

Water-Data Report 2011

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY

Long Island Basin
Southern Long Island Subbasin

LOCATION.--Lat 40°39'43.4", long 73°44'35.9" referenced to North American Datum of 1983, Queens County, NY, Hydrologic Unit 02030202, on right end of upstream side of bridge in Brookville Park, opposite 144th Avenue and 1,300 ft southwest of South Conduit Avenue, in Rosedale.

DRAINAGE AREA.--12.9 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 1993 to September 2006, August 2007 to current year.

REVISED RECORDS.--WDR-US-2008: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 7.0 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except those for estimated daily discharges or above 110 ft³/s, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 246 ft³/s, Oct. 19, 1996, Jan. 3, 1999, from rating curve extended above 110 ft³/s; maximum gage height, 5.21 ft, Jan. 3, 1999; no flow part of each day Jan. 9, 10, 1996, and many days during July to September 1999 and July and August 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 206 ft³/s, Aug. 14, gage height, 4.52 ft; minimum discharge, 0.30 ft³/s, Aug. 12, 13, gage height, 0.43 ft.

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	35	1.7	15	2.7	0.89	e2.6	e5.9	1.4	1.1	0.80	1.4	7.4
2	3.5	2.1	2.6	2.7	6.3	e4.6	e4.4	2.0	0.89	0.75	1.1	7.9
3	2.9	1.9	1.6	2.3	2.4	e5.1	e3.7	4.9	1.0	1.2	1.2	8.3
4	4.2	11	1.7	2.3	1.8	e5.3	e4.0	9.3	1.1	1.1	3.0	8.8
5	3.3	4.5	1.7	1.4	1.5	e5.7	e5.0	2.6	1.2	1.3	0.58	8.8
6	2.0	3.2	1.6	2.1	4.4	e15	e4.1	1.6	1.3	1.1	0.57	25
7	2.8	3.2	0.91	1.5	2.9	e21	3.9	1.4	1.2	5.6	0.91	15
8	2.0	2.2	1.0	2.5	e4.6	e6.6	4.0	1.9	1.3	3.2	1.5	20
9	1.9	2.0	0.73	2.8	e3.6	e8.0	2.9	1.4	2.2	5.1	7.1	6.3
10	1.7	2.0	0.82	3.3	e2.8	e8.5	3.3	1.8	3.8	1.3	1.6	5.2
11	3.8	1.7	0.72	1.2	e2.6	e19	4.5	1.2	4.1	1.2	0.86	5.1
12	9.9	2.4	11	2.2	e2.6	e7.2	9.6	1.4	3.7	1.4	0.44	4.9
13	2.8	2.1	4.9	1.0	e2.5	e5.3	17	1.8	1.8	1.1	0.37	4.6
14	11	2.3	1.0	0.74	e3.6	e1.6	3.3	1.8	1.5	1.1	86	4.1
15	7.8	2.3	0.94	0.75	e3.2	e3.8	2.4	2.0	2.1	1.1	7.5	3.6
16	3.0	2.7	0.70	0.80	e2.9	e11	8.2	1.3	1.1	1.0	4.1	3.5
17	2.5	11	0.67	0.73	e4.5	e5.1	17	19	12	1.2	3.4	3.3
18	1.3	3.0	1.4	14	e5.7	e4.6	3.0	16	3.9	1.2	4.0	3.3
19	1.2	2.2	2.2	4.4	e5.1	e3.9	3.4	5.3	2.4	1.2	4.0	3.3
20	1.3	1.3	1.3	2.3	e4.6	e3.3	3.1	3.6	1.4	1.1	3.5	3.3
21	1.3	1.2	1.2	2.5	e6.3	e5.7	2.6	3.7	1.1	1.2	19	3.3
22	1.3	1.8	1.3	1.2	e5.9	e4.7	2.1	3.5	1.1	1.1	8.3	3.3
23	1.5	2.2	1.2	0.67	e5.4	e6.8	12	2.6	1.5	0.84	3.0	12
24	1.5	2.1	0.70	0.62	e8.6	e7.5	4.3	3.4	1.0	0.97	2.8	8.3
25	1.6	1.9	0.72	1.3	e20	e5.1	6.7	1.7	1.00	1.4	6.5	3.3
26	1.8	2.2	0.96	2.2	e8.3	e4.6	3.0	1.6	1.0	1.9	2.9	3.2
27	2.0	2.8	0.93	2.4	e6.0	e4.2	2.7	1.4	1.1	1.8	12	3.0
28	2.1	2.5	0.84	1.9	e7.6	e3.8	2.7	1.2	1.1	0.63	99	3.0
29	1.6	1.8	2.4	1.7	---	e3.8	1.8	1.3	2.8	14	10	6.9
30	1.8	1.9	2.5	0.90	---	e3.4	1.7	3.7	0.99	4.2	7.1	3.3
31	2.0	---	1.4	0.67	---	e4.3	---	1.2	---	1.6	7.2	---
Total	122.4	85.2	66.64	67.78	136.59	201.1	152.3	107.0	61.78	62.69	310.93	201.3
Mean	3.95	2.84	2.15	2.19	4.88	6.49	5.08	3.45	2.06	2.02	10.0	6.71
Max	35	11	15	14	20	21	17	19	12	14	99	25
Min	1.2	1.2	0.67	0.62	0.89	1.6	1.7	1.2	0.89	0.63	0.37	3.0

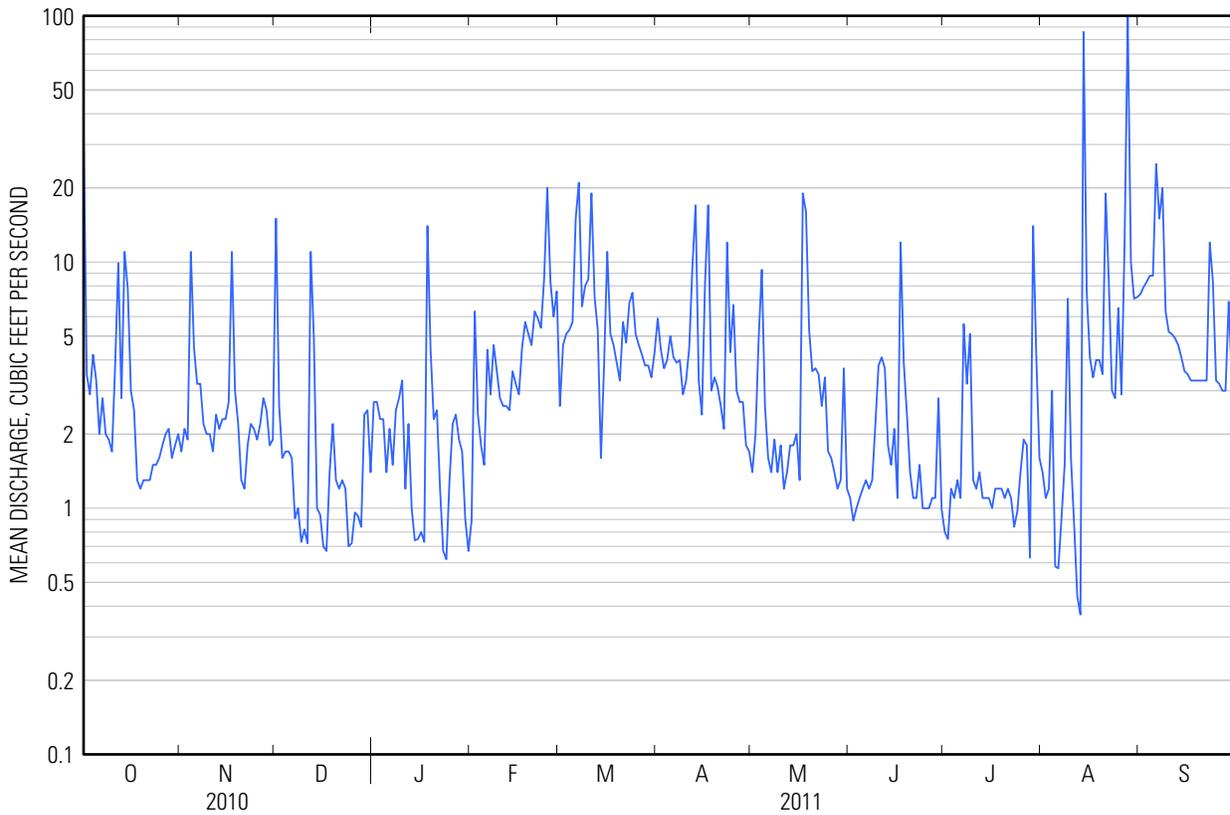
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2.55	1.93	2.27	2.28	2.13	2.97	2.99	2.47	2.57	2.32	2.68	2.21
Max	10.6	5.87	7.19	4.67	6.42	9.78	8.01	6.34	6.91	7.20	10.0	6.71
(WY)	(2006)	(2009)	(2009)	(1994)	(2008)	(2010)	(2010)	(2010)	(2008)	(2008)	(2011)	(2011)
Min	0.12	0.10	0.11	0.37	0.27	0.91	0.46	0.87	0.33	0.04	0.03	0.28
(WY)	(2002)	(2002)	(1999)	(2000)	(2000)	(1995)	(1999)	(1995)	(1994)	(2002)	(1999)	(1995)

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SUMMARY STATISTICS

	Calendar Year 2010	Water Year 2011	Water Years 1993 - 2011	
Annual total	1,546.58	1,575.71		
Annual mean	4.24	4.32	2.44	
Highest annual mean			5.83	2008
Lowest annual mean			0.80	1995
Highest daily mean	66 Mar 30	99 Aug 28	118	Oct 14, 2005
Lowest daily mean	0.14 Aug 21	0.37 Aug 13	0.00	Jul 13, 1999
Annual seven-day minimum	0.29 Aug 12	0.95 Dec 22	0.00	Jul 13, 1999
10 percent exceeds	8.8	8.3	5.7	
50 percent exceeds	2.6	2.5	1.0	
90 percent exceeds	0.66	1.0	0.16	



01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)
07-26-2011	0930	761	3.6	42	6.6	624	22.6	16	330

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
07-26-2011	0930	24.7	6.96	3.82	78.4	77.7	129	0.08	10.8	20.5

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Ammonia, water, filtered, mg/L as N (00608)	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)	Barium, water, unfiltered, recoverable, µg/L (01007)	Cadmium, water, unfiltered, µg/L (01027)	Chromium, water, unfiltered, recoverable, µg/L (01034)	Copper, water, unfiltered, recoverable, µg/L (01042)	Iron, water, filtered, µg/L (01046)
07-26-2011	0930	0.05	0.56	0.032	0.031	38.1	<0.050	0.93	2.1	739

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Iron, water, unfiltered, recoverable, µg/L (01045)	Lead, water, unfiltered, recoverable, µg/L (01051)	Manganese, water, filtered, µg/L (01056)	Manganese, water, unfiltered, recoverable, µg/L (01055)	Mercury, water, unfiltered, recoverable, µg/L (71900)	Silver, water, unfiltered, recoverable, µg/L (01077)	Zinc, water, unfiltered, recoverable, µg/L (01092)	Arsenic, water, unfiltered, µg/L (01002)	Selenium, water, unfiltered, µg/L (01147)
07-26-2011	0930	2,330	3.46	158	151	<0.005	<0.015	6.9	1.7	0.295

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	1,2,3-Trichloro-propane, water, unfiltered, recoverable, µg/L (77443)	1,2-Dibromo-3-chloro-propane, water, unfiltered, recoverable, µg/L (82625)	1,2-Dibromo-ethane, water, unfiltered, recoverable, µg/L (77651)	1,2-Dichloro-ethane, water, unfiltered, recoverable, µg/L (32103)	1,2-Dichloro-propane, water, unfiltered, recoverable, µg/L (34541)	1,3-Dichloro-propane, water, unfiltered, recoverable, µg/L (77173)	1,4-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	2,4,6-Trichloro-phenol, water, unfiltered, recoverable, µg/L (34621)
07-26-2011	0930	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	E0.0034	<0.34

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	2,4-Dichloro-phenol, water, unfiltered, recoverable,	2,4-Dimethyl-phenol, water, unfiltered, recoverable,	2,6-Diethyl-aniline, water, (0.7 micron glass fiber filter), recoverable,	2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable,	2-Chloro-4-isopropyl-amino-6-amino-s-triazine, water, filtered, recoverable,	2-Ethyl-6-methyl-aniline, water, filtered, recoverable,	2-Methyl-4,6-dinitro-phenol, water, unfiltered, recoverable,	3,4-Dichloro-aniline, water, filtered, recoverable,	3-Chloro-propene, water, unfiltered, recoverable,
		µg/L (34601)	µg/L (34606)	µg/L (82660)	µg/L (61618)	µg/L (04040)	µg/L (61620)	µg/L (34657)	µg/L (61625)	µg/L (78109)
07-26-2011	0930	<0.36	<0.8	<0.0060	<0.010	<0.006	<0.010	<2	<0.0042	<0.08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	4-Chloro-2-methyl-phenol, water, filtered, recoverable,	4-Chloro-3-methyl-phenol, water, filtered, recoverable,	4-Nitro-phenol, water, unfiltered, recoverable,	Aceto-chlor, water, filtered, recoverable,	Acrylo-nitrile, water, unfiltered, recoverable,	Alachlor, water, filtered, recoverable,	Aldrin, water, unfiltered, recoverable,	alpha-Endo-sulfan, water, unfiltered, recoverable,	Atrazine, water, filtered, recoverable,
		µg/L (61633)	µg/L (34452)	µg/L (34646)	µg/L (49260)	µg/L (34215)	µg/L (46342)	µg/L (39330)	µg/L (39388)	µg/L (39632)
07-26-2011	0930	<0.0046	<0.54	<0.52	<0.010	<0.80	<0.008	<0.013	<0.012	<0.008

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Azinphos-	Azinphos-	Benfluralin,	Bromo-	Carbaryl,	Carbon	Chlordane	Chlorpyrifos
		methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	methane, water, unfiltered, recoverable, µg/L (34413)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)	disulfide, water, unfiltered, µg/L (77041)	(technical), water, unfiltered, recoverable, µg/L (39350)	oxygen analog, water, filtered, recoverable, µg/L (61636)
07-26-2011	0930	<0.042	<0.120	<0.014	<0.2	<0.060	<0.1	<0.1	<0.06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Chlorpyrifos,	cis-	Permethrin,	Cyfluthrin,	Cypermethrin,	DCPA,	Desulfinyl-	Desulfinyl-	Diazinon,
		water, filtered, recoverable, µg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34704)	rin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	water, filtered, recoverable, µg/L (61585)	water, filtered, recoverable, µg/L (61586)	water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)	fipronil amide, water, filtered, recoverable, µg/L (62169)	fipronil, water, filtered, recoverable, µg/L (62170)	water, filtered, recoverable, µg/L (39572)
07-26-2011	0930	<0.0036	<0.10	<0.010	<0.016	<0.020	<0.0076	<0.029	0.004	<0.0060

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dieldrin, water, unfiltered, recoverable, µg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662)	Endrin, water, unfiltered, recoverable, µg/L (39390)	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)	Fenamiphos sulfone, water, filtered, recoverable, µg/L (61645)
07-26-2011	0930	E0.02	<0.08	<0.008	<0.008	<0.0060	<0.012	<0.021	<0.008	<0.054

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Fenamiphos sulfonide, water, filtered, recoverable, µg/L (61646)	Fenamiphos, water, filtered, recoverable, µg/L (61591)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Fonofos, water, filtered, recoverable, µg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, µg/L (39420)	Heptachlor, water, unfiltered, recoverable, µg/L (39410)	Hexachlorobenzene, water, unfiltered, recoverable, µg/L (39700)
07-26-2011	0930	<0.08	<0.030	<0.012	<0.024	<0.018	<0.0048	<0.009	<0.008	<0.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Hexazinone, water, filtered, recoverable, µg/L (04025)	Iodmethane, water, unfiltered, recoverable, µg/L (77424)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofenphos, water, filtered, recoverable, µg/L (61594)	Lindane, water, unfiltered, recoverable, µg/L (39340)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)
07-26-2011	0930	<0.008	<0.26	<0.014	<0.006	<0.014	<0.022	<0.016	<0.014	<0.012

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable,	Metolachlor, water, filtered, recoverable,	Metribuzin, water, filtered, recoverable,	Mirex, water, unfiltered, recoverable,	Myclobutanil, water, filtered, recoverable,	p,p'-DDD, water, unfiltered, recoverable,	p,p'-DDE, water, unfiltered, recoverable,	p,p'-DDT, water, unfiltered, recoverable,	
		µg/L (61664)	µg/L (82667)	µg/L (39415)	µg/L (82630)	µg/L (39755)	µg/L (61599)	µg/L (39360)	µg/L (39365)	µg/L (39370)
07-26-2011	0930	<0.014	<0.008	<0.020	<0.012	<0.0060	<0.010	<0.016	<0.014	<0.010

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	p,p'-Methoxychlor, water, unfiltered, recoverable,	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable,	Pentachlorophenol, water, unfiltered, recoverable,	Phorate oxygen analog, water, filtered, recoverable,	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable,	Phosmet oxygen analog, water, filtered, recoverable,	Phosmet, water, filtered, recoverable,	Prometon, water, filtered, recoverable,	Prometryn, water, filtered, recoverable,
		µg/L (39480)	µg/L (82683)	µg/L (39032)	µg/L (61666)	µg/L (82664)	µg/L (61668)	µg/L (61601)	µg/L (04037)	µg/L (04036)
07-26-2011	0930	<0.002	<0.012	<0.6	<0.027	<0.020	<0.0511	<0.140	E0.065	<0.006

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

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WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82676)	Simazine, water, filtered, recover- able, µg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82670)	Terbufos oxygen sulfone, water, filtered, recover- able, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	Terbuthyl- azine, water, filtered, recover- able, µg/L (04022)	Toxa- phene, water, unfiltered, recover- able, µg/L (39400)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, µg/L (34699)	Tribuphos, water, filtered, recover- able, µg/L (61610)
07-26-2011	0930	<0.0036	<0.006	<0.028	<0.045	<0.018	<0.006	<1	<0.14	<0.018

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82661)	PCBs, water, unfiltered, recover- able, µg/L (39516)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, µg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, µg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (34501)
07-26-2011	0930	<0.018	<0.1	<0.040	<0.030	<0.14	<0.034	<0.028	<0.044	<0.022

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	1,1-Di-chloro-propene, water, unfiltered, recoverable, µg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536)	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, µg/L (82626)
07-26-2011	0930	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	<0.30

WATER-QUALITY DATA

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170)	2,4-Dinitro-phenol, water, unfiltered, recoverable, µg/L (34616)	2,4-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34611)	2,6-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34626)	2-Chloro-naphthalene, water, unfiltered, recoverable, µg/L (34581)	2-Chloro-phenol, water, unfiltered, recoverable, µg/L (34586)	2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275)
07-26-2011	0930	<0.032	<0.024	<0.06	<2	<0.56	<0.4	<0.16	<0.26	<0.028

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220)	2-Nitro-phenol, water, unfiltered, recoverable, µg/L (34591)	3,3'-Dichloro-benzidine, water, unfiltered, recoverable, µg/L (34631)	4-Bromo-phenyl ether, water, unfiltered, recoverable, µg/L (34636)	4-Chloro-phenyl ether, water, unfiltered, recoverable, µg/L (34641)	4-Chloro-toluene, water, unfiltered, recoverable, µg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, µg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, µg/L (34381)	Acenaph-thene, water, unfiltered, recoverable, µg/L (34205)
07-26-2011	0930	<0.032	<0.4	<0.42	<0.24	<0.34	<0.042	<0.06	0.01	M

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Acenaphthylene, water, unfiltered, recoverable, µg/L (34200)	Acetone, water, unfiltered, recoverable, µg/L (81552)	Anthracene, water, unfiltered, recoverable, µg/L (34220)	Benzene, water, unfiltered, recoverable, µg/L (34030)	Benzo[a]-anthracene, water, unfiltered, recoverable, µg/L (34526)	Benzo[a]-pyrene, water, unfiltered, recoverable, µg/L (34247)	Benzo[a]-fluoranthene, water, unfiltered, recoverable, µg/L (34230)	Benzo-[ghi]-perylene, water, unfiltered, recoverable, µg/L (34521)	Benzo[k]-fluoranthene, water, unfiltered, recoverable, µg/L (34242)
07-26-2011	0930	<0.30	<3.4	<0.38	<0.026	<0.26	0.02	0.02	<0.38	<0.30

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Benzyl n-butyl phthalate, water, unfiltered, recoverable, µg/L (34292)	Bis(2-chloroethoxy)methane, water, unfiltered, recoverable, µg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, µg/L (34273)	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, µg/L (34283)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)	Bromo-benzene, water, unfiltered, recoverable, µg/L (81555)	Bromo-chloro-methane, water, unfiltered, recoverable, µg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, µg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, µg/L (50002)
07-26-2011	0930	E0.5	<0.24	<0.30	<0.14	<2.6	<0.022	<0.06	<0.034	<0.12

WATER-QUALITY DATA
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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Chlorobenzene, water, unfiltered, recoverable, µg/L (34301)	Chloroethane, water, unfiltered, recoverable, µg/L (34311)	Chloromethane, water, unfiltered, recoverable, µg/L (34418)	Chrysene, water, unfiltered, recoverable, µg/L (34320)	cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (77093)	Dibenzo-[a,h]-anthracene, water, unfiltered, recoverable, µg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, µg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, µg/L (30217)	Dichlorodifluoromethane, water, unfiltered, recoverable, µg/L (34668)
07-26-2011	0930	<0.026	<0.06	<0.1	0.01	0.069	<0.42	<0.12	<0.050	<0.10

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Dichloro-methane, water, unfiltered, recoverable, µg/L (34423)	Diethyl ether, water, unfiltered, recoverable, µg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336)	Diiso-propyl ether, water, unfiltered, recoverable, µg/L (81577)	Dimethyl phthalate, water, unfiltered, recoverable, µg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recoverable, µg/L (39110)	Di-n-octyl phthalate, water, unfiltered, recoverable, µg/L (34596)	Ethyl methacrylate, water, unfiltered, recoverable, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595)
07-26-2011	0930	<0.04	<0.1	0.18	<0.06	<0.36	E0.17	M	<0.20	<1.6

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Ethylbenzene, water, unfiltered, recoverable, µg/L (34371)	Fluoranthene, water, unfiltered, recoverable, µg/L (34376)	Hexachlorobutadiene, water, unfiltered, recoverable, µg/L (39702)	Hexachlorocyclopentadiene, water, unfiltered, recoverable, µg/L (34386)	Hexachloroethane, water, unfiltered, recoverable, µg/L (34396)	Indeno[1,2,3-cd]pyrene, water, unfiltered, recoverable, µg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133)	Iso-phorone, water, unfiltered, recoverable, µg/L (34408)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)
07-26-2011	0930	<0.036	0.05	<0.08	<0.50	<0.22	E0.01	<0.32	0.04	<0.042

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Methyl acetate, water, unfiltered, recoverable, µg/L (77032)	Methyl acrylate, water, unfiltered, recoverable, µg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, µg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, µg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)
07-26-2011	0930	<0.46	<0.8	<0.26	<0.22	0.23	<0.06	<0.050	<0.08	<0.18

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103)	n-Butyl benzene, water, unfiltered, recoverable, µg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, µg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, µg/L (34438)	N-Nitrosodipropylamine, water, unfiltered, recoverable, µg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, µg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, µg/L (77224)	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	Phenanthrene, water, unfiltered, recoverable, µg/L (34461)
07-26-2011	0930	<0.4	<0.08	<0.26	<0.24	<0.4	<0.28	<0.036	<0.032	0.02

WATER-QUALITY DATA

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Phenol, water, unfiltered, recoverable, µg/L (34694)	Pyrene, water, unfiltered, recoverable, µg/L (34469)	sec-Butylbenzene, water, unfiltered, recoverable, µg/L (77350)	Styrene, water, unfiltered, recoverable, µg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, µg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, µg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, µg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)
07-26-2011	0930	<0.28	0.04	<0.034	0.040	<0.6	<0.80	<0.032	<0.060	0.094

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[% , percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Tetrachloromethane, water, unfiltered, recoverable, µg/L (32102)	Tetrahydrofuran, water, unfiltered, recoverable, µg/L (81607)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Trichloroethene, water, unfiltered, recoverable, µg/L (39180)	Trichlorofluoromethane, water, unfiltered, recoverable, µg/L (34488)	Trichloromethane, water, unfiltered, recoverable, µg/L (32106)
07-26-2011	0930	<0.06	<1.4	0.08	<0.018	<0.4	<0.10	0.023	<0.06	0.04

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

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[%, percent; ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
07-26-2011	0930	<0.06