Water-Data Report 2011

# 404057073440601 Local number Q 3083. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Queens County, NY

LOCATION.--Lat 40°40′56″, long 73°44′06″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 358 ft. Upper casing diameter undefined; top of first opening 305 ft, bottom of last opening 353 ft.

DATUM.--Land-surface datum is 46 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; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °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) | Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676) | Dissolved solids dried at 180°C, water, filtered, mg/L (70300) | Calcium, water, unfiltered, recoverable, mg/L (00916) | Magnesium, water, unfiltered, recoverable, mg/L (00927) |
|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | 2.9 | 5.3 | 281 | 15.1 | 0.3 | 159 | 14.6 | 10.4 |

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

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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Potassium, water, unfiltered, recoverable, mg/L (00937) | Sodium, water, unfiltered, recoverable, mg/L (00929) | ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as $CaCO_3$ (90410) | Chloride, water, filtered, mg/L (00940) | Fluoride, water, filtered, mg/L (00950) | Silica, water, filtered, mg/L as $SiO_2$ (00955) | Sulfate, water, filtered, mg/L (00945) | Ammonia, water, filtered, mg/L as N (00608) | Nitrate plus nitrite, water, filtered, mg/L as N (00631) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | 1.27 | 13.9 | 8.7 | 30.1 | < .04 | 16.5 | 59.0 | < .010 | < .02 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 404057073440601, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/404057073440601.2011.pdf

**404057073440601 Local number Q 3083. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 3 of 28

[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Nitrite, water, filtered, mg/L as N (00613) | Orthophosphate, water, filtered, mg/L as P (00671) | Barium, water, unfiltered, recoverable, µg/L (01007) | Cadmium, water, unfiltered, µg/L (01027) | Chromium, water, unfiltered, recoverable, µg/L (01034) | Copper, water, unfiltered, recoverable, µg/L (01042) | Iron, water, filtered, µg/L (01046) | Iron, water, unfiltered, recoverable, µg/L (01045) | Lead, water, unfiltered, recoverable, µg/L (01051) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .001 | 0.006 | 3.08 | < .050 | 0.63 | 58.0 | 1,810 | 1,800 | 0.89 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Manganese, water, filtered, µg/L (01056) | Manganese, water, unfiltered, recoverable, µg/L (01055) | Mercury, water, unfiltered, recoverable, µg/L (71900) | Silver, water, unfiltered, recoverable, µg/L (01077) | Zinc, water, unfiltered, recoverable, µg/L (01092) | Arsenic, water, unfiltered, µg/L (01002) | Selenium, water, unfiltered, µg/L (01147) | 1,2,3-Trichloropropane, water, unfiltered, recoverable, µg/L (77443) | 1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, µg/L (82625) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | 141 | 131 | < .005 | < .015 | 16.3 | 0.30 | < .050 | < .120 | < .400 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 1,2-Dibromoethane, water, unfiltered, recoverable, µg/L (77651) | 1,2-Dichloroethane, water, unfiltered, recoverable, µg/L (32103) | 1,2-Dichloropropane, water, unfiltered, recoverable, µg/L (34541) | 1,3-Dichloropropane, water, unfiltered, recoverable, µg/L (77173) | 1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34571) | 1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295) | 2,4,6-Trichlorophenol, water, unfiltered, recoverable, µg/L (34621) | 2,4-Dichlorophenol, water, unfiltered, recoverable, µg/L (34601) | 2,4-Dimethylphenol, water, unfiltered, recoverable, µg/L (34606) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .028 | < .08 | < .0260 | < .06 | < .026 | < .0360 | < .34 | < .36 | < .8 |

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**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660) | 2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, µg/L (61618) | 2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, µg/L (04040) | 2-Ethyl-6-methylaniline, water, filtered, recoverable, µg/L (61620) | 2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, µg/L (34657) | 3,4-Dichloroaniline, water, filtered, recoverable, µg/L (61625) | 3-Chloropropene, water, unfiltered, recoverable, µg/L (78109) | 4-Chloro-2-methylphenol, water, filtered, recoverable, µg/L (61633) | 4-Chloro-3-methylphenol, water, filtered, recoverable, µg/L (34452) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .0060 | < .010 | < .006 | < .010 | < 2 | < .0042 | < .08 | < .0046 | < .54 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 4-Nitrophenol, water, unfiltered, recoverable, µg/L (34646) | Acetochlor, water, filtered, recoverable, µg/L (49260) | Acrylonitrile, water, unfiltered, recoverable, µg/L (34215) | Alachlor, water, filtered, recoverable, µg/L (46342) | Aldrin, water, unfiltered, recoverable, µg/L (39330) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .52 | < .010 | < .80 | < .008 | < .013 | < .012 | < .008 | < .042 | < .120 |

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**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673) | Bromomethane, water, unfiltered, recoverable, µg/L (34413) | Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680) | Carbon disulfide, water, unfiltered, µg/L (77041) | Chlordane (technical), water, unfiltered, recoverable, µg/L (39350) | Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636) | Chlorpyrifos, water, filtered, recoverable, µg/L (38933) | cis-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34704) |
|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .014 | < .2 | < .060 | < .1 | < .1 | < .06 | < .0036 | < .10 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687) | Cyfluthrin, water, filtered, recoverable, µg/L (61585) | Cypermethrin, water, filtered, recoverable, µg/L (61586) | DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682) | Desulfinylfipronil amide, water, filtered, recoverable, µg/L (62169) | Desulfinylfipronil, water, filtered, recoverable, µg/L (62170) | Diazinon, water, filtered, recoverable, µg/L (39572) | Dichlorvos, water, filtered, recoverable, µg/L (38775) | Dicrotophos, water, filtered, recoverable, µg/L (38454) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .010 | < .016 | < .020 | < .0076 | < .029 | < .012 | < .0060 | < .04 | < .08 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Dieldrin, water, filtered, recoverable, µg/L (39381) | Dieldrin, water, unfiltered, recoverable, µg/L (39380) | Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662) | Endrin, water, unfiltered, recoverable, µg/L (39390) | Ethion monoxon, water, filtered, recoverable, µg/L (61644) | Ethion, water, filtered, recoverable, µg/L (82346) | Fenamiphos sulfone, water, filtered, recoverable, µg/L (61645) | Fenamiphos sulfoxide, water, filtered, recoverable, µg/L (61646) | Fenamiphos, water, filtered, recoverable, µg/L (61591) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .008 | < .008 | < .0060 | < .012 | < .021 | < .008 | < .054 | < .08 | < .030 |

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**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Fipronil sulfide, water, filtered, recoverable, µg/L (62167) | Fipronil sulfone, water, filtered, recoverable, µg/L (62168) | Fipronil, water, filtered, recoverable, µg/L (62166) | Fonofos, water, filtered, recoverable, µg/L (04095) | Heptachlor epoxide, water, unfiltered, recoverable, µg/L (39420) | Heptachlor, water, unfiltered, recoverable, µg/L (39410) | Hexachlorobenzene, water, unfiltered, recoverable, µg/L (39700) | Hexazinone, water, filtered, recoverable, µg/L (04025) | Iodomethane, water, unfiltered, recoverable, µg/L (77424) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .012 | < .024 | < .018 | < .0048 | < .009 | < .008 | < .30 | < .008 | < .26 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Iprodione, water, filtered, recoverable, µg/L (61593) | Isofenphos, water, filtered, recoverable, µg/L (61594) | Lindane, water, unfiltered, recoverable, µg/L (39340) | Malaoxon, water, filtered, recoverable, µg/L (61652) | Malathion, water, filtered, recoverable, µg/L (39532) | Metalaxyl, water, filtered, recoverable, µg/L (61596) | Methidathion, water, filtered, recoverable, µg/L (61598) | Methyl paraoxon, water, filtered, recoverable, µg/L (61664) | Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .014 | < .006 | < .014 | < .022 | < .016 | < .014 | < .012 | < .014 | < .008 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Metolachlor, water, filtered, recoverable, µg/L (39415) | Metribuzin, water, filtered, recoverable, µg/L (82630) | Mirex, water, unfiltered, recoverable, µg/L (39755) | 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 (0.7 micron glass fiber filter), recoverable, µg/L (82683) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .020 | < .012 | < .0060 | < .010 | < .016 | < .014 | < .010 | < .002 | < .012 |

**404057073440601 Local number Q 3083. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032) | Phorate oxygen analog, water, filtered, recoverable, µg/L (61666) | Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .6 | < .027 | < .020 | < .0511 | < .140 | < .012 | < .006 | < .0036 | < .006 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Tebuthiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670) | Terbufos oxygen analog sulfone, water, filtered, recoverable, µg/L (61674) | Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675) | Terbuthylazine, 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .028 | < .045 | < .018 | < .006 | < 1 | < .14 | < .018 | < .018 | < .1 |

**404057073440601 Local number Q 3083. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, µg/L (77562) | 1,1,1-Trichloroethane, water, unfiltered, recoverable, µg/L (34506) | 1,1,2,2-Tetrachloroethane, water, unfiltered, recoverable, µg/L (34516) | 1,1,2-Trichloro-1,2,2-trifluoroethane, water, unfiltered, recoverable, µg/L (77652) | 1,1,2-Trichloroethane, water, unfiltered, recoverable, µg/L (34511) | 1,1-Dichloroethane, water, unfiltered, recoverable, µg/L (34496) | 1,1-Dichloroethene, water, unfiltered, recoverable, µg/L (34501) | 1,1-Dichloropropene, water, unfiltered, recoverable, µg/L (77168) | 1,2,3,4-Tetramethylbenzene, water, unfiltered, recoverable, µg/L (49999) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .040 | < .030 | < .14 | < .034 | < .028 | < .044 | < .022 | < .040 | < .10 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 1,2,3,5-Tetramethylbenzene, water, unfiltered, recoverable, µg/L (50000) | 1,2,3-Trichlorobenzene, water, unfiltered, recoverable, µg/L (77613) | 1,2,3-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77221) | 1,2,4-Trichlorobenzene, water, unfiltered, recoverable, µg/L (34551) | 1,2,4-Trimethylbenzene, 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-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77226) | 1,3-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34566) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .080 | < .06 | < .060 | < .08 | < .032 | < .028 | < .30 | < .032 | < .024 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 2,2-Dichloropropane, water, unfiltered, recoverable, µg/L (77170) | 2,4-Dinitrophenol, water, unfiltered, recoverable, µg/L (34616) | 2,4-Dinitrotoluene, water, unfiltered, recoverable, µg/L (34611) | 2,6-Dinitrotoluene, water, unfiltered, recoverable, µg/L (34626) | 2-Chloronaphthalene, water, unfiltered, recoverable, µg/L (34581) | 2-Chlorophenol, water, unfiltered, recoverable, µg/L (34586) | 2-Chlorotoluene, water, unfiltered, recoverable, µg/L (77275) | 2-Ethyltoluene, water, unfiltered, recoverable, µg/L (77220) | 2-Nitrophenol, water, unfiltered, recoverable, µg/L (34591) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .06 | < 2 | < .56 | < .4 | < .16 | < .26 | < .028 | < .032 | < .4 |

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**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 3,3'-Dichlorobenzidine, water, unfiltered, recoverable, µg/L (34631) | 4-Bromophenyl phenyl ether, water, unfiltered, recoverable, µg/L (34636) | 4-Chlorophenyl phenyl ether, water, unfiltered, recoverable, µg/L (34641) | 4-Chlorotoluene, water, unfiltered, recoverable, µg/L (77277) | 4-Isopropyltoluene, water, unfiltered, recoverable, µg/L (77356) | 9H-Fluorene, water, unfiltered, recoverable, µg/L (34381) | Acenaphthene, water, unfiltered, recoverable, µg/L (34205) | Acenaphthylene, water, unfiltered, recoverable, µg/L (34200) | Acetone, water, unfiltered, recoverable, µg/L (81552) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .42 | < .24 | < .34 | < .042 | < .06 | < .34 | < .28 | < .30 | < 3.4 |

**WATER-QUALITY DATA**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Anthracene, water, unfiltered, recoverable, µg/L (34220) | Benzene, water, unfiltered, recoverable, µg/L (34030) | Benzo[a]-anthracene, water, unfiltered, recoverable, µg/L (34526) | Benzo[a]-pyrene, water, unfiltered, recoverable, µg/L (34247) | Benzo[a]-fluoranthene, water, unfiltered, recoverable, µg/L (34230) | Benzo-[ghi]-perylene, water, unfiltered, recoverable, µg/L (34521) | Benzo[k]-fluoranthene, water, unfiltered, recoverable, µg/L (34242) | Benzyl n-butyl phthalate, water, unfiltered, recoverable, µg/L (34292) | Bis(2-chloroethoxy)-methane, water, unfiltered, recoverable, µg/L (34278) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .38 | < .026 | < .26 | < .32 | < .30 | < .38 | < .30 | < 1.8 | < .24 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Bis(2-chloroethyl) ether, water, unfiltered, recoverable, µg/L (34273) | Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, µg/L (34283) | Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100) | Bromobenzene, water, unfiltered, recoverable, µg/L (81555) | Bromochloromethane, water, unfiltered, recoverable, µg/L (77297) | Bromodichloromethane, water, unfiltered, recoverable, µg/L (32101) | Bromoethene, water, unfiltered, recoverable, µg/L (50002) | Chlorobenzene, water, unfiltered, recoverable, µg/L (34301) | Chloroethane, water, unfiltered, recoverable, µg/L (34311) |
|---|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .30 | < .14 | < 2.6 | < .022 | < .06 | < .034 | < .12 | < .026 | < .06 |

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**WATER-QUALITY DATA**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Chloromethane, water, unfiltered, recoverable, µg/L (34418) | Chrysene, water, unfiltered, recoverable, µg/L (34320) | cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (77093) | Dibenzo-[a,h]-anthracene, water, unfiltered, recoverable, µg/L (34556) | Dibromochloromethane, water, unfiltered, recoverable, µg/L (32105) | Dibromomethane, water, unfiltered, recoverable, µg/L (30217) | Dichlorodifluoromethane, water, unfiltered, recoverable, µg/L (34668) | Dichloromethane, water, unfiltered, recoverable, µg/L (34423) | Diethyl ether, water, unfiltered, recoverable, µg/L (81576) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .1 | < .32 | < .022 | < .42 | < .12 | < .050 | < .10 | < .04 | < .1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336) | Diisopropyl ether, water, unfiltered, recoverable, µg/L (81577) | Dimethyl phthalate, water, unfiltered, recoverable, µg/L (34341) | Di-n-butyl phthalate, water, unfiltered, recoverable, µg/L (39110) | Di-n-octyl phthalate, water, unfiltered, recoverable, µg/L (34596) | Ethyl methacrylate, water, unfiltered, recoverable, µg/L (73570) | Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595) | Ethylbenzene, water, unfiltered, recoverable, µg/L (34371) | Fluoranthene, water, unfiltered, recoverable, µg/L (34376) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .62 | < .06 | < .36 | < 2.00 | < .6 | < .20 | < 1.6 | < .036 | < .30 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Hexachlorobutadiene, water, unfiltered, recoverable, µg/L (39702) | Hexachlorocyclopentadiene, water, unfiltered, recoverable, µg/L (34386) | Hexachloroethane, water, unfiltered, recoverable, µg/L (34396) | Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recoverable, µg/L (34403) | Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .08 | < .50 | < .22 | < .38 | < .32 | < .26 | < .042 | < .46 | < .8 |

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**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .26 | < .22 | < .10 | < .06 | < .050 | < .08 | < .18 | < .4 | < .08 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < 0.26 | < .24 | < .4 | < .28 | < .036 | < .032 | < .32 | < .28 | < .36 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | 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) | tert-Butyl alcohol, water, unfiltered, recover-able, µg/L (77035) | tert-Butyl ethyl ether, water, unfiltered, recover-able, µg/L (50004) | tert-Butyl-benzene, water, unfiltered, recover-able, µg/L (77353) | Tetra-chloro-ethene, water, unfiltered, recover-able, µg/L (34475) | Tetra-chloro-methane, water, unfiltered, recover-able, µg/L (32102) | Tetra-hydro-furan, water, unfiltered, recover-able, µg/L (81607) |
|---|---|---|---|---|---|---|---|---|---|---|
| 08-02-2011 | 1130 | < .034 | < .042 | < .6 | < .80 | < .032 | < .060 | < .026 | < .06 | < 1.4 |

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[ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; $SiO_2$, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

| Date | Sample start time | Toluene, water, unfiltered, recoverable, µg/L (34010) | trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546) | trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547) | Tribromomethane, water, unfiltered, recoverable, µg/L (32104) | Trichloroethene, water, unfiltered, recoverable, µg/L (39180) | Trichlorofluoromethane, water, unfiltered, recoverable, µg/L (34488) | Trichloromethane, water, unfiltered, recoverable, µg/L (32106) | Vinyl chloride, water, unfiltered, recoverable, µg/L (39175) |
|---|---|---|---|---|---|---|---|---|---|
| **08-02-2011** | **1130** | < .02 | < .018 | < .4 | < .10 | < .022 | < .06 | < .03 | < .06 |