

**404112073500901 Local number Q 3160. 1**

Northern Atlantic Coastal Plain aquifer system  
Glacial Aquifer, Upper

Queens County, NY

**WATER-QUALITY RECORDS**

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	734	67.0	24.5	2.34	124	118	272	< .04	19.9

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	34.4	0.031	9.41	0.004	0.042	51.5	0.344	6.6	1.2

## 404112073500901 Local number Q 3160. 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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	17.5	114	1.95	6.29	7.8	0.008	0.019	5.3	0.56

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Selenium, water, unfiltered, 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)	1,3-Dichloro-propane, water, unfiltered, recoverable, µg/L (77173)	1,4-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)
06-13-2011	1121	1.63	< .120	< .400	< .028	< .08	< .0260	< .06	< .026	< .0360

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	< .34	< .36	< .8	< .0060	< .010	E .006	< .010	< 2	< .0042

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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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	3-Chloro-propene, water, unfiltered, recoverable,	4-Chloro-2-methyl-phenol, water, filtered, recoverable,	4-Chloro-3-methyl-phenol, water, filtered, recoverable,	4-Nitro-phenol, water, unfiltered, recoverable,	Aceto-chlor, water, filtered, recoverable,	Acrylo-nitrile, water, unfiltered, recoverable,	Alachlor, water, filtered, recoverable,	Aldrin, water, unfiltered, recoverable,	alpha-Endo-sulfan, water, unfiltered, recoverable,
		µg/L (78109)	µg/L (61633)	µg/L (34452)	µg/L (34646)	µg/L (49260)	µg/L (34215)	µg/L (46342)	µg/L (39330)	µg/L (39388)
06-13-2011	1121	<.08	<.0046	<.54	<.52	<.010	<.80	<.008	<.013	<.012

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Atrazine, water, filtered, recoverable,	Azinphos-methyl oxygen analog, water, filtered, recoverable,	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable,	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable,	Bromo-methane, water, unfiltered, recoverable,	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable,	Carbon disulfide, water, unfiltered,	Chlordane (technical), water, unfiltered, recoverable,
		µg/L (39632)	µg/L (61635)	µg/L (82686)	µg/L (82673)	µg/L (34413)	µg/L (82680)	µg/L (77041)	µg/L (39350)
06-13-2011	1121	<.008	<.042	<.120	<.014	<.2	<.060	<.1	<.1

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Chlorpyrifos oxygen analog, water, filtered, recoverable,	Chlorpyrifos, water, filtered, recoverable,	cis-1,3-Di-chloro-propene, water, unfiltered, recoverable,	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable,	Cyfluthrin, water, filtered, recoverable,	Cypermethrin, water, filtered, recoverable,	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable,	Desulfinyl-fipronil amide, water, filtered, recoverable,	Desulfinyl-fipronil, water, filtered, recoverable,
		µg/L (61636)	µg/L (38933)	µg/L (34704)	µg/L (82687)	µg/L (61585)	µg/L (61586)	µg/L (82682)	µg/L (62169)	µg/L (62170)
06-13-2011	1121	<.06	<.0036	<.10	<.010	<.016	<.020	<.0076	<.029	<.012

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**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Diazinon, water, filtered, recoverable, µg/L (39572)	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dieldrin, water, unfiltered, recoverable, µg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662)	Endrin, water, unfiltered, recoverable, µg/L (39390)	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)
06-13-2011	1121	< .0060	< .04	< .08	< .008	< .008	< .0060	< .012	< .021	< .008

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Fenamiphos sulfone, water, filtered, recoverable, µg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenamiphos, water, filtered, recoverable, µg/L (61591)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Fonofos, water, filtered, recoverable, µg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, µg/L (39420)	Heptachlor, water, unfiltered, recoverable, µg/L (39410)
06-13-2011	1121	< .054	< .08	< .030	< .012	< .024	< .018	< .0048	< .009	< .008

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Hexachlorobenzene, water, unfiltered, recoverable, µg/L (39700)	Hexazinone, water, filtered, recoverable, µg/L (04025)	Iodomethane, water, unfiltered, recoverable, µg/L (77424)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofenphos, water, filtered, recoverable, µg/L (61594)	Lindane, water, unfiltered, recoverable, µg/L (39340)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)	Metalaxyl, water, filtered, recoverable, µg/L (61596)
06-13-2011	1121	< .30	< .008	< .26	< .014	< .006	< .014	< .022	< .016	< .014

## 404112073500901 Local number Q 3160. 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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Methidathion, water, filtered, recoverable,	Methyl paraoxon, water, filtered, recoverable,	Methyl parathion, water, filtered, recoverable,	Metolachlor, water, filtered, recoverable,	Metribuzin, water, filtered, recoverable,	Mirex, water, unfiltered, recoverable,	Myclobutanol, water, filtered, recoverable,	p,p'-DDD, water, unfiltered, recoverable,	p,p'-DDE, water, unfiltered, recoverable,
		(61598) µg/L	(61664) µg/L	(0.7 micron glass fiber filter), µg/L (82667)	(39415) µg/L	(82630) µg/L	(39755) µg/L	(61599) µg/L	(39360) µg/L	(39365) µg/L
06-13-2011	1121	< .012	< .014	< .008	< .020	< .012	< .0060	< .010	< .016	< .014

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	p,p'-DDT, water, unfiltered, recoverable,	p,p'-Methoxychlor, water, unfiltered, recoverable,	Pendimethalin, water, filtered, recoverable,	Pentachlorophenol, water, unfiltered, recoverable,	Phorate oxygen analog, water, filtered, recoverable,	Phorate, water, filtered, recoverable,	Phosmet oxygen analog, water, filtered, recoverable,	Phosmet, water, filtered, recoverable,	Prometon, water, filtered, recoverable,
		(39370) µg/L	(39480) µg/L	(0.7 micron glass fiber filter), µg/L (82683)	(39032) µg/L	(61666) µg/L	(82664) µg/L	(61668) µg/L	(61601) µg/L	(04037) µg/L
06-13-2011	1121	< .010	< .002	< .012	< .6	< .027	< .020	< .0511	< .140	< .012

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Prometryn, water, filtered, recoverable,	Propyzamide, water, filtered, recoverable,	Simazine, water, filtered, recoverable,	Tebu-thiuron, water, filtered, recoverable,	Terbufos sulfone, water, filtered, recoverable,	Terbufos, water, filtered, recoverable,	Terbutylazine, water, filtered, recoverable,	Toxaphene, water, unfiltered, recoverable,	trans-1,3-Dichloropropene, water, unfiltered, recoverable,
		(04036) µg/L	(0.7 micron glass fiber filter), µg/L (82676)	(04035) µg/L	(0.7 micron glass fiber filter), µg/L (82670)	(61674) µg/L	(82675) µg/L	(04022) µg/L	(39400) µg/L	(34699) µg/L
06-13-2011	1121	< .006	< .0036	< .006	< .028	< .045	< .018	< .006	< 1	< .14

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**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)
06-13-2011	1121	< .018	< .018	< .1	< .040	< .030	< .14	< .034	< .028	< .044

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)
06-13-2011	1121	< .022	< .040	< .10	< .080	< .06	< .060	< .08	< .032	< .028

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, µg/L (82626)	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)
06-13-2011	1121	< .30	< .032	< .024	< .06	< 2	< .56	< .4	< .16	< .26

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**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	< .028	< .032	< .4	< .42	< .24	< .34	< .042	< .06	< .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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	< .28	< .30	< 3.4	0.01	< .026	0.01	0.01	0.01	0.01

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	M	< 1.8	< .24	< .30	< .14	< 2.6	< .022	< .06	0.045

## 404112073500901 Local number Q 3160. 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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Bromo-	Chloro-	Chloro-	Chloro-	Chrysene,	cis-1,2-Di-	Dibenzo-	Dibromo-	Dibromo-
		ethene, water, unfiltered, recover- able, µg/L (50002)	benzene, water, unfiltered, recover- able, µg/L (34301)	ethane, water, unfiltered, recover- able, µg/L (34311)	methane, water, unfiltered, recover- able, µg/L (34418)	water, unfiltered, recover- able, µg/L (34320)	ethene, water, unfiltered, recover- able, µg/L (77093)	[a,h]- anthra- cene, water, unfiltered, recover- able, µg/L (34556)	chloro- methane, water, unfiltered, recover- able, µg/L (32105)	methane, water, unfiltered, recover- able, µg/L (30217)
06-13-2011	1121	< .12	< .026	< .06	< .1	0.01	< .022	< .42	< .12	< .050

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Dichloro-	Dichloro-	Diethyl	Diethyl	Diiso-	Dimethyl	Di-n-butyl	Di-n-octyl	Ethyl
		difluoro- methane, water, unfiltered, recover- able, µg/L (34668)	methane, water, unfiltered, recover- able, µg/L (34423)	ether, water, unfiltered, recover- able, µg/L (81576)	phthalate, water, unfiltered, recover- able, µg/L (34336)	propyl ether, water, unfiltered, recover- able, µg/L (81577)	phthalate, water, unfiltered, recover- able, µg/L (34341)	phthalate, water, unfiltered, recover- able, µg/L (39110)	phthalate, water, unfiltered, recover- able, µg/L (34596)	metha- crylate, water, unfiltered, recover- able, µg/L (73570)
06-13-2011	1121	< .10	< .04	< .1	< .62	< .06	< .36	< 2.00	M	< .20

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Ethyl	Ethyl-	Fluoran-	Hexa-	Hexa-	Hexa-	Indeno-	Isobutyl	Iso-
		methyl ketone, water, unfiltered, recover- able, µg/L (81595)	benzene, water, unfiltered, recover- able, µg/L (34371)	thene, water, unfiltered, recover- able, µg/L (34376)	chloro- butadiene, water, unfiltered, recover- able, µg/L (39702)	chloro- cyclo- penta- diene, water, unfiltered, recover- able, µg/L (34386)	chloro- ethane, water, unfiltered, recover- able, µg/L (34396)	[1,2,3-cd]- pyrene, water, unfiltered, recover- able, µg/L (34403)	methyl ketone, water, unfiltered, recover- able, µg/L (78133)	phorone, water, unfiltered, recover- able, µg/L (34408)
06-13-2011	1121	< 1.6	< .036	0.02	< .08	< .50	< .22	E .01	< .32	< .26

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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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Isopropyl-	Methyl	Methyl	Methyl	Methyl	Methyl	Methylene	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795)
		benzene, water, unfiltered, recoverable, µg/L (77223)	acetate, water, unfiltered, recoverable, µg/L (77032)	acrylate, water, unfiltered, recoverable, µg/L (49991)	acrylonitrile, water, unfiltered, recoverable, µg/L (81593)	methacrylate, water, unfiltered, recoverable, µg/L (81597)	tert-butyl ether, water, unfiltered, recoverable, µg/L (78032)	tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005)	
06-13-2011	1121	< .042	< .46	< .8	< .26	< .22	< .10	< .06	< .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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Naphthalene,	n-Butyl methyl ketone,	n-Butyl benzene,	Nitro benzene,	N-Nitro-sodi-methyl-amine,	N-Nitro-sodi-n-propyl-amine,	N-Nitro-sodi-phenyl-amine,	n-Propyl benzene,	o-Xylene,
		water, unfiltered, recoverable, µg/L (34696)	water, unfiltered, recoverable, µg/L (77103)	water, unfiltered, recoverable, µg/L (77342)	water, unfiltered, recoverable, µg/L (34447)	water, unfiltered, recoverable, µg/L (34438)	water, unfiltered, recoverable, µg/L (34428)	water, unfiltered, recoverable, µg/L (34433)	water, unfiltered, recoverable, µg/L (77224)	water, unfiltered, recoverable, µg/L (77135)
06-13-2011	1121	< .18	< .4	< .08	< 0.26	< .24	< .4	< .28	< .036	< .032

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Phenanthrene,	Phenol,	Pyrene,	sec-Butyl benzene,	Styrene,	tert-Amyl alcohol,	tert-Butyl alcohol,	tert-Butyl ethyl ether,	tert-Butyl benzene,
		water, unfiltered, recoverable, µg/L (34461)	water, unfiltered, recoverable, µg/L (34694)	water, unfiltered, recoverable, µg/L (34469)	water, unfiltered, recoverable, µg/L (77350)	water, unfiltered, recoverable, µg/L (77128)	water, unfiltered, recoverable, µg/L (77073)	water, unfiltered, recoverable, µg/L (77035)	water, unfiltered, recoverable, µg/L (50004)	water, unfiltered, recoverable, µg/L (77353)
06-13-2011	1121	0.01	< .28	0.02	< .034	< .042	< .6	< .80	< .032	< .060

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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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	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)	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)
06-13-2011	1121	0.917	< .06	< 1.4	0.10	< .018	< .4	< .10	0.112	< .06

**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; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Trichloro-methane, water, unfiltered, recoverable, µg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, µg/L (39175)
06-13-2011	1121	1.2	< .06