

Water-Data Report 2011

404019073384601 Local number N 13372. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°40'19.7", long 73°38'45.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Hempstead Lake State Park, northwest corner of Lake Shore Drive and Peninsula Boulevard, Lakeview.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33.6 ft. Upper casing diameter 2 in; top of first opening 23.6 ft, bottom of last opening 33.6 ft.

DATUM.--Land-surface datum is 36.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft below land-surface datum.

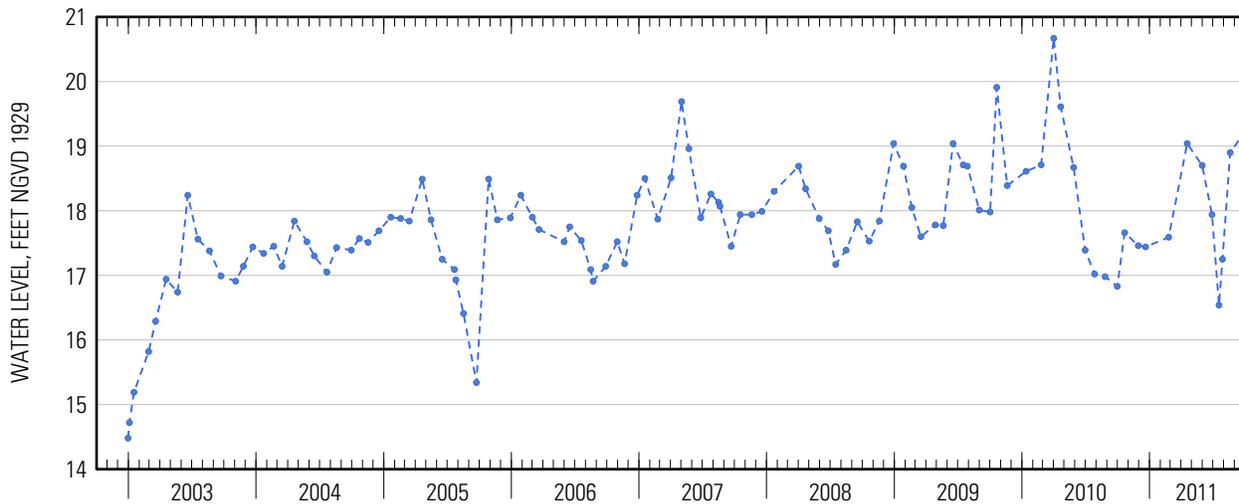
PERIOD OF RECORD.--December 2002 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.67 ft above sea level, April 1, 2010; lowest measured, 14.48 ft above sea level, December 30, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 21 | 17.66 | Jun 28 | 17.94 |
| Nov 29 | 17.46 | Jul 18 | 16.54 |
| Dec 20 | 17.44 | 28 | 17.25 |
| Feb 24 | 17.59 | Aug 19 | 18.90 |
| Apr 18 | 19.04 | Sep 27 | 19.20 |
| May 31 | 18.70 | | |



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WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Depth to water level, ft below land surface (72019) | 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, filtered, mg/L (00915) |
|------------|-------------------|---|---|--|--|--------------------------------|--|--|--|
| 07-18-2011 | 0930 | 19.75 | < 1.0 | 6.3 | 347 | 12.3 | 3.1 | 188 | 8.33 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Magnesium, water, filtered, mg/L (00925) | Potassium, water, filtered, mg/L (00935) | Sodium, water, filtered, mg/L (00930) | Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086) | Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453) | Bromide, water, filtered, mg/L (71870) | Chloride, water, filtered, mg/L (00940) | Fluoride, water, filtered, mg/L (00950) |
|------------|-------------------|--|--|---------------------------------------|---|---|--|---|---|
| 07-18-2011 | 0930 | 2.47 | 2.14 | 40.7 | 28 | 34 | 0.062 | 72.9 | < .04 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | 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) | Nitrite, water, filtered, mg/L as N (00613) | Orthophosphate, water, filtered, mg/L as P (00671) | Total nitrogen, water, filtered, analytically determined, mg/L (62854) | Aluminum, water, filtered, μg/L (01106) |
|------------|-------------------|---|--|---|--|---|--|--|---|
| 07-18-2011 | 0930 | 4.19 | 16.1 | 0.114 | 0.04 | < .001 | < .008 | 0.18 | < 1.7 |

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WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Barium, water, filtered, µg/L (01005) | Beryllium, water, filtered, µg/L (01010) | Cadmium, water, filtered, µg/L (01025) | Chromium, water, filtered, µg/L (01030) | Cobalt, water, filtered, µg/L (01035) | Copper, water, filtered, µg/L (01040) | Iron, water, filtered, µg/L (01046) | Lead, water, filtered, µg/L (01049) | Lithium, water, filtered, µg/L (01130) |
|------------|-------------------|---------------------------------------|--|--|---|---------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|--|
| 07-18-2011 | 0930 | 16.2 | < .006 | 0.021 | < .06 | 5.35 | < .50 | 4,080 | < .015 | 0.25 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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) | Molybdenum, water, filtered, µg/L (01060) | Nickel, water, filtered, µg/L (01065) | Silver, water, filtered, µg/L (01075) | Strontium, water, filtered, µg/L (01080) | Thallium, water, filtered, µg/L (01057) | Vanadium, water, filtered, µg/L (01085) | Zinc, water, filtered, µg/L (01090) | Antimony, water, filtered, µg/L (01095) |
|------------|-------------------|--|---|---------------------------------------|---------------------------------------|--|---|---|-------------------------------------|---|
| 07-18-2011 | 0930 | 650 | 5.97 | 0.82 | < .005 | 60.6 | 0.016 | 0.11 | 2.9 | 0.033 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Arsenic, water, filtered, µg/L (01000) | Boron, water, filtered, µg/L (01020) | Selenium, water, filtered, µg/L (01145) | 1,2,3-Tri-chloro-propane, unfiltered, recoverable, µg/L (77443) | 1,2-Dibromo-3-chloro-propane, unfiltered, recoverable, µg/L (82625) | 1,2-Dibromo-ethane, unfiltered, recoverable, µg/L (77651) | 1,2-Dichloro-ethane, unfiltered, recoverable, µg/L (32103) | 1,2-Dichloro-propane, unfiltered, recoverable, µg/L (34541) | 1,3-Di-chloro-propane, unfiltered, recoverable, µg/L (77173) |
|------------|-------------------|--|--------------------------------------|---|---|---|---|--|---|--|
| 07-18-2011 | 0930 | 15.8 | 8 | 0.04 | < .120 | < .400 | < .028 | < .08 | < .0260 | < .06 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 7 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | 1,4-Dichloro-benzene, water, unfiltered, recoverable, | 1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, | 2,4-D methyl ester, water, filtered, recoverable, | 2,4-D, water, filtered, recoverable, | 2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, | 2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, | 2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, | 2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable, | 2-Chloro-6-ethyl-amino-4-triazine, water, filtered, recoverable, |
|------------|-------------------|---|---|---|--------------------------------------|---|--|---|--|--|
| | | µg/L (34571) | µg/L (49295) | µg/L (50470) | µg/L (39732) | µg/L (38746) | µg/L (82660) | µg/L (61618) | µg/L (04040) | µg/L (04038) |
| 07-18-2011 | 0930 | < .026 | < .0360 | < .200 | < .06 | < .02 | < .0060 | < .010 | < .006 | < .06 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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-Ethyl-6-methyl-aniline, water, filtered, recoverable, | 2-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, | 3,4-Dichloro-aniline, water, filtered, recoverable, | 3,5-Di-chloro-aniline, water, filtered, recoverable, | 3-Chloro-propene, water, unfiltered, recoverable, | 3-Hydroxy carbo-furan, water, filtered (0.7 micron glass fiber filter), recoverable, | 4-Chloro-2-methyl-phenol, water, filtered, recoverable, | Aceto-chlor, water, filtered, recoverable, | Acifluor-fen, water, filtered (0.7 micron glass fiber filter), recoverable, |
|------------|-------------------|---|--|---|--|---|--|---|--|---|
| | | µg/L (61620) | µg/L (50355) | µg/L (61625) | µg/L (61627) | µg/L (78109) | µg/L (49308) | µg/L (61633) | µg/L (49260) | µg/L (49315) |
| 07-18-2011 | 0930 | < .010 | 0.031 | < .0042 | < .004 | < .08 | < .040 | < .0046 | < .010 | < .040 |

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WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Acrylonitrile, water, unfiltered, recoverable, µg/L (34215) | Alachlor, water, filtered, recoverable, µg/L (46342) | Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49313) | Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49314) | Aldicarb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49312) | alpha-Endo-sulfan, water, filtered, recoverable, µg/L (34362) | 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) |
|------------|-------------------|---|--|--|--|--|---|--|---|---|
| 07-18-2011 | 0930 | < .80 | < .008 | < .08 | < .060 | < .12 | < .006 | < .008 | < .042 | < .120 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Bendiocarb, water, filtered, recoverable, µg/L (50299) | Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673) | Benomyl, water, filtered, recoverable, µg/L (50300) | Ben-sulfuron-methyl, water, filtered, recoverable, µg/L (61693) | Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38711) | Bromacil, water, filtered, recoverable, µg/L (04029) | Bromo-methane, water, unfiltered, recoverable, µg/L (34413) | Bromoxynil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49311) | Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49310) |
|------------|-------------------|--|---|---|---|--|--|---|--|--|
| 07-18-2011 | 0930 | < .04 | < .014 | < .060 | < .06 | < .06 | < .06 | < .2 | < .12 | < .04 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680) | Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49309) | Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82674) | Carbon disulfide, water, unfiltered, µg/L (77041) | Chloramben methyl ester, water, filtered, recoverable, µg/L (61188) | Chlorimuron-ethyl, water, filtered, recoverable, µg/L (50306) | Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636) | Chlorpyrifos, water, filtered, recoverable, µg/L (38933) |
|------------|-------------------|--|--|--|---|---|---|--|--|
| 07-18-2011 | 0930 | < .060 | < .040 | < .060 | < .1 | < .10 | < .080 | < .06 | < .0036 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34704) | cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687) | cis-Propiconazole, water, filtered, recoverable, µg/L (79846) | Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49305) | Cyanazine, water, filtered, recoverable, µg/L (04041) | Cycloate, water, filtered, recoverable, µg/L (04031) | Cyfluthrin, water, filtered, recoverable, µg/L (61585) | Cypermethrin, water, filtered, recoverable, µg/L (61586) | Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49304) |
|------------|-------------------|---|--|---|--|---|--|--|--|--|
| 07-18-2011 | 0930 | < .10 | < .010 | < .008 | < .06 | < .022 | < .04 | < .016 | < .020 | < .04 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | 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) | Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38442) | Dichloroprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49302) | Dichlorvos, water, filtered, recoverable, µg/L (38775) | Dicrotophos, water, filtered, recoverable, µg/L (38454) | Dieldrin, water, filtered, recoverable, µg/L (39381) |
|------------|-------------------|--|--|--|--|---|--|--|---|--|
| 07-18-2011 | 0930 | < .0076 | < .029 | < .012 | < .0060 | < .04 | < .04 | < .04 | < .08 | < .008 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662) | Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49301) | Di-phenamid, water, filtered, recoverable, µg/L (04033) | Disulfoton sulfone, water, filtered, recoverable, µg/L (61640) | Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82677) | Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49300) | Endosulfan sulfate, water, filtered, recoverable, µg/L (61590) | EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82668) | Ethion monoxon, water, filtered, recoverable, µg/L (61644) |
|------------|-------------------|--|---|---|--|--|--|--|--|--|
| 07-18-2011 | 0930 | < .0060 | < .04 | < .04 | < .014 | < .040 | < .04 | < .016 | < .0056 | < .021 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Ethion, | Ethoprop, | Fenami- | Fenami- | Fenami- | Fenuron, | Fipronil | Fipronil | Fipronil |
|------------|-------------------|---|---|--|--|--|---|---|---|---|
| | | water, filtered, recover- able, µg/L (82346) | water, filtered, recover- able, µg/L (82672) | phos- sulfone, water, filtered, recover- able, µg/L (61645) | phos- sulfoxide, water, filtered, recover- able, µg/L (61646) | phos- water, filtered, recover- able, µg/L (61591) | water, filtered, recover- able, µg/L (49297) | sulfide, water, filtered, recover- able, µg/L (62167) | sulfone, water, filtered, recover- able, µg/L (62168) | water, filtered, recover- able, µg/L (62166) |
| 07-18-2011 | 0930 | < .008 | < .016 | < .054 | < .08 | < .030 | < .06 | < .012 | < .024 | < .018 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Flumet- | Fluome- | Fonofos, | Hexa- | Imazaquin, | Imaze- | Imi- | Iodo- | Iprodione, |
|------------|-------------------|---|---|---|--|---|--|---|---|---|
| | | sulam, water, filtered, recover- able, µg/L (61694) | turon, water, filtered, recover- able, µg/L (38811) | water, filtered, recover- able, µg/L (04095) | zinone, water, filtered, recover- able, µg/L (04025) | water, filtered, recover- able, µg/L (50356) | thapyr, water, filtered, recover- able, µg/L (50407) | dacloprid, water, filtered, recover- able, µg/L (61695) | methane, water, unfiltered, recover- able, µg/L (77424) | water, filtered, recover- able, µg/L (61593) |
| 07-18-2011 | 0930 | < .06 | < .04 | < .0048 | 0.014 | < .06 | < .06 | < .060 | < .26 | < .014 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Isofen- | lambda- | Linuron, | Malaoxon, | Malathion, | MCPA, | MCPB, | Metalaxyl, | Metalaxyl, |
|------------|-------------------|--|--|---|---|---|---|---|---|---|
| | | phos- water, filtered, recover- able, µg/L (61594) | Cyhalo- thrin, water, filtered, recover- able, µg/L (61595) | water, filtered, recover- able, µg/L (38478) | water, filtered, recover- able, µg/L (61652) | water, filtered, recover- able, µg/L (39532) | water, filtered, recover- able, µg/L (38482) | water, filtered, recover- able, µg/L (38487) | water, filtered, recover- able, µg/L (50359) | water, filtered, recover- able, µg/L (61596) |
| 07-18-2011 | 0930 | < .006 | < .010 | < .04 | < .022 | < .016 | < .04 | < .20 | < .04 | < .014 |

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WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Methidathion, water, filtered, recoverable, µg/L (61598) | Methiocarb, water, filtered, recoverable, µg/L (38501) | Methomyl, water, filtered, recoverable, µg/L (49296) | 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) | Metsulfuron-methyl, water, filtered, recoverable, µg/L (61697) | Molinate, water, filtered, recoverable, µg/L (82671) |
|------------|-------------------|--|--|--|---|--|---|--|--|--|
| 07-18-2011 | 0930 | < .012 | < .040 | < .120 | < .014 | < .008 | < .020 | < .012 | < .14 | < .0040 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Myclobutanol, water, filtered, recoverable, µg/L (61599) | N-(4-Chlorophenyl)-N'-methyl-urea, water, filtered, recoverable, µg/L (61692) | Neburon, water, filtered, recoverable, µg/L (49294) | Nicosulfuron, water, filtered, recoverable, µg/L (50364) | Norflurazon, water, filtered, recoverable, µg/L (49293) | Oryzalin, water, filtered, recoverable, µg/L (49292) | Oxamyl, water, filtered, recoverable, µg/L (38866) | Oxyfluorfen, water, filtered, recoverable, µg/L (61600) | Pendimethalin, water, filtered, recoverable, µg/L (82683) |
|------------|-------------------|--|---|---|--|---|--|--|---|---|
| 07-18-2011 | 0930 | < .010 | < .06 | < .02 | < .10 | < .04 | < .04 | < .12 | < .006 | < .012 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 20 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Phorate oxygen analog, water, filtered, recoverable, µg/L (61666) | Phorate, water, filtered, recoverable, µg/L (82664) | Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668) | Phosmet, water, filtered, recoverable, µg/L (61601) | Picloram, water, filtered, recoverable, µg/L (49291) | Prometon, water, filtered, recoverable, µg/L (04037) | Prometryn, water, filtered, recoverable, µg/L (04036) | Propanil, water, filtered, recoverable, µg/L (82679) | Propargite, water, filtered, recoverable, µg/L (82685) |
|------------|-------------------|---|---|---|---|--|--|---|--|--|
| 07-18-2011 | 0930 | < .027 | < .020 | < .0511 | < .140 | < .12 | 0.022 | < .006 | < .010 | < .020 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Propham, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49236) | Propiconazole, water, filtered, recoverable, µg/L (50471) | Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38538) | Propoxamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676) | Siduron, water, filtered, recoverable, µg/L (38548) | Simazine, water, filtered, recoverable, µg/L (04035) | Sulfo-meturon-methyl, water, filtered, recoverable, µg/L (50337) | Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670) | Tefluthrin, water, filtered, recoverable, µg/L (61606) |
|------------|-------------------|---|---|--|---|---|--|--|--|--|
| 07-18-2011 | 0930 | < .040 | < .040 | < .060 | < .0036 | < .04 | < .006 | < .060 | < .028 | < .010 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 22 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Terbacil, water, filtered, recoverable, µg/L (04032) | Terbufos oxygen analog sulfone, water, filtered, recoverable, µg/L (61674) | Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675) | Terbutylazine, water, filtered, recoverable, µg/L (04022) | Thioben-carb, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82681) | trans-1,3-Dichloro-propene, water, unfiltered, recoverable, µg/L (34699) | trans-Propiconazole, water, filtered, recoverable, µg/L (79847) | Tribuphos, water, filtered, recoverable, µg/L (61610) | Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49235) |
|------------|-------------------|--|--|--|---|--|--|---|---|---|
| 07-18-2011 | 0930 | < .040 | < .045 | < .018 | < .006 | < .016 | < .14 | < .010 | < .018 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 23 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661) | 2,4-D plus 2,4-D methyl ester, sum on a molar basis, micrograms per liter as 2,4-D (66496) | 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) | 1,1-Di-chloro-ethane, water, unfiltered, recoverable, µg/L (34501) |
|------------|-------------------|---|--|---|---|---|---|---|--|--|
| 07-18-2011 | 0930 | < .018 | < .06 | < .040 | < .030 | < .14 | < .034 | < .028 | < .044 | < .022 |

404019073384601 Local number N 13372. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 24 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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-Di-chloro-propene, water, unfiltered, recoverable, µg/L (77168) | 1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (49999) | 1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (50000) | 1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (77613) | 1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77221) | 1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (34551) | 1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77222) | 1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536) | 1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226) |
|------------|-------------------|---|--|--|--|--|--|--|--|--|
| 07-18-2011 | 0930 | < .040 | < .10 | < .080 | < .06 | < .060 | < .08 | < .032 | < .028 | < .032 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 25 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | 1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566) | 2,2-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170) | 2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275) | 2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220) | 4-Chloro-toluene, water, unfiltered, recoverable, µg/L (77277) | 4-Iso-propyl-toluene, water, unfiltered, recoverable, µg/L (77356) | Acetone, water, unfiltered, recoverable, µg/L (81552) | Benzene, water, unfiltered, recoverable, µg/L (34030) | Bromo-benzene, water, unfiltered, recoverable, µg/L (81555) |
|------------|-------------------|--|---|--|---|--|--|---|---|---|
| 07-18-2011 | 0930 | < .024 | < .06 | < .028 | < .032 | < .042 | < .06 | < 3.4 | < .026 | < .022 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 26 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | 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) | Caffeine, water, filtered, recoverable, µg/L (50305) | Chloro-benzene, water, unfiltered, recoverable, µg/L (34301) | Chloro-ethane, water, unfiltered, recoverable, µg/L (34311) | Chloro-methane, water, unfiltered, recoverable, µg/L (34418) | cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, µg/L (77093) | Dibromo-chloro-methane, water, unfiltered, recoverable, µg/L (32105) |
|------------|-------------------|--|--|--|--|--|---|--|--|--|
| 07-18-2011 | 0930 | < .06 | < .034 | < .12 | < .080 | < .026 | < .06 | < .1 | < .022 | < .12 |

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 27 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | 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) | Diiso-propyl ether, water, unfiltered, recoverable, µg/L (81577) | 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) | Hexa-chloro-butadiene, water, unfiltered, recoverable, µg/L (39702) |
|------------|-------------------|---|---|--|---|--|--|---|---|---|
| 07-18-2011 | 0930 | < .050 | < .10 | < .04 | < .1 | < .06 | < .20 | < 1.6 | < .036 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Hexa-chloro-ethane, water, unfiltered, recoverable, µg/L (34396) | Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133) | Isopropyl-benzene, water, unfiltered, recoverable, µg/L (77223) | Methyl acrylate, water, unfiltered, recoverable, µg/L (49991) | Methyl acrylonitrile, water, unfiltered, recoverable, µg/L (81593) | Methyl methacrylate, water, unfiltered, recoverable, µg/L (81597) | Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L (78032) | Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005) | m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795) |
|------------|-------------------|--|--|---|---|--|---|---|--|--|
| 07-18-2011 | 0930 | < .22 | < .32 | < .042 | < .8 | < .26 | < .22 | < .10 | < .06 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 29 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Naphthalene, water, unfiltered, recoverable, µg/L (34696) | n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103) | n-Butyl-benzene, water, unfiltered, recoverable, µg/L (77342) | n-Propyl-benzene, water, unfiltered, recoverable, µg/L (77224) | o-Xylene, water, unfiltered, recoverable, µg/L (77135) | sec-Butyl-benzene, water, unfiltered, recoverable, µg/L (77350) | Styrene, water, unfiltered, recoverable, µg/L (77128) | tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004) | tert-Butyl-benzene, water, unfiltered, recoverable, µg/L (77353) |
|------------|-------------------|---|---|---|--|--|---|---|--|--|
| 07-18-2011 | 0930 | < .18 | < .4 | < .08 | < .036 | < .032 | < .034 | < .042 | < .032 | < .060 |

404019073384601 Local number N 13372. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 30 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | 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) |
|------------|-------------------|---|--|---|---|---|---|--|--|--|
| 07-18-2011 | 0930 | < .026 | < .06 | < 1.4 | < .02 | < .018 | < .4 | < .10 | < .022 | < .06 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 31 of 31

[CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; 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 | Trichloro-methane, water, unfiltered, recoverable, µg/L (32106) | Vinyl chloride, water, unfiltered, recoverable, µg/L (39175) | Uranium (natural), water, filtered, µg/L (22703) |
|------------|-------------------|---|--|--|
| 07-18-2011 | 0930 | < .03 | < .06 | 0.012 |