



Water-Data Report 2009

404022073495701 Local number Q 2384. 1

Northern Atlantic Coastal Plain aquifer system  
 Jameco Aquifer  
 Queens County, NY

LOCATION.--Lat 40°40'22", long 73°49'57" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 153 ft. Upper casing diameter 12 in; top of first opening 119 ft, bottom of last opening 150 ft.

DATUM.--Land-surface datum is 27 ft above National Geodetic Vertical Datum of 1929.

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

Part 1 of 25

[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; 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; U, analyzed for but not detected]

Date	Sample start time	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)	Potassium, water, unfiltered, recoverable, mg/L (00937)
09-23-2009	0940	3.9	7.7	1,050	14.2	1.4	595	80.2	43.0	2.50

404022073495701 Local number Q 2384. 1—Continued

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

Part 2 of 25

[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; 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; U, analyzed for but not detected]

Date	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, water, unfiltered, fixed endpoint titration, laboratory, mg/L as CaCO <sub>3</sub> (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	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)
09-23-2009	45.4	157	147	E .09	U	20.6	90.3	< .020	12.4	< .002

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

Part 3 of 25

[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; 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; U, analyzed for but not detected]

Date	Orthophosphate, water, filtered, mg/L as P (00671)	Barium, water, unfiltered, recoverable, μg/L (01007)	Cadmium, water, unfiltered, recoverable, μg/L (01027)	Chromium, water, unfiltered, recoverable, μg/L (01034)	Copper, water, unfiltered, recoverable, μg/L (01042)	Iron, water, filtered, recoverable, μg/L (01046)	Iron, water, unfiltered, recoverable, μg/L (01045)	Lead, water, unfiltered, recoverable, μg/L (01051)	Manganese, water, filtered, recoverable, μg/L (01056)	Manganese, water, unfiltered, recoverable, μg/L (01055)
09-23-2009	.032	71.0	< .06	3.3	< 4.0	72	88	.89	14.2	49.3

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

Part 4 of 25

[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; 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; U, analyzed for but not detected]

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, recoverable, μg/L (01002)	Selenium, water, unfiltered, recoverable, μg/L (01147)	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)
09-23-2009	< .010	< .06	< 2.0	.78	.80	< .12	< 1.0	< .04	< .1	< .02

## 404022073495701 Local number Q 2384. 1—Continued

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

Part 5 of 25

[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; 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; U, analyzed for but not detected]

Date	1,3-Di-chloro-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)	2,4-Dichloro-phenol, water, unfiltered, recoverable, μg/L (34601)	2,4-Dimethyl-phenol, water, unfiltered, recoverable, μg/L (34606)	2,6-Diethyl-water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)
09-23-2009	< .1	< .02	< .04	< 0.6	< 0.39	< .8	< .006	< .010	< .014	< .010

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

Part 6 of 25

[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; 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; U, analyzed for but not detected]

Date	2-Methyl-4,6-dinitro-phenol, water, unfiltered, recoverable, μg/L (34657)	3,4-Dichloro-aniline, water, filtered, recoverable, μg/L (61625)	3-Chloro-propene, water, unfiltered, recoverable, μg/L (78109)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, μg/L (61633)	4-Chloro-3-methyl-phenol, water, filtered, recoverable, μg/L (34452)	4-Nitro-phenol, water, unfiltered, recoverable, μg/L (34646)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acrylo-nitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldrin, water, unfiltered, recoverable, μg/L (39330)
09-23-2009	< 0.77	< .004	< .08	< .005	< 0.55	< 0.51	< .010	< 0.4	< .008	< .01

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

Part 7 of 25

[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; 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; U, analyzed for but not detected]

Date	alpha-Endosulfan, water, unfiltered, recoverable, μg/L (39388)	Atrazine, water, filtered, recoverable, μg/L (39632)	Azinphos-methyl oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82686)	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, recoverable, μg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, μg/L (39350)
09-23-2009	< .01	< .007	< .04	< .120	< .014	< .4	< .200	< .04	< .1

404022073495701 Local number Q 2384. 1—Continued

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

Part 8 of 25

[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; 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; U, analyzed for but not detected]

Date	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlorpyrifos, water, filtered, recoverable, μg/L (38933)	cis-1,3-Di- chloro- propene, 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)	Cyper- methrin, water, filtered, recoverable, μg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfinyl- fipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfinyl- fipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)
09-23-2009	< .05	< .010	< .10	< .014	< .016	< .020	< .006	< .029	< .012	< .005

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

Part 9 of 25

[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; 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; U, analyzed for but not detected]

Date	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicroto- phos, water, filtered, recoverable, μg/L (38454)	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dieldrin, water, unfiltered, recoverable, μg/L (39380)	Dimetho- ate, 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)	Fenami- phos sulfone, water, filtered, recoverable, μg/L (61645)	Fenami- phos sulfoxide, water, filtered, recoverable, μg/L (61646)
09-23-2009	< .02	< .08	< .009	< .008	< .006	< .01	< .02	< .012	< .053	< .08

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

Part 10 of 25

[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; 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; U, analyzed for but not detected]

Date	Fenami- phos, water, filtered, recoverable, μg/L (61591)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	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)	Hexa- chloro- benzene, water, unfiltered, recoverable, μg/L (39700)	Hexa- zinone, water, filtered, recoverable, μg/L (04025)	Iodo- methane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)
09-23-2009	< .03	< .013	< .040	< .010	< .009	< .01	< 0.30	< .008	< .80	< .014

404022073495701 Local number Q 2384. 1—Continued

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

Part 11 of 25

[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; 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; U, analyzed for but not detected]

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)
09-23-2009	< .006	< .014	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016

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

Part 12 of 25

[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; 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; U, analyzed for but not detected]

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)
09-23-2009	< .006	< .010	< .016	< .014	< .010	< .002	< .012	< 1	< .03	< .020

404022073495701 Local number Q 2384. 1—Continued

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

Part 13 of 25

[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; 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; U, analyzed for but not detected]

Date	Phosmet oxygen analog, water, filtered, recoverable, μg/L (61668)	Phosmet, water, filtered, recoverable, μg/L (61601)	Prometon, water, filtered, recoverable, μg/L (04037)	Prometryn, water, filtered, recoverable, μg/L (04036)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82676)	Simazine, water, filtered, recoverable, μg/L (04035)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recoverable, μg/L (61674)	Terbuthyl-azine, water, filtered, recoverable, μg/L (04022)	Toxaphene, water, unfiltered, recoverable, μg/L (39400)
09-23-2009	< .05	< .200	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1

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

Part 14 of 25

[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; 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; U, analyzed for but not detected]

Date	trans-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34699)	Tribuphos, water, filtered, recoverable, μg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	PCBs, water, unfiltered, recoverable, μg/L (39516)	1,1,1,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)
09-23-2009	< .10	< .035	< .012	< .1	< .04	E .03	< .10	< .04	< .06	< .04

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

Part 15 of 25

[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; 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; U, analyzed for but not detected]

Date	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	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)
09-23-2009	< .02	< .04	< .1	< .1	< .1	< .1	< 0.04	< .04	< .02	< 0.30

404022073495701 Local number Q 2384. 1—Continued

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

Part 16 of 25

[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; 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; U, analyzed for but not detected]

Date	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)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)
09-23-2009	< .04	< .02	< .06	< 1	< 0.6	< 0.43	< 0.2	< 0.42	< .02	< .02

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

Part 17 of 25

[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; 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; U, analyzed for but not detected]

Date	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)	Acenaph-ethylene, water, unfiltered, recoverable, μg/L (34200)	Acetone, water, unfiltered, recoverable, μg/L (81552)
09-23-2009	< 0.4	< 0.4	< 0.36	< 0.34	< .02	< .06	< 0.33	< 0.28	< 0.30	< 4

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

Part 18 of 25

[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; 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; U, analyzed for but not detected]

Date	Anthra-cene, water, unfiltered, recoverable, μg/L (34220)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Benzo[a]-anthra-cene, water, unfiltered, recoverable, μg/L (34526)	Benzo[a]-pyrene, water, unfiltered, recoverable, μg/L (34247)	Benzo[a]-fluor-anthene, water, unfiltered, recoverable, μg/L (34230)	Benzo[ghi]-perylene, water, unfiltered, recoverable, μg/L (34521)	Benzo[k]-fluoran-thene, water, unfiltered, recoverable, μg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, μg/L (34292)	Bis(2-chloro-ethoxy)-methane, water, unfiltered, recoverable, μg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, μg/L (34273)
09-23-2009	< 0.39	< .02	< 0.26	< 0.33	< 0.40	< 0.4	< 0.4	< 2	< 0.2	< 0.30

404022073495701 Local number Q 2384. 1—Continued

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

Part 19 of 25

[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; 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; U, analyzed for but not detected]

Date	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, μg/L (34283)	Bis(2-ethyl-hexyl) 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)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	Chrysene, water, unfiltered, recoverable, μg/L (34320)
09-23-2009	< 0.38	< 2	< .02	< .06	< .04	< .1	< .02	< .1	< .1	< 0.33

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

Part 20 of 25

[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; 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; U, analyzed for but not detected]

Date	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibenzo-[a,h]anthra-cene, water, unfiltered, recoverable, μg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, 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)	Dimethyl phthalate, water, unfiltered, recoverable, μg/L (34341)
09-23-2009	< .02	< 0.4	< .1	< .04	< .10	< 0.04	< .1	< 0.61	< .06	< 0.4

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

Part 21 of 25

[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; 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; U, analyzed for but not detected]

Date	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)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Fluoran-thene, water, unfiltered, recoverable, μg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-cyclopenta-diene, water, unfiltered, recoverable, μg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, μg/L (34403)
09-23-2009	< 1	< 0.6	< .1	< 1.6	< .04	< 0.30	< .1	< 0.4	< .1	< 0.4

404022073495701 Local number Q 2384. 1—Continued

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

Part 22 of 25

[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; 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; U, analyzed for but not detected]

Date	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)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)
09-23-2009	< .4	< 0.4	< .04	< .4	< .6	< .2	< .2	< .10	< .06	< .10

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

Part 23 of 25

[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; 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; U, analyzed for but not detected]

Date	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-Nitrosopropylamine, 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)
09-23-2009	< .08	< .2	< .6	< .1	< 0.2	< 0.2	< 0.4	< 0.4	< .04	< .04

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

Part 24 of 25

[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; 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; U, analyzed for but not detected]

Date	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)	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)
09-23-2009	< 0.32	< .4	< 0.35	< .02	< .04	< .6	< 1.00	< .04	< .06	< .04

404022073495701 Local number Q 2384. 1—Continued

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

Part 25 of 25

[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; 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; U, analyzed for but not detected]

Date	Tetra- chloro- methane, water, unfiltered, recover- able, μg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, μg/L (81607)	Toluene, water, unfiltered, recover- able, μg/L (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, μg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, μg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, μg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, μg/L (39180)	Trichloro- fluoro- methane, water, unfiltered, recover- able, μg/L (34488)	Trichloro- methane, water, unfiltered, recover- able, μg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, μg/L (39175)
09-23-2009	.14	< 1	< .02	< .02	< .4	< .10	< .02	< .08	.12	< .1