



Water-Data Report 2011

**403426073583201 Local number K 2510. 1**

Northern Atlantic Coastal Plain aquifer system  
Jameco Aquifer

Kings County, NY

LOCATION.--Lat 40°34'26", long 73°58'32" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 206 ft. Upper casing diameter 12.0 in; top of first opening 180 ft, bottom of last opening 206 ft.

DATUM.--Land-surface datum is 73 ft above National Geodetic Vertical Datum of 1929.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 28

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

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)	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)	Sodium, water, unfiltered, recoverable, mg/L (00929)
06-01-2011	0930	2.3	7.4	43,600	13.5	29,300	333	1,010	304	8,480

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	ANC, water, unfiltered, fixed endpoint titration, (pH 4.5) 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)	Orthophosphate, water, filtered, mg/L as P (00671)
06-01-2011	0930	137	16,200	0.80	8.61	2,180	1.83	0.03	0.003	0.020

## 403426073583201 Local number K 2510. 1—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 3 of 28

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	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)
06-01-2011	0930	38.6	< .850	< 3.6	< 11.9	48.5	72.9	< .61	2,870	3,520

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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-Tri-chloro-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)
06-01-2011	0930	< .005	< .255	< 40.8	4.4	< .850	< .120	< .400	< .028	< .08

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	1,2-Dichloro-propane, water, unfiltered, recoverable, µg/L (34541)	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-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, µg/L (61618)
06-01-2011	0930	< .0260	< .06	< .026	< .0360	< .34	< .36	< .8	< .0060	< .010

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 6 of 28

[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable, µg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, µg/L (61620)	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)	Aceto-chlor, water, filtered, recoverable, µg/L (49260)
06-01-2011	0930	< .006	< .010	< 2	< .0042	< .08	< .0046	< .54	< .52	< .010

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Acrylo-nitrile, water, unfiltered, recoverable, µg/L (34215)	Alachlor, water, filtered, recoverable, µg/L (46342)	Aldrin, water, unfiltered, recoverable, µg/L (39330)	alpha-Endo-sulfan, 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)
06-01-2011	0930	< .80	< .008	< .013	< .012	0.005	< .042	< .120	< .014	< .2

**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	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-Permeth-rin, 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)
06-01-2011	0930	< .060	< .1	< .1	< .06	< .0036	< .10	< .010	< .016	< .020

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**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	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)
06-01-2011	0930	< .0076	< .029	< .012	< .0060	< .04	< .08	< .008	< .008	< .0060

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	Fenami-phos, 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)
06-01-2011	0930	< .012	< .021	< .008	< .054	< .08	< .030	< .012	< .024	< .018

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	Isofen-phos, water, filtered, recoverable, µg/L (61594)	Lindane, water, unfiltered, recoverable, µg/L (39340)
06-01-2011	0930	< .0048	< .009	< .008	< .30	< .008	< .26	< .014	< .006	< .014

## 403426073583201 Local number K 2510. 1—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)	Methyl parathion, water, filtered, recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)	Mirex, water, unfiltered, recoverable, µg/L (39755)
06-01-2011	0930	< .022	< .016	< .014	< .012	< .014	< .008	< .020	< .012	< .0060

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Myclobutanil, water, filtered, recoverable, µg/L (61599)	p,p'-DDD, water, unfiltered, recoverable, µg/L (39360)	p,p'-DDE, water, unfiltered, recoverable, µg/L (39365)	p,p'-DDT, water, unfiltered, recoverable, µg/L (39370)	p,p'-Methoxychlor, water, unfiltered, recoverable, µg/L (39480)	Pendimethalin, water, filtered, recoverable, µg/L (82683)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered, recoverable, µg/L (82664)
06-01-2011	0930	< .010	< .016	< .014	< .010	< .002	< .012	< .6	< .027	< .020

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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, recoverable, µg/L (82676)	Simazine, water, filtered, recoverable, µg/L (04035)	Tebu-thiuron, water, filtered, recoverable, µg/L (82670)	Terbufos oxygen sulfone, water, filtered, recoverable, µg/L (61674)	Terbufos, water, filtered, recoverable, µg/L (82675)
06-01-2011	0930	< .0511	< .140	< .012	< .006	< .0036	0.118	< .028	< .045	< .018

## 403426073583201 Local number K 2510. 1—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Terbutylazine, water, filtered, recoverable, µg/L (04022)	Toxaphene, water, unfiltered, recoverable, µg/L (39400)	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-Tetrachloroethane, water, unfiltered, recoverable, µg/L (77562)	1,1,1-Tri-chloroethane, water, unfiltered, recoverable, µg/L (34506)	1,1,2,2-Tetra-chloroethane, water, unfiltered, recoverable, µg/L (34516)
06-01-2011	0930	< .006	< 1	< .14	< .018	< .018	< .1	< .040	< .030	< .14

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	1,1,2-Tri-chloro-1,2,2-trifluoroethane, water, unfiltered, recoverable, µg/L (77652)	1,1,2-Tri-chloroethane, water, unfiltered, recoverable, µg/L (34511)	1,1-Di-chloroethane, water, unfiltered, recoverable, µg/L (34496)	1,1-Di-chloroethene, water, unfiltered, recoverable, µg/L (34501)	1,1-Di-chloropropene, water, unfiltered, recoverable, µg/L (77168)	1,2,3,4-Tetra-methylbenzene, water, unfiltered, recoverable, µg/L (49999)	1,2,3,5-Tetra-methylbenzene, water, unfiltered, recoverable, µg/L (50000)	1,2,3-Tri-chlorobenzene, water, unfiltered, recoverable, µg/L (77613)	1,2,3-Tri-methylbenzene, water, unfiltered, recoverable, µg/L (77221)
06-01-2011	0930	< .034	< .028	0.043	< .022	< .040	< .10	< .080	< .06	< .060

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	1,2,4-Tri-chlorobenzene, water, unfiltered, recoverable, µg/L (34551)	1,2,4-Tri-methylbenzene, water, unfiltered, recoverable, µg/L (77222)	1,2-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34536)	1,2-Diphenylhydrazine, water, unfiltered, recoverable, µg/L (82626)	1,3,5-Tri-methylbenzene, water, unfiltered, recoverable, µg/L (77226)	1,3-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34566)	2,2-Di-chloropropane, water, unfiltered, recoverable, µg/L (77170)	2,4-Dinitrophenol, water, unfiltered, recoverable, µg/L (34616)	2,4-Dinitrotoluene, water, unfiltered, recoverable, µg/L (34611)
06-01-2011	0930	< .08	< .032	< .028	< .30	< .032	< .024	< .06	< 2	< .56

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**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	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)
06-01-2011	0930	< .4	< .16	< .26	< .028	< .032	< .4	< .42	< .24	< .34

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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-thylene, water, unfiltered, recoverable, µg/L (34200)	Acetone, water, unfiltered, recoverable, µg/L (81552)	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)
06-01-2011	0930	< .042	< .06	< .34	< .28	< .30	< 3.4	< .38	< .026	< .26

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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-chloro-ethyl) ether, water, unfiltered, recoverable, µg/L (34273)	Bis(2-chloro-isopropyl) ether, water, unfiltered, recoverable, µg/L (34283)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)
06-01-2011	0930	< .32	< .30	< .38	< .30	< 1.8	< .24	< .30	< .14	< 2.6

## 403426073583201 Local number K 2510. 1—Continued

**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	cis-1,2-Dichloro-ethene, water, unfiltered, recoverable, µg/L (77093)
06-01-2011	0930	< .022	< .06	< .034	< .12	< .026	< .06	< .1	< .32	< .022

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	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)
06-01-2011	0930	< .42	< .12	< .050	< .10	< .04	< .1	< .62	< .06	< .36

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	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)	Fluoranthene, water, unfiltered, recoverable, µg/L (34376)	Hexachloro-butadiene, water, unfiltered, recoverable, µg/L (39702)	Hexachloro-cyclopentadiene, water, unfiltered, recoverable, µg/L (34386)	Hexachloro-ethane, water, unfiltered, recoverable, µg/L (34396)
06-01-2011	0930	< 2.00	< .6	< .20	< 1.6	< .036	< .30	< .08	< .50	< .22

## 403426073583201 Local number K 2510. 1—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Indeno- [1,2,3-cd]- pyrene, water, unfiltered, recover- able, µg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recover- able, µg/L (78133)	Iso- phorone, water, unfiltered, recover- able, µg/L (34408)	Isopropyl- benzene, water, unfiltered, recover- able, µg/L (77223)	Methyl acetate, water, unfiltered, recover- able, µg/L (77032)	Methyl acrylate, water, unfiltered, recover- able, µg/L (49991)	Methyl acrylo- nitrile, water, unfiltered, recover- able, µg/L (81593)	Methyl metha- crylate, water, unfiltered, recover- able, µg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recover- able, µg/L (78032)
06-01-2011	0930	< .38	< .32	< .26	< .042	< .46	< .8	< .26	< .22	0.08

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Methyl tert-pentyl ether, water, unfiltered, recover- able, µg/L (50005)	Methylene blue active sub- stances, water, unfiltered, recover- able, mg/L (38260)	m-Xylene plus p- xylene, water, unfiltered, recover- able, µg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, µg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, µg/L (77103)	n-Butyl- benzene, water, unfiltered, recover- able, µg/L (77342)	Nitro- benzene, water, unfiltered, recover- able, µg/L (34447)	N-Nitro- sodi- methyl- amine, water, unfiltered, recover- able, µg/L (34438)	N-Nitro- sodi-n- propyl- amine, water, unfiltered, recover- able, µg/L (34428)
06-01-2011	0930	< .06	< .050	< .08	< .18	< .4	< .08	< 0.26	< .24	< .4

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	N-Nitro- sodi- phenyl- amine, water, unfiltered, recover- able, µg/L (34433)	n-Propyl- benzene, water, unfiltered, recover- able, µg/L (77224)	o-Xylene, water, unfiltered, recover- able, µg/L (77135)	Phenan- threne, water, unfiltered, recover- able, µg/L (34461)	Phenol, water, unfiltered, recover- able, µg/L (34694)	Pyrene, water, unfiltered, recover- able, µg/L (34469)	sec-Butyl- benzene, water, unfiltered, recover- able, µg/L (77350)	Styrene, water, unfiltered, recover- able, µg/L (77128)	tert-Amyl alcohol, water, unfiltered, recover- able, µg/L (77073)
06-01-2011	0930	< .28	< .036	< .032	< .32	< .28	< .36	< .034	< .042	< .6

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**WATER-QUALITY DATA**  
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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	tert-Butyl alcohol, water, unfiltered, recoverable, µg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	tert-Butyl-benzene, water, unfiltered, recoverable, µg/L (77353)	Tetra-chloro-ethene, water, unfiltered, recoverable, µg/L (34475)	Tetra-chloro-methane, water, unfiltered, recoverable, µg/L (32102)	Tetra-hydro-furan, water, unfiltered, recoverable, µg/L (81607)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloro-ethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)
06-01-2011	0930	< .80	< .032	< .060	< .026	< .06	< 1.4	< .02	< .018	< .4

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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[ANC, acid neutralizing capacity; CaCO<sub>3</sub>, calcium carbonate; N, nitrogen; P, phosphorus; PCBs, polychlorinated biphenyls; SiO<sub>2</sub>, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Tribromo-methane, water, unfiltered, recoverable, µg/L (32104)	Trichloro-ethene, water, unfiltered, recoverable, µg/L (39180)	Trichloro-fluoro-methane, water, unfiltered, recoverable, µg/L (34488)	Trichloro-methane, water, unfiltered, recoverable, µg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, µg/L (39175)
06-01-2011	0930	< .10	< .022	< .06	< .03	< .06