

Water-Data Report 2009

## 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 reinforced-concrete bridge in Brookville Park, opposite 144th Ave. and 1,300 ft southwest of South Conduit Ave., in Rosedale.

DRAINAGE AREA.--12.9 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

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

REVISED RECORDS.--WDR NY-08-2: Drainage area.

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

REMARKS.--Records good except those for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 246 ft<sup>3</sup>/s, Oct. 19, 1996, Jan. 3, 1999, from rating curve extended above 110 ft<sup>3</sup>/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 Sept. 1999 and July and Aug. 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 115 ft<sup>3</sup>/s, June 18, gage height, 3.02 ft; minimum discharge, 0.75 ft<sup>3</sup>/s, Mar. 13, 17; minimum gage height, 0.41 ft, Mar. 18.

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009  
DAILY MEAN VALUES  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e5.5	6.3	7.8	1.8	1.6	1.4	2.1	2.7	1.3	3.3	3.6	1.2
2	e4.8	4.6	6.3	1.7	1.5	1.5	1.9	3.3	1.4	14	7.4	0.97
3	e4.2	5.2	5.0	1.7	2.1	1.2	7.1	3.5	1.7	5.7	2.9	1.3
4	e4.2	6.5	4.9	1.6	1.9	1.1	3.8	5.6	7.0	3.3	2.7	1.2
5	e4.9	5.9	5.0	1.6	1.7	1.3	1.6	3.8	6.3	2.4	1.9	0.94
6	e4.4	6.8	4.7	2.3	1.6	1.6	4.5	8.6	3.5	2.1	2.7	0.92
7	e4.4	4.8	4.9	18	1.7	1.2	4.9	9.1	2.4	6.7	1.7	0.95
8	e4.5	9.9	4.2	4.1	1.7	1.1	1.4	3.0	1.7	3.2	1.6	1.2
9	5.2	5.5	4.7	3.0	1.5	1.0	2.3	10	17	2.7	1.9	1.0
10	4.7	4.9	5.3	2.8	1.5	0.95	2.3	2.4	2.7	1.7	3.5	1.2
11	4.4	4.7	16	2.4	1.6	1.2	8.5	2.4	2.8	1.8	1.7	11
12	4.3	4.5	41	1.8	2.0	1.2	1.9	2.4	17	7.2	11	3.3
13	4.8	5.7	7.8	1.7	1.6	0.82	1.4	1.7	3.1	2.8	2.7	2.5
14	4.4	5.8	7.6	1.7	1.4	1.0	1.6	1.6	2.6	1.9	2.4	1.4
15	4.4	11	7.5	1.6	1.4	1.1	4.5	2.0	4.4	1.8	2.3	1.1
16	4.5	9.0	7.5	1.4	1.4	0.98	1.7	1.9	3.1	1.9	1.4	0.91
17	4.3	6.2	10	1.4	1.3	0.91	1.8	1.7	2.5	1.7	1.0	0.89
18	4.2	5.0	6.9	1.6	2.9	1.0	1.8	1.7	30	1.6	1.0	0.91
19	4.3	4.9	7.3	1.8	4.0	1.2	1.7	2.6	4.4	1.5	1.2	0.98
20	4.1	4.8	7.0	2.0	1.6	1.6	10	4.0	5.3	1.9	1.4	0.88
21	5.1	4.6	13	1.6	1.4	1.3	12	1.7	9.5	7.7	5.8	0.84
22	4.5	4.2	6.1	1.5	1.4	1.2	2.9	1.7	4.8	3.0	13	0.93
23	4.1	4.3	6.1	2.3	1.5	1.2	2.8	1.8	3.7	5.0	2.6	0.91
24	4.1	4.5	7.1	1.6	1.4	1.2	1.4	2.3	3.9	5.2	1.7	1.1
25	6.8	10	4.9	1.4	1.5	1.3	2.1	2.1	3.3	2.5	2.0	1.1
26	9.4	5.0	2.1	1.4	2.1	1.7	1.5	2.0	8.4	3.0	e1.9	1.1
27	5.0	4.6	3.0	1.4	1.9	4.1	1.3	2.0	4.9	3.8	e1.9	13
28	31	4.5	2.5	12	1.5	1.4	1.4	3.4	2.4	3.2	e11	6.8
29	7.5	4.4	2.1	4.4	---	5.1	1.5	12	2.5	3.3	e8.8	3.8
30	6.8	8.0	2.4	2.0	---	3.7	1.5	2.3	3.5	4.0	2.7	2.2
31	6.7	---	2.3	2.5	---	1.2	---	1.4	---	8.1	2.4	---
<b>Total</b>	181.5	176.1	223.0	88.1	48.7	46.76	95.2	106.7	167.1	118.0	109.8	66.53
<b>Mean</b>	5.85	5.87	7.19	2.84	1.74	1.51	3.17	3.44	5.57	3.81	3.54	2.22
<b>Max</b>	31	11	41	18	4.0	5.1	12	12	30	14	13	13
<b>Min</b>	4.1	4.2	2.1	1.4	1.3	0.82	1.3	1.4	1.3	1.5	1.0	0.84

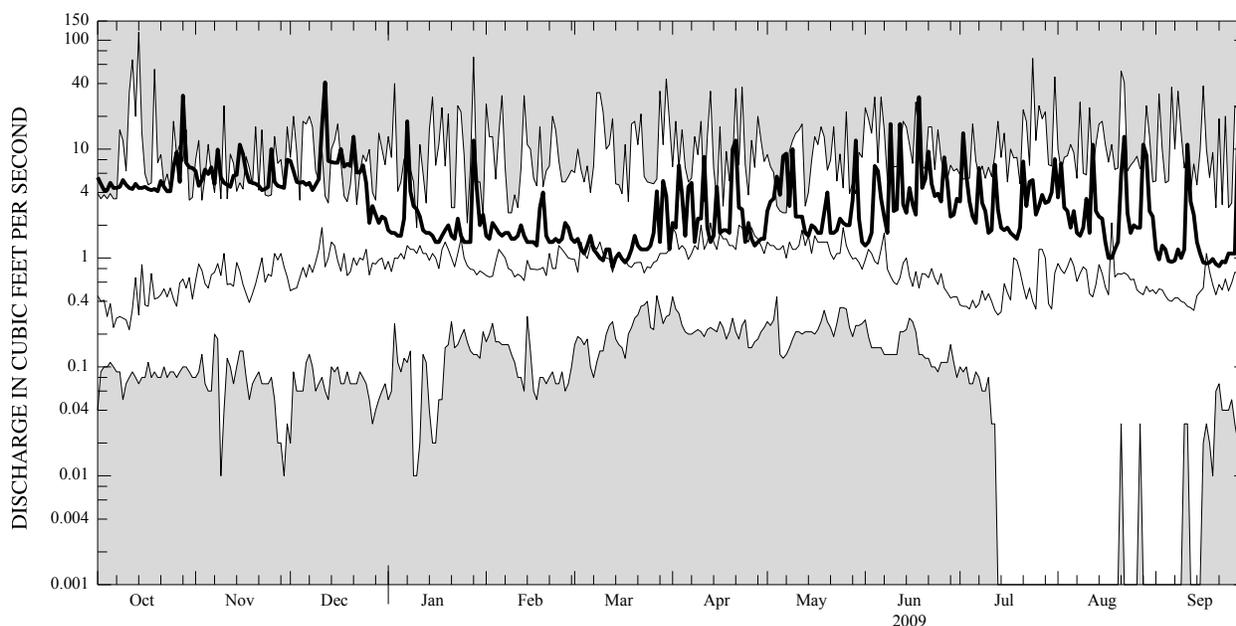
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	2.35	1.85	2.14	2.27	1.84	2.29	2.52	2.14	2.50	2.30	2.23	1.96
<b>Max</b>	10.6	5.87	7.19	4.67	6.42	6.79	5.22	4.75	6.91	7.20	7.23	6.67
<b>(WY)</b>	(2006)	(2009)	(2009)	(1994)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)
<b>Min</b>	0.12	0.10	0.11	0.37	0.27	0.91	0.46	0.87	0.33	0.04	0.03	0.28
<b>(WY)</b>	(2002)	(2002)	(1999)	(2000)	(2000)	(1995)	(1999)	(1995)	(1994)	(2002)	(1999)	(1995)

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SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1993 - 2009	
Annual total	2,244.3		1,427.49			
Annual mean	6.13		3.91		2.18	
Highest annual mean					5.83	2008
Lowest annual mean					0.80	1995
Highest daily mean	41	Dec 12	41	Dec 12	118	Oct 14, 2005
Lowest daily mean	1.5	Jan 31	0.82	Mar 13	0.00	Jul 13, 1999
Annual seven-day minimum	2.1	Jan 25	0.91	Sep 16	0.00	Jul 13, 1999
10 percent exceeds	11		7.6		5.1	
50 percent exceeds	5.0		2.5		0.91	
90 percent exceeds	2.7		1.2		0.14	



CURRENT WATER YEAR DAILY MEAN DISCHARGE (BOLD) WITH DAILY MEDIAN FOR PERIOD OF RECORD.  
 SHADED AREAS SHOW HIGHEST AND LOWEST DAILY MEAN FOR PERIOD OF RECORD THROUGH PREVIOUS WATER YEAR.  
 ZERO OR NEGATIVE FLOWS ARE PLOTTED AS 0.001 DISCHARGE, WHICH MAY INCLUDE THE LOWEST DAILY MEAN FOR PERIOD OF RECORD.

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

## WATER-QUALITY RECORDS

WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 26

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Sample start time	Discharge, instantaneous, ft <sup>3</sup> /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, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, unfiltered, recoverable, mg/L (00927)
08-19-2009	1100	1.1	5.1	6.6	761	23.7	18	435	30.0	7.46

WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	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 <sub>3</sub> (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO <sub>2</sub> (00955)	Sulfate, water, filtered, mg/L (00945)	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)
08-19-2009	3.83	97.8	82	168	E .04	10.4	25.9	.044	.44	.014

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	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, unfiltered, recoverable, μg/L (01046)	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)
08-19-2009	.010	51.6	< .06	E .36	< 4.0	469	3,250	2.18	299	314

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	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)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, μg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)
08-19-2009	< .010	< .06	4.9	2.5	.24	< .12	< 1.0	< .04	< .1	E .02

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	1,3-Dichloropropane, water, unfiltered, recoverable, μg/L (77173)	1,4-Dichlorobenzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, μg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)
08-19-2009	< .1	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010

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WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, μg/L (34657)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, μg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)
08-19-2009	< 0.77	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01

WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)	Azinphosmethyl oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Bromo-methane, water, unfiltered, recoverable, μg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82680)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)
08-19-2009	< .01	< .007	< .04	< .120	< .014	< .4	E .046	< .04	< .1

WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82687)	Cyfluthrin, water, filtered, recoverable, μg/L (61585)	Cypermethrin, water, filtered, recoverable, μg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfinylfipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfinylfipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)
08-19-2009	< .05	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dieldrin, water, unfiltered, recover- able, μg/L (39380)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Endrin, water, unfiltered, recover- able, μg/L (39390)	Ethion monoxon, water, filtered, recover- able, μg/L (61644)	Ethion, water, filtered, recover- able, μg/L (82346)	Fenami- phos sulfone, water, filtered, recover- able, μg/L (61645)	Fenami- phos sulfoxide, water, filtered, recover- able, μg/L (61646)
08-19-2009	< .02	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Fenami- phos, water, filtered, recover- able, μg/L (61591)	Fipronil sulfone, water, filtered, recover- able, μg/L (62168)	Fipronil, water, filtered, recover- able, μg/L (62166)	Fonofos, water, filtered, recover- able, μg/L (04095)	Heptachlor epoxide, water, unfiltered, recover- able, μg/L (39420)	Heptachlor, water, unfiltered, recover- able, μg/L (39410)	Hexa- chloro- benzene, water, unfiltered, recover- able, μg/L (39700)	Hexa- zinone, water, filtered, recover- able, μg/L (04025)	Iodo- methane, water, unfiltered, recover- able, μg/L (77424)	Iprodione, water, filtered, recover- able, μg/L (61593)
08-19-2009	< .03	< .024	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Isofenphos, water, filtered, recover- able, μg/L (61594)	Lindane, water, unfiltered, recover- able, μg/L (39340)	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)
08-19-2009	< .006	< .014	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Mirex, water, unfiltered, recover- able, μg/L (39755)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	p,p'-DDD, water, unfiltered, recover- able, μg/L (39360)	p,p'-DDE, water, unfiltered, recover- able, μg/L (39365)	p,p'-DDT, water, unfiltered, recover- able, μg/L (39370)	p,p'- Methoxy- chlor, water, unfiltered, recover- able, μg/L (39480)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Penta- chloro- phenol, water, unfiltered, recover- able, μg/L (39032)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)
08-19-2009	< .006	< .010	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020

**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	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 analog 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)
08-19-2009	< .05	< .200	.02	< .006	< .004	< .010	< .02	< .04	< .02	< .01

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Toxaphene, 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)	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)
08-19-2009	< 1	< .10	< .035	< .012	< .1	< .04	< .02	< .10	< .04	< .06

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)
08-19-2009	< .04	< .02	< .04	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	1,2- Diphenyl- hydrazine, water, unfiltered, recover- able, μg/L (82626)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)	2,2-Di- chloro- propane, water, unfiltered, recover- able, μg/L (77170)	2,4-Dinitro- phenol, water, unfiltered, recover- able, μg/L (34616)	2,4-Dinitro- toluene, water, unfiltered, recover- able, μg/L (34611)	2,6-Dinitro- toluene, water, unfiltered, recover- able, μg/L (34626)	2-Chloro- naph- thalene, water, unfiltered, recover- able, μg/L (34581)	2-Chloro- phenol, water, unfiltered, recover- able, μg/L (34586)	2-Chloro- toluene, water, unfiltered, recover- able, μg/L (77275)
08-19-2009	< 0.30	< .04	< .02	< .06	< 1	< 0.6	< 0.43	< 0.2	< 0.42	< .02

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	2-Ethyl- toluene, water, unfiltered, recover- able, μg/L (77220)	2-Nitro- phenol, water, unfiltered, recover- able, μg/L (34591)	3,3'- Dichloro- benzidine, water, unfiltered, recover- able, μg/L (34631)	4-Bromo- phenyl ether, water, unfiltered, recover- able, μg/L (34636)	4-Chloro- phenyl ether, water, unfiltered, recover- able, μg/L (34641)	4-Chloro- toluene, water, unfiltered, recover- able, μg/L (77277)	4-Iso- propyl- toluene, water, unfiltered, recover- able, μg/L (77356)	9H- Fluorene, water, unfiltered, recover- able, μg/L (34381)	Acenaph- thene, water, unfiltered, recover- able, μg/L (34205)	Acenaph- thylene, water, unfiltered, recover- able, μg/L (34200)
08-19-2009	< .02	< 0.4	< 0.4	< 0.36	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Acetone, water, unfiltered, recover- able, μg/L (81552)	Anthra- cene, water, unfiltered, recover- able, μg/L (34220)	Benzene, water, unfiltered, recover- able, μg/L (34030)	Benzo[a]- anthra- cene, water, unfiltered, recover- able, μg/L (34526)	Benzo[a]- pyrene, water, unfiltered, recover- able, μg/L (34247)	Benzo[a]- fluor- anthene, water, unfiltered, recover- able, μg/L (34230)	Benzo[ghi]- perylene, water, unfiltered, recover- able, μg/L (34521)	Benzo[k]- fluoran- thene, water, unfiltered, recover- able, μg/L (34242)	Benzy l n- butyl phthalate, water, unfiltered, recover- able, μg/L (34292)	Bis(2- chloro- ethoxy)- methane, water, unfiltered, recover- able, μg/L (34278)
08-19-2009	E 2	M	< .02	< 0.26	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2

**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Bis(2- chloroethyl) ether, water, unfiltered, recover- able, μg/L (34273)	Bis(2- chloro- isopropyl) ether, water, unfiltered, recover- able, μg/L (34283)	Bis(2-ethyl- hexyl) phthalate, water, unfiltered, recover- able, μg/L (39100)	Bromo- benzene, water, unfiltered, recover- able, μg/L (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, μg/L (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, μg/L (32101)	Bromo- ethene, water, unfiltered, recover- able, μg/L (50002)	Chloro- benzene, water, unfiltered, recover- able, μg/L (34301)	Chloro- ethane, water, unfiltered, recover- able, μg/L (34311)	Chloro- methane, water, unfiltered, recover- able, μg/L (34418)
08-19-2009	< 0.30	< 0.38	< 2	< .02	< .06	< .04	< .1	< .02	< .1	< .1

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	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)	Dibromochloromethane, water, unfiltered, recoverable, μg/L (32105)	Dibromomethane, water, unfiltered, recoverable, μg/L (30217)	Dichlorodifluoromethane, water, unfiltered, recoverable, μg/L (34668)	Dichloromethane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diethyl phthalate, water, unfiltered, recoverable, μg/L (34336)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)
08-19-2009	< 0.33	E .03	< 0.4	< .1	< .04	< .10	< 0.04	< .1	< 0.61	< .06

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WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	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)	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)
08-19-2009	< 0.4	< 1	< 0.6	< .1	< 1.6	< .04	M	< .1	< 0.4	< .1

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Indeno[1,2,3-cd]pyrene, water, unfiltered, recoverable, μg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isophorone, water, unfiltered, recoverable, μg/L (34408)	Isopropylbenzene, water, unfiltered, recoverable, μg/L (77223)	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)
08-19-2009	< 0.4	< .4	< 0.4	< .04	< .4	< .6	< .2	< .2	.16	< .06

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	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)	n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103)	n-Butylbenzene, 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)
08-19-2009	E .07	< .08	< .2	< .6	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	Phenanthrene, water, unfiltered, recoverable, µg/L (34461)	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)
08-19-2009	< .04	M	< .4	M	< .02	< .04	< .6	< 1.00	< .04	< .06

**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	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)
08-19-2009	.12	< .06	< 1	E .04	< .02	< .4	< .10	E .04	< .08	E .06

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; ft<sup>3</sup>/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]

Date	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)
08-19-2009	< .1