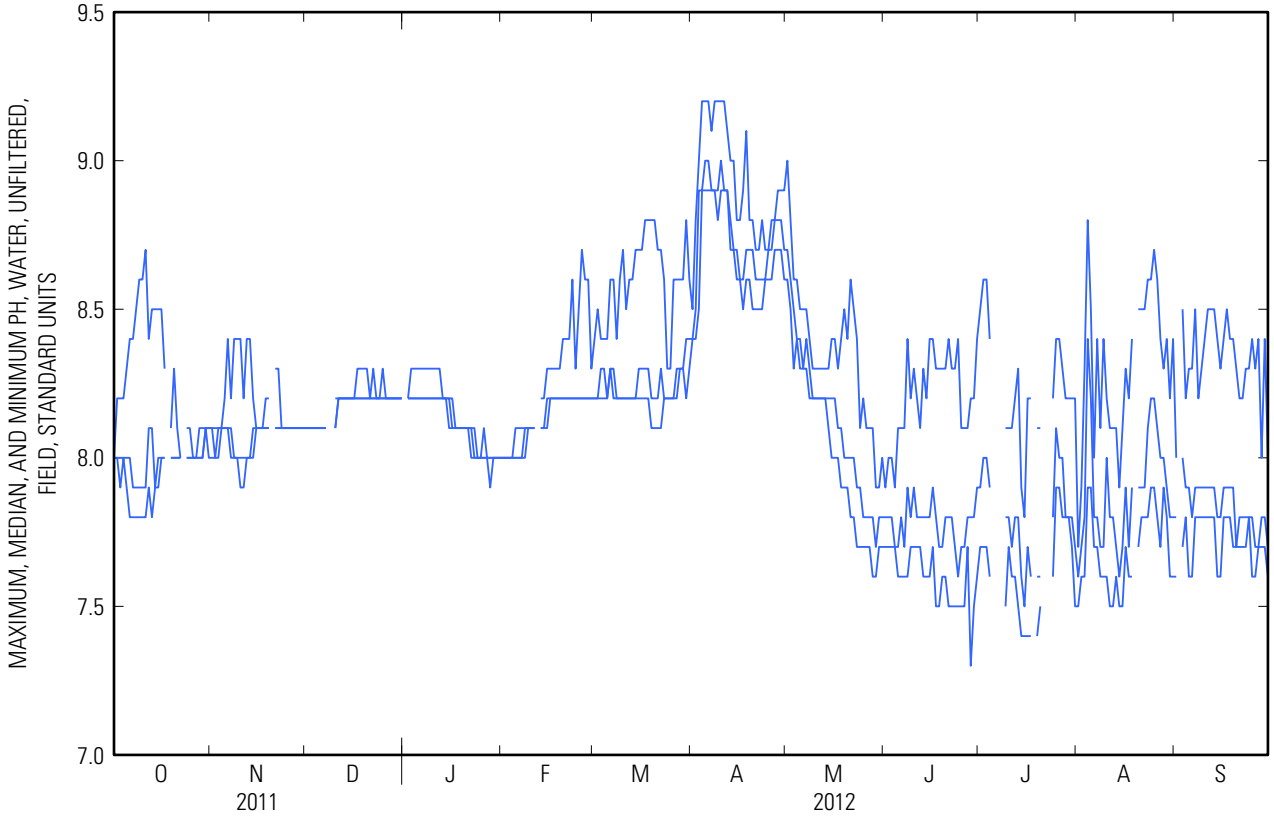
Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		February			March			April			May	
1	8.0	8.0	8.0	8.4	8.2	8.2	8.5	8.4	8.4	9.0	8.6	8.7
2	8.0	8.0	8.0	8.5	8.2	8.2	8.8	8.4	8.5	8.8	8.5	8.6
3	8.0	8.0	8.0	8.4	8.2	8.3	9.0	8.5	8.9	8.6	8.3	8.5
4	8.0	8.0	8.0	8.4	8.2	8.3	9.2	8.9	8.9	8.6	8.4	8.4
5	8.1	8.0	8.0	8.4	8.2	8.2	9.2	8.9	9.0	8.5	8.3	8.4
6	8.1	8.0	8.0	8.6	8.3	8.3	9.2	8.9	9.0	8.5	8.3	8.3
7	8.1	8.0	8.0	8.6	8.2	8.3	9.1	8.9	8.9	8.5	8.3	8.4
8	8.1	8.0	8.1	8.4	8.2	8.2	9.2	8.9	8.9	8.4	8.2	8.3
9	8.1	8.1	8.1	8.6	8.2	8.2	9.2	8.8	8.9	8.3	8.2	8.2
10	8.1	8.1	8.1	8.7	8.2	8.2	9.2	8.9	9.0	8.3	8.2	8.2
11	8.1	8.1	8.1	8.5	8.2	8.2	9.2	8.9	8.9	8.3	8.2	8.2
12	---	---	---	8.6	8.2	8.2	9.1	8.9	8.9	8.3	8.2	8.2
13	8.2	8.1	8.1	8.6	8.2	8.2	9.0	8.7	8.8	8.3	8.2	8.2
14	8.2	8.1	8.1	8.7	8.2	8.2	9.0	8.7	8.7	8.3	8.1	8.2
15	8.3	8.1	8.2	8.7	8.2	8.3	8.8	8.6	8.7	8.4	8.0	8.2
16	8.3	8.2	8.2	8.7	8.2	8.3	8.8	8.6	8.6	8.4	8.0	8.2
17	8.3	8.2	8.2	8.8	8.2	8.3	8.9	8.5	8.6	8.3	8.0	8.1
18	8.3	8.2	8.2	8.8	8.2	8.3	9.1	8.6	8.7	8.4	7.9	8.1
19	8.3	8.2	8.2	8.8	8.1	8.2	8.8	8.6	8.7	8.5	7.9	8.0
20	8.4	8.2	8.2	8.8	8.1	8.2	8.8	8.5	8.7	8.4	7.9	8.0
21	8.4	8.2	8.2	8.7	8.1	8.2	8.7	8.5	8.6	8.6	7.8	8.0
22	8.4	8.2	8.2	8.7	8.1	8.3	8.7	8.5	8.6	8.5	7.8	8.0
23	8.6	8.2	8.2	8.6	8.2	8.2	8.8	8.5	8.6	8.4	7.7	7.9
24	8.3	8.2	8.2	8.3	8.2	8.2	8.7	8.6	8.6	8.1	7.7	7.9
25	8.5	8.2	8.2	8.3	8.2	8.2	8.7	8.6	8.7	8.2	7.7	7.8
26	8.7	8.2	8.2	8.6	8.2	8.2	8.8	8.6	8.7	8.1	7.7	7.8
27	8.6	8.2	8.2	8.6	8.2	8.3	8.8	8.7	8.8	8.1	7.7	7.8
28	8.6	8.2	8.2	8.6	8.3	8.3	8.9	8.7	8.8	8.1	7.6	7.8
29	8.3	8.2	8.2	8.6	8.3	8.3	8.9	8.7	8.8	7.9	7.6	7.7
30	---	---	---	8.8	8.2	8.4	8.9	8.6	8.7	7.9	7.7	7.8
31	---	---	---	8.6	8.3	8.4	---	---	---	8.0	7.7	7.8
Max	---	---	---	8.8	8.3	8.4	9.2	8.9	9.0	9.0	8.6	8.7
Min	---	---	---	8.3	8.1	8.2	8.5	8.4	8.4	7.9	7.6	7.7

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		June			July			August			September	
1	7.9	7.7	7.8	8.5	7.7	7.9	7.7	7.5	7.6	8.0	7.6	7.8
2	8.0	7.7	7.8	8.6	7.7	8.0	7.9	7.6	7.7	---	---	---
3	8.0	7.7	7.8	8.6	7.7	8.0	8.3	7.6	7.8	8.5	7.7	8.0
4	7.9	7.7	7.7	8.4	7.6	7.9	8.8	7.9	8.4	8.2	7.8	7.9
5	8.1	7.6	7.7	---	---	---	8.5	7.9	8.2	8.3	7.6	7.9
6	8.1	7.6	7.8	---	---	---	8.0	7.7	7.8	8.3	7.6	7.8
7	8.1	7.6	7.7	---	---	---	8.4	7.7	7.8	8.5	7.8	7.9
8	8.4	7.6	7.9	---	---	---	8.1	7.6	7.7	8.2	7.8	7.9
9	8.2	7.7	7.8	8.1	7.5	7.8	8.4	7.6	7.7	8.3	7.8	7.9
10	8.3	7.7	7.9	8.1	7.7	7.8	8.2	7.6	8.0	8.4	7.8	7.9
11	8.2	7.7	7.8	8.1	7.6	7.7	8.1	7.5	7.8	8.5	7.8	7.9
12	8.1	7.7	7.8	8.2	7.6	7.8	8.1	7.5	7.8	8.5	7.8	7.9
13	8.3	7.6	7.8	8.3	7.5	7.8	8.1	7.6	7.7	8.5	7.8	7.9
14	8.2	7.6	7.8	7.9	7.4	7.6	7.9	7.5	7.6	8.4	7.6	7.8
15	8.4	7.6	7.8	7.8	7.4	7.5	8.1	7.5	7.7	8.3	7.6	7.8
16	8.4	7.7	7.9	8.2	7.4	7.7	8.3	7.7	7.9	8.4	7.8	7.9
17	8.3	7.5	7.8	8.2	7.4	7.6	8.2	7.6	7.7	8.5	7.8	7.9
18	8.3	7.5	7.7	---	---	---	8.4	7.6	7.9	8.4	7.8	7.9
19	8.3	7.6	7.7	8.1	7.4	7.6	---	---	---	8.4	7.7	7.9
20	8.3	7.6	7.8	8.1	7.5	7.6	8.5	7.7	7.9	8.3	7.7	7.7
21	8.4	7.5	7.8	---	---	---	8.5	7.8	7.9	8.2	7.7	7.8
22	8.3	7.5	7.8	---	---	---	8.5	7.8	7.9	8.2	7.7	7.8
23	8.3	7.5	7.7	---	---	---	8.6	7.8	8.1	8.3	7.7	7.8
24	8.4	7.5	7.6	8.2	7.6	7.8	8.6	7.9	8.2	8.3	7.8	7.8
25	8.1	7.5	7.7	8.4	7.9	8.1	8.7	7.9	8.2	8.4	7.6	7.8
26	8.1	7.5	7.7	8.4	7.9	8.0	8.6	7.8	8.1	8.3	7.6	7.7
27	8.1	7.7	7.8	8.3	7.8	8.0	8.4	7.7	8.0	8.4	7.7	7.7
28	8.2	7.3	7.8	8.2	7.8	7.8	8.3	7.9	8.0	8.0	7.7	7.8
29	8.2	7.5	7.8	8.2	7.8	7.8	8.4	7.8	7.9	8.4	7.7	7.8
30	8.4	7.6	7.9	8.2	7.7	7.8	8.2	7.6	7.8	8.0	7.6	7.7
31	---	---	---	8.2	7.5	7.7	8.4	7.6	7.8	---	---	---
Max	8.4	7.7	7.9	---	---	---	---	---	---	---	---	---
Min	7.9	7.3	7.6	---	---	---	---	---	---	---	---	---

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued



04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	9.2	8.7	9.0	11.6	11.2	11.4	12.7	12.5	12.6	14.7	14.1	14.4
2	9.6	9.2	9.3	11.6	11.2	11.4	12.9	12.6	12.7	14.4	14.1	14.2
3	9.8	9.1	9.5	11.5	11.2	11.3	13.2	12.9	13.0	14.9	14.3	14.6
4	10.0	9.4	9.6	11.7	11.2	11.4	13.1	12.9	13.0	15.2	14.6	14.8
5	10.2	9.1	9.6	11.9	11.4	11.6	12.9	12.8	12.8	15.1	14.5	14.7
6	11.1	8.7	9.7	12.8	11.4	11.7	12.9	12.7	12.8	15.0	14.3	14.6
7	11.4	8.6	9.8	12.0	11.0	11.5	12.8	12.7	12.8	14.8	14.3	14.4
8	12.1	8.7	9.9	12.7	10.8	11.5	---	12.8	---	15.1	14.4	14.6
9	12.6	8.6	10	12.7	10.4	11.3	---	13.1	---	15.1	14.2	14.6
10	13.0	8.6	10.0	12.7	10.2	11.1	13.5	13.1	13.3	14.9	14.1	14.3
11	13.3	8.3	10.0	12.4	10.4	11.1	13.8	13.4	13.6	14.9	14.0	14.3
12	10.9	8.4	9.4	13.0	10.9	11.6	14.0	13.6	13.7	14.4	13.9	14.1
13	11.4	8.2	9.6	13.0	10.8	11.5	14.0	13.6	13.8	14.7	14.0	14.3
14	11.5	8.3	9.1	12.0	10.9	11.3	13.9	13.4	13.6	15.1	14.7	14.9
15	11.2	8.4	9.3	11.7	11.1	11.4	13.4	13.2	13.3	15.6	15.1	15.4
16	11.5	8.9	9.7	11.8	11.5	11.7	13.7	13.1	13.5	15.6	15.2	15.4
17	10.4	9.3	9.7	12.0	11.7	11.8	14.0	13.5	13.7	15.2	14.7	15.0
18	10.3	9.7	10.0	12.4	11.9	12.2	14.3	13.7	14.0	15.4	14.7	15.1
19	10.2	9.5	9.9	12.5	12.0	12.3	14.1	13.9	13.9	15.5	15.2	15.3
20	10.8	9.4	9.8	12.1	11.8	11.9	14.4	14.0	14.1	15.7	15.2	15.5
21	10.2	9.8	9.9	13.2	11.7	12.1	14.0	13.7	13.9	15.7	15.3	15.5
22	10.3	9.9	10.1	12.9	11.8	12.1	14.1	13.6	13.7	15.7	15.3	15.4
23	10.6	10.1	10.3	12.8	11.9	12.3	14.2	13.7	13.9	15.4	15.1	15.2
24	10.5	10.1	10.2	13.0	12.8	12.9	14.4	14.1	14.2	15.1	14.9	15.0
25	10.9	10.0	10.4	13.0	12.8	12.9	14.4	14.0	14.1	15.1	14.9	15.0
26	10.3	10.1	10.2	13.0	12.8	12.9	14.3	13.9	14.1	15.2	14.7	14.9
27	10.9	10.2	10.5	12.8	12.6	12.7	14.3	13.8	14.0	14.8	14.6	14.7
28	11.4	10.9	11.2	12.7	12.6	12.6	14.4	13.8	14.1	15.0	14.8	14.9
29	11.6	11.2	11.4	12.6	12.3	12.5	14.8	14.4	14.6	15.0	14.9	14.9
30	11.8	11.4	11.6	12.5	12.2	12.3	14.8	14.5	14.6	15.5	14.9	15.2
31	11.7	11.3	11.5	---	---	---	14.7	14.4	14.5	15.3	14.7	15.0
Month	13.3	8.2	10.0	13.2	10.2	11.9	---	12.5	---	15.7	13.9	14.8

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

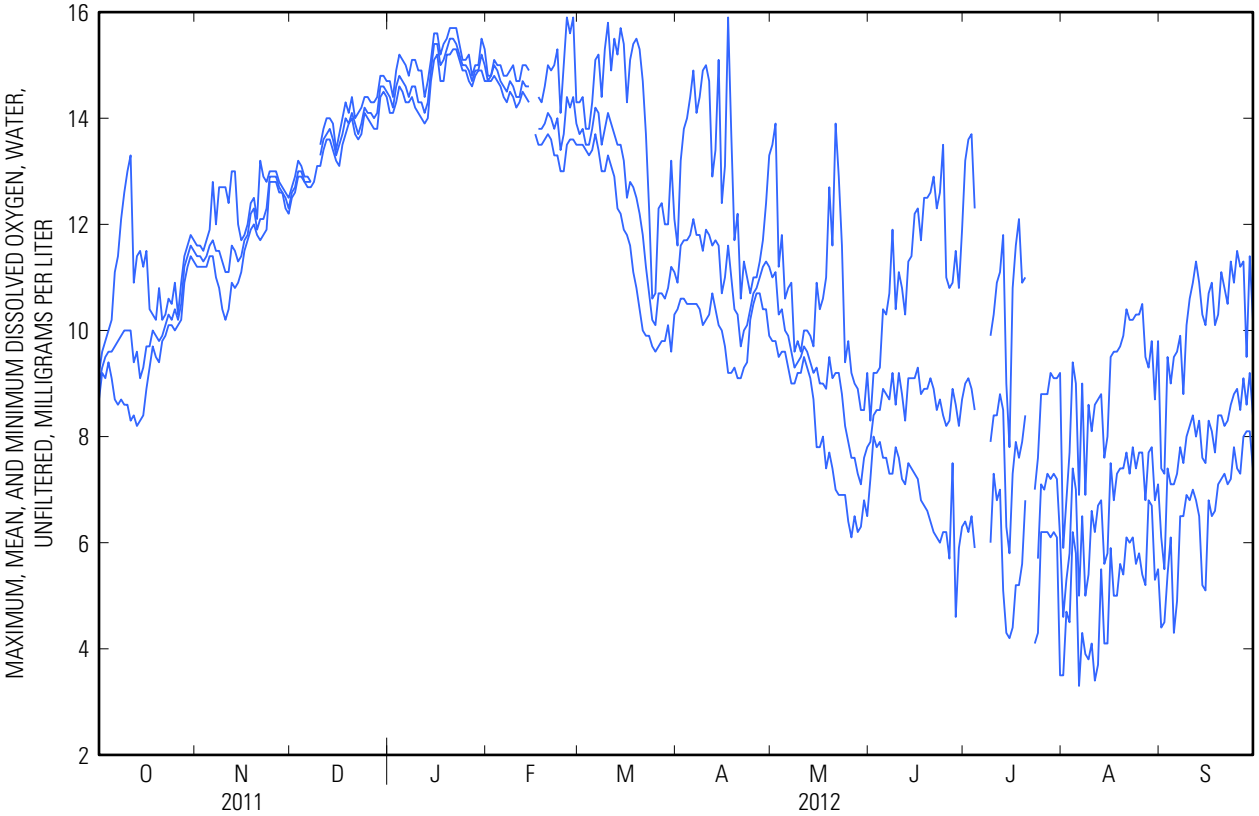
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	14.8	14.7	14.7	14.3	13.5	13.7	11.6	10.4	10.9	13.5	9.8	11.0
2	14.8	14.7	14.8	14.4	13.5	13.8	13.2	10.6	11.6	13.9	9.8	11.1
3	15.1	14.8	15.0	13.8	13.4	13.5	13.8	10.6	11.7	11.2	9.5	10.3
4	15.0	14.7	14.9	13.8	13.3	13.5	14.0	10.5	11.7	11.8	9.6	10.4
5	15.0	14.6	14.7	14.3	13.4	13.8	14.4	10.5	11.8	10.6	9.6	10
6	14.8	14.4	14.6	15.1	13.7	14.2	14.9	10.5	12.1	10.8	9.3	9.9
7	14.8	14.3	14.5	15.2	13.4	14.1	14.1	10.5	11.8	10.9	9.0	9.6
8	14.9	14.5	14.7	14.4	13.0	13.5	14.4	10.4	11.8	9.6	9.0	9.3
9	15.0	14.4	14.6	15.3	13.0	13.8	14.9	10.1	11.5	9.8	9.2	9.4
10	14.7	14.2	14.4	15.8	13.3	14.1	15.0	10.2	11.9	9.6	9.2	9.5
11	14.7	14.3	14.4	14.9	13.1	13.9	14.7	10.3	11.8	10.0	9.5	9.7
12	15.0	14.5	14.7	15.5	12.9	13.7	12.9	10.7	11.6	10.0	9.3	9.6
13	15.0	14.4	14.6	15.2	12.3	13.5	13.4	10.4	11.7	9.9	9.1	9.4
14	14.9	14.3	14.6	15.7	12.2	13.5	15.1	10.1	11.6	9.7	8.7	9.2
15	---	---	---	15.4	11.9	13.2	12.4	10.0	10.7	10.9	7.8	9.3
16	---	13.7	---	14.3	11.8	12.5	13.1	9.7	11.0	10.4	7.8	9.0
17	14.4	13.5	13.8	15.1	11.6	12.8	15.9	9.2	11.6	10.6	8.0	9.0
18	14.3	13.5	13.8	15.4	11.1	12.7	13.7	9.2	11.0	11.0	7.4	8.9
19	14.6	13.6	13.9	15.5	10.8	12.5	11.7	9.3	10.4	12.7	7.7	9.5
20	15.0	13.7	14.1	15.3	10.4	12.2	12.2	9.1	10.3	11.6	7.4	9.1
21	14.9	13.6	14.0	14.7	10.0	11.8	10.6	9.1	9.7	13.9	7.0	9.2
22	15.0	13.3	13.8	13.7	9.9	11.2	11.3	9.3	10.0	12.9	6.9	9.2
23	15.3	13.3	14.0	12.3	9.9	10.7	11.0	9.4	10.1	11.6	6.9	8.8
24	14.1	13.0	13.4	10.6	9.7	10.2	10.7	10.2	10.4	9.4	6.9	8.2
25	15.0	13.0	13.7	10.7	9.6	10.1	11.0	10.5	10.7	9.8	6.4	7.9
26	15.9	13.5	14.4	12.3	9.7	10.7	11.0	10.7	10.8	9.2	6.1	7.6
27	15.6	13.6	14.2	12.4	9.8	10.7	11.3	10.7	11.0	9.0	6.5	7.6
28	15.9	13.6	14.4	12.0	9.8	10.6	11.7	10.4	11.2	8.9	6.2	7.3
29	14.3	13.5	13.9	12.0	10.1	10.8	12.4	10.4	11.3	8.5	6.3	7.1
30	---	---	---	13.2	9.6	11.2	13.3	9.9	11.2	8.5	6.8	7.6
31	---	---	---	12.1	10.3	11.1	---	---	---	9.2	6.5	7.8
Month	---	---	---	15.8	9.6	12.5	15.9	9.1	11.2	13.9	6.1	9.1

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	8.3	7.2	7.9	13.2	6.4	9.0	5.9	3.5	4.6	7.4	4.4	6.1
2	9.2	8.0	8.4	13.6	6.2	9.1	6.8	4.7	5.3	7.3	4.5	5.5
3	9.2	7.8	8.5	13.7	6.5	8.9	7.7	4.5	5.8	9.5	5.4	7.4
4	9.3	7.9	8.5	12.3	5.9	8.5	9.4	6.2	7.4	9.0	6.1	7.1
5	10.4	7.6	8.9	---	---	---	9.0	5.8	7.0	9.5	4.3	7.1
6	10.3	7.6	8.8	---	---	---	6.9	3.3	5.0	9.6	4.9	7.3
7	10.7	7.3	8.7	---	---	---	9.0	4.3	6.5	9.9	6.5	7.8
8	11.9	7.3	9.2	---	---	---	6.9	3.9	5.0	8.8	6.5	7.5
9	10.4	7.8	8.6	9.9	6.0	7.9	8.6	3.8	5.4	10.1	6.9	8.0
10	11.1	7.6	9.2	10.3	7.3	8.4	8.1	4.1	6.6	10.6	6.8	8.2
11	10.8	7.2	8.8	10.9	6.8	8.4	8.6	3.4	6.2	10.9	7.0	8.4
12	10.3	7.1	8.3	11.1	7.0	8.8	8.7	3.7	6.7	11.3	6.8	8.0
13	11.3	7.5	9.1	11.8	5.1	8.5	8.8	5.5	6.8	10.9	6.5	8.3
14	11.4	7.4	9.1	9.0	4.3	6.3	7.6	4.1	5.6	10.3	5.2	7.6
15	12.2	7.3	9.1	7.8	4.2	5.8	8.0	4.1	5.8	10.1	5.1	7.5
16	12.3	7.2	9.3	10.8	4.4	7.3	9.5	5.9	7.5	10.7	6.8	8.3
17	11.7	6.8	8.8	11.6	5.2	7.9	9.6	5.0	6.8	10.9	6.5	8.1
18	12.5	6.7	8.9	12.1	5.2	7.6	9.6	5.0	7.3	10.1	6.6	7.7
19	12.5	6.6	8.9	10.9	5.6	7.9	9.7	5.6	7.4	10.3	7.1	8.4
20	12.6	6.4	9.1	11.0	6.8	8.4	9.9	5.4	7.4	11.1	7.2	8.4
21	12.9	6.2	8.9	---	---	---	10.4	6.1	7.7	10.8	7.3	8.2
22	12.3	6.1	8.5	---	---	---	10.2	6.0	7.3	10.5	7.1	8.3
23	12.6	6.0	8.7	7.0	4.1	---	10.2	6.1	7.8	11.3	7.2	8.6
24	13.5	6.2	8.4	7.6	4.3	5.7	10.3	5.6	7.4	10.9	7.8	8.8
25	11.0	6.2	8.2	8.8	6.2	7.1	10.3	5.8	7.7	11.5	7.4	8.9
26	10.8	5.7	8.3	8.8	6.2	7.0	10.5	5.4	7.7	11.2	7.3	8.5
27	10.9	7.5	8.9	8.8	6.2	7.3	9.5	5.2	6.8	11.3	8.0	9.1
28	11.5	4.6	8.6	9.2	6.1	7.2	9.3	6.8	7.7	9.5	8.1	8.6
29	10.8	5.9	8.2	9.1	6.2	7.3	9.8	6.7	7.8	11.4	8.1	9.2
30	11.9	6.3	8.7	9.1	6.1	7.2	8.7	5.3	6.8	10.2	7.4	8.4
31	---	---	---	9.2	3.5	6.1	9.8	5.5	7.1	---	---	---
Month	13.5	4.6	8.7	---	---	---	10.5	3.3	6.7	11.5	4.3	8.0

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued



04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	12	10	11	8.1	7.1	7.4	7.1	6.1	6.6	7.0	6.3	6.6
2	12	9.9	11	8.2	7.1	7.6	6.9	5.5	6.3	6.9	6.0	6.5
3	11	9.7	10	8.4	7.2	7.6	6.1	5.3	5.6	6.6	5.6	6.0
4	10	9.5	9.8	7.5	7.0	7.2	5.4	5.1	5.3	6.1	4.9	5.3
5	10	9.1	9.5	7.5	6.8	7.1	5.4	4.9	5.1	5.3	4.8	4.9
6	11	8.6	9.0	7.7	6.6	6.9	5.2	4.8	5.0	5.4	4.8	5.1
7	10	8.3	8.7	7.5	6.5	6.8	4.9	4.7	4.8	6.0	4.8	5.2
8	10	8.3	8.7	7.6	6.4	6.8	---	---	---	---	---	---
9	9.9	8.2	8.5	9.5	6.6	7.3	---	---	---	---	---	---
10	9.7	8.1	8.3	9.4	6.5	7.6	5.5	4.5	4.8	---	---	---
11	9.5	8.1	8.4	8.5	6.2	6.8	4.9	4.3	4.5	---	---	---
12	9.3	8.1	8.4	8.3	6.3	6.8	5.7	4.0	4.3	14	4.9	5.8
13	9.2	8.3	8.5	7.3	6.2	6.5	5.3	3.9	4.2	9.0	5.4	6.5
14	9.5	8.2	8.5	7.7	6.2	6.5	4.4	3.7	3.9	15	7.8	10
15	9.3	8.2	8.5	6.9	6.2	6.5	4.5	3.7	4.0	11	8.2	9.3
16	8.9	8.1	8.4	7.3	6.6	6.8	5.1	4.1	4.6	12	9.6	10
17	9.3	8.3	8.6	7.1	6.6	6.8	4.8	4.2	4.4	13	11	12
18	---	---	---	7.1	6.1	6.5	4.3	4.0	4.1	16	12	13
19	---	---	---	6.9	6.1	6.2	4.5	4.0	4.2	16	9.5	13
20	---	---	---	6.3	5.6	5.9	4.8	4.3	4.5	11	8.3	9.1
21	---	---	---	7.0	5.5	6.0	4.8	4.3	4.4	12	9.8	11
22	9.4	8.3	8.8	7.0	5.4	5.7	5.1	4.3	4.5	13	9.8	11
23	10	8.7	9.2	6.5	5.3	5.8	5.8	4.4	4.8	15	11	12
24	9.4	7.9	8.6	6.9	6.1	6.4	5.9	5.1	5.4	11	8.1	9.7
25	9.2	7.9	8.3	6.6	5.9	6.2	5.4	4.7	4.9	10	7.2	7.9
26	9.4	7.7	8.6	6.6	5.9	6.1	5.5	4.8	5.1	9.9	7.0	7.8
27	9.9	8.0	9.0	6.6	5.9	6.1	5.9	5.4	5.6	14	7.2	9.0
28	9.8	8.1	8.8	6.6	6.1	6.3	6.4	5.7	6.1	17	11	14
29	9.7	8.3	8.8	6.5	6.2	6.4	7.1	6.3	6.5	18	16	17
30	9.0	7.8	8.5	7.2	6.3	6.7	6.5	5.5	6.0	20	17	18
31	8.4	7.5	7.8	---	---	---	6.4	5.4	5.6	24	20	22
Month	---	---	---	9.5	5.3	6.6	---	---	---	---	---	---

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

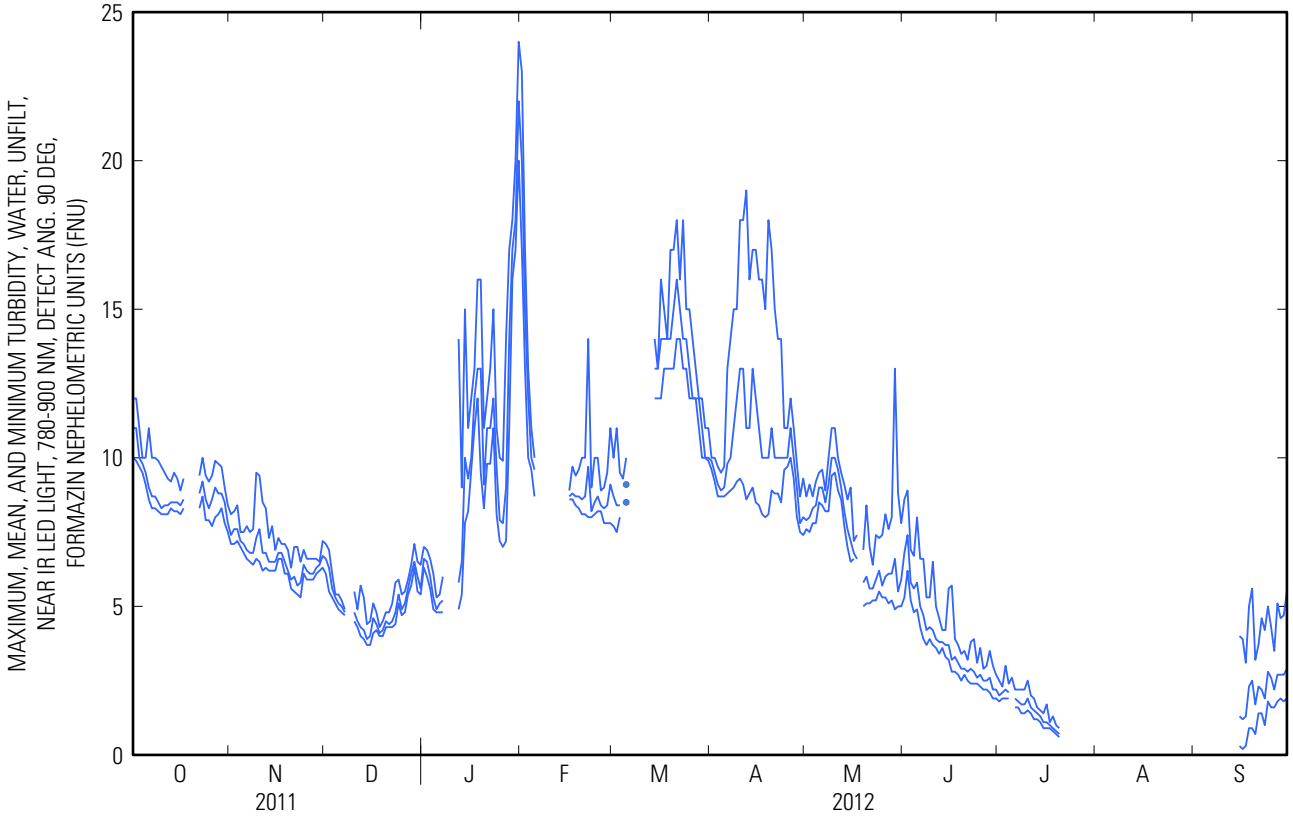
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	23	17	20	10	7.7	8.7	10	9.6	9.9	8.7	7.6	7.9
2	17	13	15	11	7.5	8.4	10	9.2	9.5	9.1	7.5	8.0
3	13	10	12	9.5	8.0	8.4	9.7	8.7	9.1	8.7	7.8	8.3
4	11	9.6	10	9.3	---	---	9.5	8.7	8.9	9.2	7.8	8.4
5	10	8.7	9.6	10	8.5	9.1	9.7	8.7	9.0	9.5	8.5	9.0
6	---	---	---	---	---	---	13	8.8	9.8	9.6	8.4	9.0
7	---	---	---	---	---	---	14	8.9	10	8.9	8.2	8.5
8	---	---	---	---	---	---	15	9.0	11	10	8.2	9.1
9	---	---	---	---	---	---	15	9.2	12	11	9.4	10
10	---	---	---	---	---	---	18	9.3	13	11	9.5	10
11	---	---	---	---	---	---	18	9.1	13	10	8.9	9.6
12	---	---	---	---	---	---	19	8.6	11	9.5	8.6	9.0
13	---	---	---	---	---	---	16	8.8	11	9.1	7.7	8.2
14	---	---	---	14	12	13	17	9.0	13	8.6	7.0	7.6
15	---	---	---	13	12	13	17	8.5	12	9.0	6.5	7.2
16	8.9	8.6	8.7	16	12	14	16	8.4	11	7.2	6.6	6.8
17	9.7	8.6	8.8	15	13	14	16	8.1	10	7.4	---	6.6
18	9.4	8.4	8.7	14	13	14	15	8.0	10	---	---	---
19	9.6	8.3	8.7	17	13	14	18	8.1	10	6.9	5.0	5.8
20	10	8.1	8.6	17	13	15	17	8.9	11	8.4	5.1	6.0
21	10	8.1	8.7	18	14	16	15	8.8	10	7.0	5.1	5.6
22	14	8.0	9.7	16	14	15	14	8.8	10	6.4	5.2	5.6
23	9.0	8.0	8.2	18	13	14	14	8.5	10	7.4	5.2	5.9
24	10	8.1	8.5	15	13	14	11	9.6	10	7.3	5.5	6.2
25	10	8.2	8.7	15	12	13	11	9.7	10	7.4	5.3	5.7
26	8.9	8.2	8.4	14	12	12	12	10	11	8.1	5.3	6.0
27	9.0	7.8	8.3	13	12	12	11	9.3	10	7.6	5.1	6.1
28	9.5	7.8	8.4	12	11	12	9.8	8.0	9.0	8.0	5.2	6.1
29	11	7.8	9.1	12	10	11	8.7	7.5	7.8	13	4.9	6.6
30	---	---	---	11	10	10	9.3	7.4	8.0	8.8	5.0	5.5
31	---	---	---	11	9.9	10	---	---	---	7.8	5.0	5.9
Month	---	---	---	---	---	---	19	7.4	10	---	---	---

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	8.6	5.3	6.8	2.5	1.8	2.0	---	---	---	---	---	---
2	8.9	6.2	7.4	2.3	1.9	2.1	---	---	---	---	---	---
3	6.9	5.2	5.8	3.0	1.9	2.2	---	---	---	---	---	---
4	6.7	4.8	5.6	2.4	1.9	2.1	---	---	---	---	---	---
5	8.0	4.9	5.8	2.6	---	---	---	---	---	---	---	---
6	6.6	4.3	5.0	2.2	1.6	1.9	---	---	---	---	---	---
7	6.6	3.9	4.7	2.2	1.6	1.8	---	---	---	---	---	---
8	5.3	3.7	4.2	2.2	1.4	1.7	---	---	---	---	---	---
9	5.3	3.9	4.3	2.2	1.4	1.7	---	---	---	---	---	---
10	6.5	3.7	4.2	2.5	1.5	1.9	---	---	---	---	---	---
11	5.0	3.6	3.9	2.0	1.4	1.6	---	---	---	---	---	---
12	4.6	3.4	3.8	1.9	1.2	1.5	---	---	---	---	---	---
13	4.2	3.6	3.8	1.6	1.2	1.4	---	---	---	---	---	---
14	4.2	3.3	3.7	1.5	1.1	1.3	---	---	---	---	---	---
15	5.6	3.2	3.7	1.4	0.9	1.1	---	---	---	4.0	0.3	1.3
16	5.7	2.8	3.2	1.7	0.9	1.1	---	---	---	3.9	0.2	1.2
17	3.9	2.8	3.3	1.1	0.9	1.0	---	---	---	3.1	0.3	1.3
18	3.7	2.7	3.1	1.3	0.8	0.9	---	---	---	5.0	0.9	2.3
19	3.4	2.5	2.9	1.0	0.7	0.8	---	---	---	5.6	0.9	2.5
20	3.5	2.7	2.9	0.9	0.6	0.7	---	---	---	3.2	0.7	1.7
21	3.2	2.5	2.8	---	---	---	---	---	---	3.7	1.4	2.3
22	3.8	2.4	2.9	---	---	---	---	---	---	4.6	1.4	2.2
23	3.9	2.4	2.8	---	---	---	---	---	---	4.2	1.0	1.9
24	3.1	2.4	2.6	---	---	---	---	---	---	5.0	1.8	2.8
25	3.6	2.3	2.7	---	---	---	---	---	---	4.3	1.6	2.6
26	2.9	2.2	2.5	---	---	---	---	---	---	3.5	1.6	2.2
27	3.0	2.2	2.5	---	---	---	---	---	---	5.1	1.8	2.7
28	3.5	2.1	2.6	---	---	---	---	---	---	4.6	1.9	2.7
29	3.0	1.9	2.2	---	---	---	---	---	---	4.7	1.8	2.7
30	2.7	1.9	2.2	---	---	---	---	---	---	5.5	1.9	2.9
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	8.9	1.9	3.8	---	---	---	---	---	---	---	---	---

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued



04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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)
10-05-2011	1120	8,690	10.0	8.2	542	16.9	15	84.8	69.2
10-20-2011	0740	5,630	--	8.2	569	14.3	--	--	--
11-08-2011	1135	4,830	12.6	8.3	616	9.6	14	89.3	70.5
12-08-2011	1045	12,200	13.0	8.2	539	5.8	14	68.1	74.3
12-15-2011	1225	10,700	13.4	8.2	528	4.0	3.8	--	--
01-09-2012	1110	10,100	15.0	8.3	568	1.4	7.6	78.4	59.3
01-09-2012	1111	10,100	15.0	8.3	568	1.4	7.6	--	--
01-18-2012	1545	13,200	15.3	8.1	601	.4	11	--	--
01-19-2012	0345	13,200	15.4	8.1	546	.1	11	--	--
01-20-2012	1445	14,000	15.5	8.1	606	.0	7.4	--	--
01-27-2012	1630	14,200	14.7	8.0	566	1.2	7.1	--	--
01-28-2012	0100	16,000	14.8	8.0	565	1.2	11	--	--
01-28-2012	0800	15,900	14.9	8.0	548	1.1	9.3	--	--
01-28-2012	1545	17,800	14.8	7.9	520	1.2	10	--	--
01-29-2012	0145	17,700	14.9	8.0	553	1.2	13	--	--
02-05-2012	0900	14,200	14.8	8.0	570	1.7	7.5	--	--
02-09-2012	0905	12,700	14.8	8.1	560	1.8	5.1	84.2	64.1
02-28-2012	1310	7,330	13.3	8.6	563	2.2	9.7	--	--
03-07-2012	1100	7,070	13.0	8.5	599	2.7	27	88.0	73.5
04-03-2012	0945	2,020	13.0	8.4	905	9.2	15	--	--
04-10-2012	0955	987	14.6	9.2	926	9.5	10	57.0	41.0
04-23-2012	1220	8,400	10.6	8.7	627	11.3	14	--	--
04-23-2012	1235	9,000	10.6	8.7	630	11.3	15	--	--
04-23-2012	1240	9,800	10.6	8.7	631	11.3	15	--	--
04-23-2012	1325	10,000	10.7	8.7	590	11.1	14	--	--
04-26-2012	0050	11,100	11.1	8.8	7	10.2	14	--	--
04-26-2012	0655	11,100	11.2	8.8	664	10.0	14	--	--
05-09-2012	1010	11,100	10.1	8.4	600	15.2	15	97.0	89.8
06-01-2012	1320	9,000	7.6	7.9	746	22.9	8.0	--	--
06-01-2012	1525	10,800	7.7	7.9	683	22.8	8.6	--	--
06-01-2012	2225	9,300	7.7	7.9	704	22.2	9.9	--	--
06-02-2012	0535	8,000	7.7	7.8	545	21.6	7.7	--	--
06-07-2012	1020	2,850	8.9	8.0	582	20.5	6.6	94.2	58.2
06-20-2012	1230	2,150	10.9	8.5	743	26.0	5.3	--	--
07-11-2012	0800	1,180	--	8.8	561	27.2	--	--	--
07-12-2012	1100	1,370	8.2	8.4	841	27.5	6.0	46.8	45.9
08-08-2012	0740	496	5.0	7.7	928	25.9	8.8	55.1	48.0
08-13-2012	1030	814	7.1	7.8	842	25.9	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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)
10-05-2011	101	947	--	--	50.0	12.2	70.0	0.12	54.0	0.045
10-20-2011	--	--	314	< 15	--	--	--	--	--	--
11-08-2011	115	971	--	--	61.2	14.3	82.6	.12	55.5	.028
12-08-2011	87.4	965	--	--	55.2	12.6	64.8	.10	48.7	.042
12-15-2011	--	--	297	< 15	--	--	--	--	--	--
01-09-2012	90.5	969	--	--	55.5	13.1	68.1	.17	48.0	.029
01-09-2012	--	--	--	--	55.0	13.1	67.9	.15	47.9	.025
01-18-2012	--	--	--	--	58.0	13.3	74.8	.13	50.8	.040
01-19-2012	--	--	--	--	--	--	61.3	--	--	.038
01-20-2012	--	--	--	--	58.1	13.5	71.6	.16	49.0	.034
01-27-2012	--	--	--	--	--	--	69.2	--	--	.037
01-28-2012	--	--	--	--	--	--	69.9	--	--	.038
01-28-2012	--	--	--	--	--	--	68.3	--	--	.031
01-28-2012	--	--	--	--	49.0	12.1	59.4	.09	40.0	.035
01-29-2012	--	--	--	--	--	--	65.7	--	--	.032
02-05-2012	--	--	--	--	--	--	73.1	--	--	.024
02-09-2012	96.9	935	--	--	53.5	13.0	65.3	.11	46.4	.035
02-28-2012	--	--	313	< 15	--	--	--	--	--	--
03-07-2012	98.6	954	--	--	59.7	13.6	70.9	.10	50.9	.025
04-03-2012	--	--	528	< 15	--	--	--	--	--	--
04-10-2012	71.9	921	--	--	87.5	18.9	146	.18	83.3	.030
04-23-2012	--	--	--	--	--	--	--	--	--	.092
04-23-2012	--	--	--	--	--	--	--	--	--	.093
04-23-2012	--	--	--	--	--	--	--	--	--	.095
04-23-2012	--	--	--	--	60.0	13.7	76.7	.10	55.6	.082
04-26-2012	--	--	--	--	--	--	99.8	--	--	.051
04-26-2012	--	--	--	--	--	--	87.9	--	--	.082
05-09-2012	118	939	--	--	57.9	13.3	76.0	.12	53.5	.050
06-01-2012	--	--	--	--	--	--	113	--	--	.129
06-01-2012	--	--	--	--	53.2	13.8	114	.12	65.1	.016
06-01-2012	--	--	--	--	--	--	107	--	--	.122
06-02-2012	--	--	--	--	--	--	81.9	--	--	.130
06-07-2012	100	918	--	--	52.0	13.0	82.6	.11	54.7	.072
06-20-2012	--	--	460	< 15	--	--	--	--	--	--
07-11-2012	--	--	385	< 15	--	--	--	--	--	--
07-12-2012	62.9	942	--	--	57.7	15.0	127	.14	66.4	.036
08-08-2012	63.8	969	--	--	65.0	17.4	166	.14	90.5	.039
08-13-2012	--	--	514	< 15	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
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)
10-05-2011	0.33	0.008	0.033	0.054	< .08	0.04	< .16	< .08	< .06
10-20-2011	--	--	.030	.04	--	--	--	--	--
11-08-2011	.656	.010	.017	.032	< .08	.06	< .16	< .08	E .06
12-08-2011	.625	.007	.025	.037	< .08	.06	< .16	< .08	< .06
12-15-2011	--	--	.023	.03	--	--	--	--	--
01-09-2012	.796	.005	.017	.025	< .08	.06	< .16	.01	< .06
01-09-2012	.787	.005	.017	.029	--	--	--	--	--
01-18-2012	.848	.007	.019	.039	--	--	--	--	--
01-19-2012	.802	.005	.020	.039	--	--	--	--	--
01-20-2012	.828	.005	.018	.038	--	--	--	--	--
01-27-2012	.804	.006	.018	.033	--	--	--	--	--
01-28-2012	.826	.007	.018	.044	--	--	--	--	--
01-28-2012	.790	.007	.017	.041	--	--	--	--	--
01-28-2012	.775	.006	.018	.044	--	--	--	--	--
01-29-2012	.809	.007	.018	.044	--	--	--	--	--
02-05-2012	.870	.005	.018	.051	--	--	--	--	--
02-09-2012	.846	.005	.019	.029	< .08	.05	< .16	.02	< .06
02-28-2012	--	--	.012	.02	--	--	--	--	--
03-07-2012	.710	.005	.011	.021	< .08	.03	< .16	< .08	< .06
04-03-2012	--	--	.012	.02	--	--	--	--	--
04-10-2012	1.01	.012	.007	.024	< .08	< .16	< .16	< .08	< .06
04-23-2012	.604	.010	.020	.072	--	--	--	--	--
04-23-2012	.599	.010	.018	.085	--	--	--	--	--
04-23-2012	.619	.011	.019	.084	--	--	--	--	--
04-23-2012	.507	.008	.019	.057	--	--	--	--	--
04-26-2012	.546	.006	.012	.048	--	--	--	--	--
04-26-2012	.467	.006	.012	.046	--	--	--	--	--
05-09-2012	.521	.007	.013	.048	< .08	.02	< .16	< .08	< .06
06-01-2012	.624	.021	.042	.070	--	--	--	--	--
06-01-2012	.103	.002	.005	.066	--	--	--	--	--
06-01-2012	.616	.022	.038	.072	--	--	--	--	--
06-02-2012	.650	.024	.045	.083	--	--	--	--	--
06-07-2012	.528	.022	.035	.053	< .08	.06	< .16	< .08	< .06
06-20-2012	--	--	.026	.04	--	--	--	--	--
07-11-2012	--	--	.011	.05	--	--	--	--	--
07-12-2012	.314	.012	.009	.039	< .08	.06	< .16	< .08	< .06
08-08-2012	.321	.015	.010	.049	< .08	< .16	< .16	< .08	< .06
08-13-2012	--	--	.033	.07	--	--	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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)	DEET, water, unfiltered, recoverable, µg/L (61947)	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)	p-Cresol, water, unfiltered, recoverable, µg/L (77146)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Prometon, water, unfiltered, recoverable, µg/L (39056)
10-05-2011	< .020	< .12	0.02	< .32	< .08	< .16	0.02	< .08	< 1.6	< .16
10-20-2011	--	--	--	--	--	--	--	--	--	--
11-08-2011	< .020	< .12	.02	< .32	< .08	< .16	.03	< .08	< 1.6	< .16
12-08-2011	< .020	< .12	.02	< .32	< .08	< .16	.02	< .08	< 1.6	< .16
12-15-2011	--	--	--	--	--	--	--	--	--	--
01-09-2012	.005	< .12	.01	< .32	< .08	< .16	.02	< .08	< 1.6	< .16
01-09-2012	--	--	--	--	--	--	--	--	--	--
01-18-2012	--	--	--	--	--	--	--	--	--	--
01-19-2012	--	--	--	--	--	--	--	--	--	--
01-20-2012	--	--	--	--	--	--	--	--	--	--
01-27-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-29-2012	--	--	--	--	--	--	--	--	--	--
02-05-2012	--	--	--	--	--	--	--	--	--	--
02-09-2012	< .020	< .12	.01	< .32	< .08	< .16	.02	< .08	< 1.6	< .16
02-28-2012	--	--	--	--	--	--	--	--	--	--
03-07-2012	< .020	< .12	.01	< .32	< .08	< .16	.02	< .08	< 1.6	< .16
04-03-2012	--	--	--	--	--	--	--	--	--	--
04-10-2012	< .020	< .12	.02	< .32	< .08	< .16	.02	< .08	E .1	< .16
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
05-09-2012	< .020	< .12	.01	< .32	< .32	< .16	.02	< .08	< 1.6	< .16
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-02-2012	--	--	--	--	--	--	--	--	--	--
06-07-2012	< .020	< .12	.03	< .32	< .08	< .16	.05	< .08	< 1.6	< .16
06-20-2012	--	--	--	--	--	--	--	--	--	--
07-11-2012	--	--	--	--	--	--	--	--	--	--
07-12-2012	< .020	< .12	.05	< .32	< .08	< .16	.02	< .08	< 1.6	< .16
08-08-2012	< .020	< .12	.03	< .32	< .08	< .16	.02	< .08	< 1.6	< .16
08-13-2012	--	--	--	--	--	--	--	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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)
10-05-2011	< .04	< .04	< .04	E .15	< 1.6	< .04	< .16	< .04	< .02	< 1.6
10-20-2011	--	--	--	--	--	--	--	--	--	--
11-08-2011	< .04	< .04	< .04	< .32	< 3.5	< .04	< .16	< .04	< .02	< 1.6
12-08-2011	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
12-15-2011	--	--	--	--	--	--	--	--	--	--
01-09-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
01-09-2012	--	--	--	--	--	--	--	--	--	--
01-18-2012	--	--	--	--	--	--	--	--	--	--
01-19-2012	--	--	--	--	--	--	--	--	--	--
01-20-2012	--	--	--	--	--	--	--	--	--	--
01-27-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-29-2012	--	--	--	--	--	--	--	--	--	--
02-05-2012	--	--	--	--	--	--	--	--	--	--
02-09-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
02-28-2012	--	--	--	--	--	--	--	--	--	--
03-07-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
04-03-2012	--	--	--	--	--	--	--	--	--	--
04-10-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
05-09-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-02-2012	--	--	--	--	--	--	--	--	--	--
06-07-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
06-20-2012	--	--	--	--	--	--	--	--	--	--
07-11-2012	--	--	--	--	--	--	--	--	--	--
07-12-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
08-08-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
08-13-2012	--	--	--	--	--	--	--	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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)
10-05-2011	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
10-20-2011	--	--	--	--	--	--	--	--	--	--
11-08-2011	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
12-08-2011	< 1.6	< 1.6	< .2	< .6	< .4	< 1.28	< .04	< .4	< .04	< .02
12-15-2011	--	--	--	--	--	--	--	--	--	--
01-09-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	E .02	< .4	< .04	< .02
01-09-2012	--	--	--	--	--	--	--	--	--	--
01-18-2012	--	--	--	--	--	--	--	--	--	--
01-19-2012	--	--	--	--	--	--	--	--	--	--
01-20-2012	--	--	--	--	--	--	--	--	--	--
01-27-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-29-2012	--	--	--	--	--	--	--	--	--	--
02-05-2012	--	--	--	--	--	--	--	--	--	--
02-09-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	.01	< .02
02-28-2012	--	--	--	--	--	--	--	--	--	--
03-07-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
04-03-2012	--	--	--	--	--	--	--	--	--	--
04-10-2012	< 1.6	< 1.6	< .2	M	M	< .32	< .04	< .4	< .04	< .02
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
05-09-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-02-2012	--	--	--	--	--	--	--	--	--	--
06-07-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
06-20-2012	--	--	--	--	--	--	--	--	--	--
07-11-2012	--	--	--	--	--	--	--	--	--	--
07-12-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
08-08-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
08-13-2012	--	--	--	--	--	--	--	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 7 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	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)
10-05-2011	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	0.03	E .2	< .08
10-20-2011	--	--	--	--	--	--	--	--	--	--
11-08-2011	< .04	< .02	< .08	< 7.1	< 3.5	< 2	< .04	E .04	< 3.5	< .08
12-08-2011	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	.03	< 1.6	< .08
12-15-2011	--	--	--	--	--	--	--	--	--	--
01-09-2012	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	.04	< 1.6	E .01
01-09-2012	--	--	--	--	--	--	--	--	--	--
01-18-2012	--	--	--	--	--	--	--	--	--	--
01-19-2012	--	--	--	--	--	--	--	--	--	--
01-20-2012	--	--	--	--	--	--	--	--	--	--
01-27-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-29-2012	--	--	--	--	--	--	--	--	--	--
02-05-2012	--	--	--	--	--	--	--	--	--	--
02-09-2012	< .04	< .02	.05	< 4.8	< 3.4	< 2	< .04	.05	< 1.6	< .08
02-28-2012	--	--	--	--	--	--	--	--	--	--
03-07-2012	< .04	< .02	< .08	< 4.8	< 3.4	M	< .04	.06	E .3	< .08
04-03-2012	--	--	--	--	--	--	--	--	--	--
04-10-2012	< .04	< .02	.02	< 4.8	< 3.4	< 2	.03	.07	E .3	< .08
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
05-09-2012	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	.05	< 1.6	< .08
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-02-2012	--	--	--	--	--	--	--	--	--	--
06-07-2012	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	< .08	E .5	--
06-20-2012	--	--	--	--	--	--	--	--	--	--
07-11-2012	--	--	--	--	--	--	--	--	--	--
07-12-2012	< .04	< .02	.03	< 4.8	< 3.4	< 2	< .04	.04	E .7	< .08
08-08-2012	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	.05	E .5	< .08
08-13-2012	--	--	--	--	--	--	--	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 8 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	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)
10-05-2011	< .4	< .16	< .02	0.02	< .04	< .090	< .050	< .04	< .04	< .32
10-20-2011	--	--	--	--	--	--	--	--	--	--
11-08-2011	< .4	< .16	M	.03	< .04	< .090	.008	< .04	< .44	< .32
12-08-2011	< .4	< .16	< .02	.02	< .04	< .090	< .050	< .04	< .04	< .32
12-15-2011	--	--	--	--	--	--	--	--	--	--
01-09-2012	< .4	< .16	< .02	.03	< .04	< .090	.013	< .04	< .04	< .32
01-09-2012	--	--	--	--	--	--	--	--	--	--
01-18-2012	--	--	--	--	--	--	--	--	--	--
01-19-2012	--	--	--	--	--	--	--	--	--	--
01-20-2012	--	--	--	--	--	--	--	--	--	--
01-27-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-29-2012	--	--	--	--	--	--	--	--	--	--
02-05-2012	--	--	--	--	--	--	--	--	--	--
02-09-2012	< .4	< .16	< .02	.03	< .04	< .090	.009	< .04	< .04	< .32
02-28-2012	--	--	--	--	--	--	--	--	--	--
03-07-2012	.2	< .16	< .02	.04	< .04	< .090	< .050	< .04	< .04	< .32
04-03-2012	--	--	--	--	--	--	--	--	--	--
04-10-2012	.1	< .16	< .02	.04	< .04	< .090	< .050	< .04	< .04	< .32
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
05-09-2012	< .4	< .16	.01	.04	< .16	< .090	< .050	< .04	< .16	< .32
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-02-2012	--	--	--	--	--	--	--	--	--	--
06-07-2012	< .4	< .16	.01	.03	< .04	< .090	< .050	< .04	< .04	< .32
06-20-2012	--	--	--	--	--	--	--	--	--	--
07-11-2012	--	--	--	--	--	--	--	--	--	--
07-12-2012	< .4	< .16	< .02	< .04	< .04	< .090	< .050	< .04	< .04	< .32
08-08-2012	< .4	< .16	< .02	< .04	< .04	< .090	< .050	< .04	< .06	< .32
08-13-2012	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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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)
10-05-2011	< .08	< .02	< .02	< .16	< .02	< .16	< .16	< .064	< .32	< .04
10-20-2011	--	--	--	--	--	--	--	--	--	--
11-08-2011	< .08	< .02	< .02	< .16	M	< .16	.01	< .064	< .32	< .04
12-08-2011	< .08	< .02	< .02	< .16	< .02	< .16	< .16	< .064	< .32	E .01
12-15-2011	--	--	--	--	--	--	--	--	--	--
01-09-2012	< .08	< .02	< .02	< .16	< .02	< .16	.01	< .064	< .32	< .04
01-09-2012	--	--	--	--	--	--	--	--	--	--
01-18-2012	--	--	--	--	--	--	--	--	--	--
01-19-2012	--	--	--	--	--	--	--	--	--	--
01-20-2012	--	--	--	--	--	--	--	--	--	--
01-27-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-28-2012	--	--	--	--	--	--	--	--	--	--
01-29-2012	--	--	--	--	--	--	--	--	--	--
02-05-2012	--	--	--	--	--	--	--	--	--	--
02-09-2012	< .08	< .02	< .02	< .16	< .02	< .16	.01	.015	< .32	< .04
02-28-2012	--	--	--	--	--	--	--	--	--	--
03-07-2012	< .08	< .02	M	< .16	< .02	< .16	< .16	< .064	.05	.02
04-03-2012	--	--	--	--	--	--	--	--	--	--
04-10-2012	< .08	< .02	M	< .16	< .02	< .16	.02	.030	< .32	.03
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-23-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
04-26-2012	--	--	--	--	--	--	--	--	--	--
05-09-2012	< .08	< .02	< .02	< .16	.01	< .16	< .16	E .015	< .32	< .04
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-01-2012	--	--	--	--	--	--	--	--	--	--
06-02-2012	--	--	--	--	--	--	--	--	--	--
06-07-2012	< .08	< .02	< .02	< .16	.01	< .16	< .16	< .064	< .32	< .04
06-20-2012	--	--	--	--	--	--	--	--	--	--
07-11-2012	--	--	--	--	--	--	--	--	--	--
07-12-2012	< .08	< .02	< .02	< .16	< .02	< .16	< .16	< .064	< .32	< .04
08-08-2012	< .08	< .02	< .02	< .16	< .02	< .16	< .16	< .064	< .32	< .04
08-13-2012	--	--	--	--	--	--	--	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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)
10-05-2011	< .08	E .15	0.02	< .32	3
10-20-2011	--	--	--	--	--
11-08-2011	< .08	< .64	< .16	< .32	1
12-08-2011	< .08	< .64	< .16	< .32	2
12-15-2011	--	--	--	--	--
01-09-2012	< .08	E .22	< .16	< .32	< .5
01-09-2012	--	--	--	--	4
01-18-2012	--	--	--	--	6
01-19-2012	--	--	--	--	7
01-20-2012	--	--	--	--	8
01-27-2012	--	--	--	--	--
01-28-2012	--	--	--	--	--
01-28-2012	--	--	--	--	--
01-28-2012	--	--	--	--	--
01-29-2012	--	--	--	--	9
02-05-2012	--	--	--	--	16
02-09-2012	< .08	E .24	< .16	< .32	1
02-28-2012	--	--	--	--	--
03-07-2012	< .08	E .14	< .16	< .32	5
04-03-2012	--	--	--	--	--
04-10-2012	.01	E .30	< .16	< .32	5
04-23-2012	--	--	--	--	15
04-23-2012	--	--	--	--	18
04-23-2012	--	--	--	--	18
04-23-2012	--	--	--	--	10
04-26-2012	--	--	--	--	9
04-26-2012	--	--	--	--	8
05-09-2012	< .08	E .32	< .16	< .32	13
06-01-2012	--	--	--	--	--
06-01-2012	--	--	--	--	--
06-01-2012	--	--	--	--	--
06-02-2012	--	--	--	--	--
06-07-2012	< .08	< .64	< .16	< .32	4
06-20-2012	--	--	--	--	--
07-11-2012	--	--	--	--	--
07-12-2012	< .08	E .30	.04	< .32	4
08-08-2012	< .08	< .64	< .16	< .32	2
08-13-2012	--	--	--	--	--

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 11 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)
08-27-2012	0955	688	8.0	8.2	978	24.1	20	8.5	12.5
09-06-2012	0920	898	7.9	8.0	914	24.0	28	74.3	56.8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 12 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	Fluoranthene-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)	Magnesium, 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)
08-27-2012	15.6	932	--	--	66.2	17.7	173	0.12	96.0	0.029
09-06-2012	75.7	950	--	--	64.3	18.0	159	.14	98.0	.052

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 13 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)
08-27-2012	0.330	0.010	0.010	0.047	< .08	< .16	< .16	< .08	< .06
09-06-2012	.345	.009	.019	.048	< .08	.08	< .16	< .08	< .06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 14 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)	DEET, water, unfiltered, recoverable, µg/L (61947)	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)	p-Cresol, water, unfiltered, recoverable, µg/L (77146)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Prometon, water, unfiltered, recoverable, µg/L (39056)
08-27-2012	< .020	< .12	< .04	< .32	< .08	< .16	< .04	< .08	< 1.6	< .16
09-06-2012	< .020	< .12	.05	< .32	< .08	< .16	E .02	.03	< 1.6	< .16

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
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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-Methylnaphthalene, water, unfiltered, recoverable, µg/L (81696)	2,6-Dimethylnaphthalene, water, unfiltered, recoverable, µg/L (62805)	2-Methylnaphthalene, water, unfiltered, recoverable, µg/L (30194)	3,4-Dichlorophenyl isocyanate, water, unfiltered, recoverable, µg/L (63145)	3-beta-Coprostanol, water, unfiltered, recoverable, µg/L (62806)	3-Methyl-1H-indole, water, unfiltered, recoverable, µg/L (62807)	3-tert-Butyl-4-hydroxyanisole, water, unfiltered, recoverable, µg/L (61702)	4-Cumylphenol, water, unfiltered, recoverable, µg/L (62808)	4-n-Octylphenol, water, unfiltered, recoverable, µg/L (62809)	4-Nonylphenol (sum of all isomers), water, unfiltered, recoverable, µg/L (62829)
08-27-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6
09-06-2012	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02	< 1.6

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
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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)
08-27-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02
09-06-2012	< 1.6	< 1.6	< .2	< .6	< .4	< .32	< .04	< .4	< .04	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 17 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	BDE congener 47, water, unfiltered, recover-able, µg/L (63147)	Benzo[a]-pyrene, water, unfiltered, recover-able, µg/L (34247)	Benzo-phenone, water, unfiltered, recover-able, µg/L (62814)	beta-Sitos-terol, water, unfiltered, recover-able, µg/L (62815)	beta-Stig-mastanol, water, unfiltered, recover-able, µg/L (61948)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recover-able, µg/L (39100)	Bisphenol A, water, unfiltered, recover-able, µg/L (62816)	Caffeine, water, unfiltered, recover-able, µg/L (81436)	Choles-terol, water, unfiltered, recover-able, µg/L (62818)	Cotinine, water, unfiltered, recover-able, µg/L (61945)
08-27-2012	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	< .08	< 1.6	< .08
09-06-2012	< .04	< .02	< .08	< 4.8	< 3.4	< 2	< .04	.10	E .6	E .03

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
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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)
08-27-2012	< .4	< .16	< .02	< .04	< .04	< .090	< .050	< .04	< .04	< .32
09-06-2012	< .4	< .16	.01	< .04	< .04	< .090	.010	< .04	< .04	< .32

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 19 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	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)
08-27-2012	< .08	< .02	< .02	< .16	< .02	< .16	< .16	< .064	< .32	< .04
09-06-2012	< .08	< .02	< .02	< .16	M	< .16	.01	< .064	< .32	< .04

04249000 OSWEGO RIVER AT LOCK 7, OSWEGO, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 20 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	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)
08-27-2012	< .08	< .64	< .16	< .32	1
09-06-2012	< .08	< .64	< .16	E .04	1