

Water-Data Report 2011

404236073592201 Local number NY 177. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°42'36.65", long 73°59'22.55" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of South Street, 153 ft east of Rutgers Slip, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 3 in; top of first opening 224.7 ft, bottom of last opening 600 ft. Cased to 224.7 ft, open hole.

DATUM.--Land-surface datum is 6.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--June 2002 to July 2006 and April 2009 to current year.

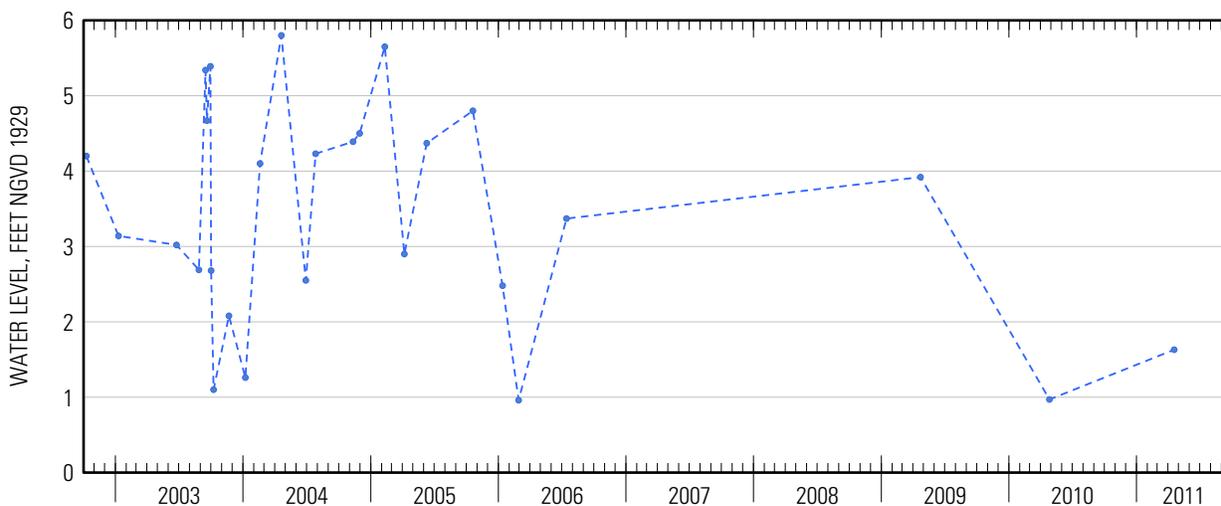
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.80 ft above sea level, April 19, 2004; lowest measured, 0.96 ft above sea level, February 27, 2006.

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

| Date | Water level |
|--------|-------------|
| Apr 18 | 1.63 |



Water-Data Report 2011

404243073594901 Local number NY 218. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°42'43.25", long 73°59'46.98" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of Madison Street, 252 ft east of Catherine Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 604 ft. Upper casing diameter 3 in; top of first opening 130 ft, bottom of last opening 604 ft. Cased to 130 ft, open hole.

DATUM.--Land-surface datum is 24.99 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--August 2003 to August 2006 and April 2009 to current year.

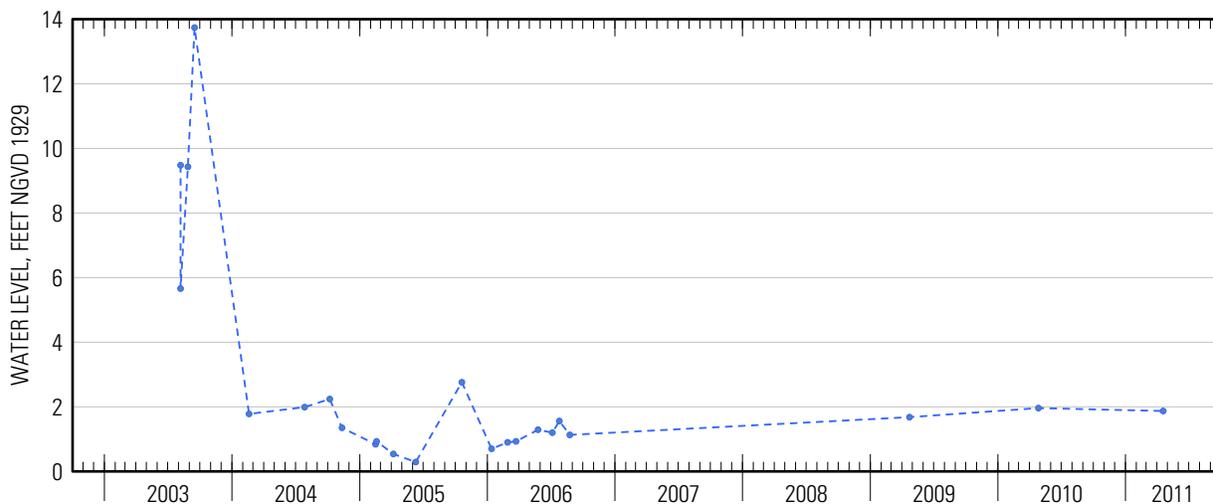
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.74 ft above sea level, September 15, 2003; lowest measured, 0.29 ft above sea level, June 9, 2005.

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

| Date | Water level |
|--------|-------------|
| Apr 18 | 1.87 |



Water-Data Report 2011

404245073593301 Local number NY 174. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°42'45.85", long 73°59'33.52" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at east side of Pike Street, 112 ft north of Madison Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 601.5 ft. Upper casing diameter 3 in; top of first opening 130.5 ft, bottom of last opening 601.5 ft. Cased to 130.5 ft, open hole.

DATUM.--Land-surface datum is 33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

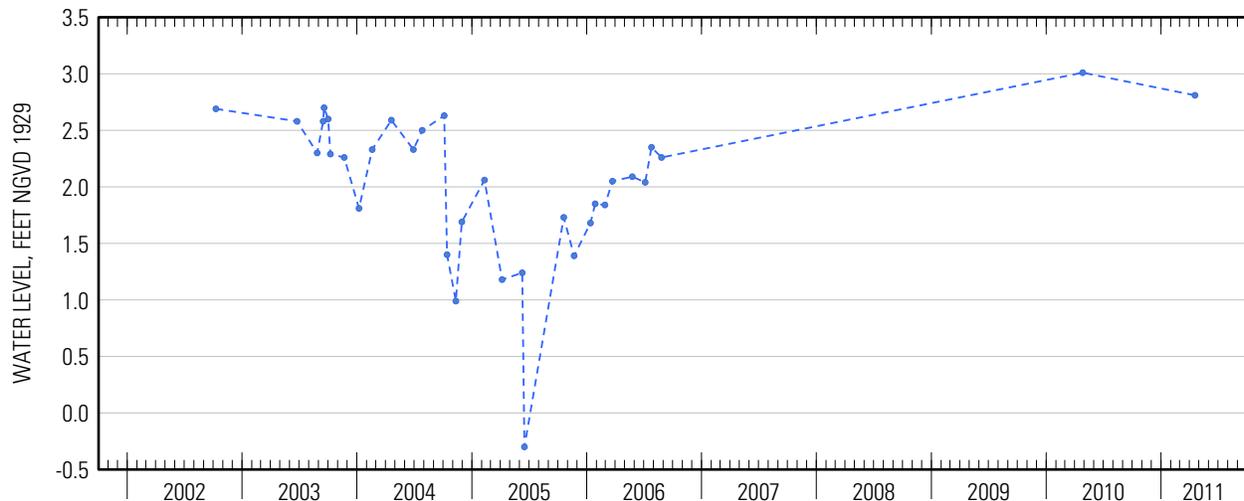
PERIOD OF RECORD.--October 2002 to August 2006 and April 2010 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.01 ft above sea level, April 26, 2010; lowest measured, 0.30 ft below sea level, June 16, 2005.

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

| Date | Water level |
|--------|-------------|
| Apr 18 | 2.81 |



Water-Data Report 2011

404247073595801 Local number NY 193. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°42'47.39", long 73°59'55.90" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of Chatam Square, 39 ft west of St. James Place, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 651.9 ft. Upper casing diameter 3 in; top of first opening 182 ft, bottom of last opening 651.9 ft. Cased to 182 ft, open hole.

DATUM.--Land-surface datum is 29.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--May 2001 to August 2006 and April 2009 to current year.

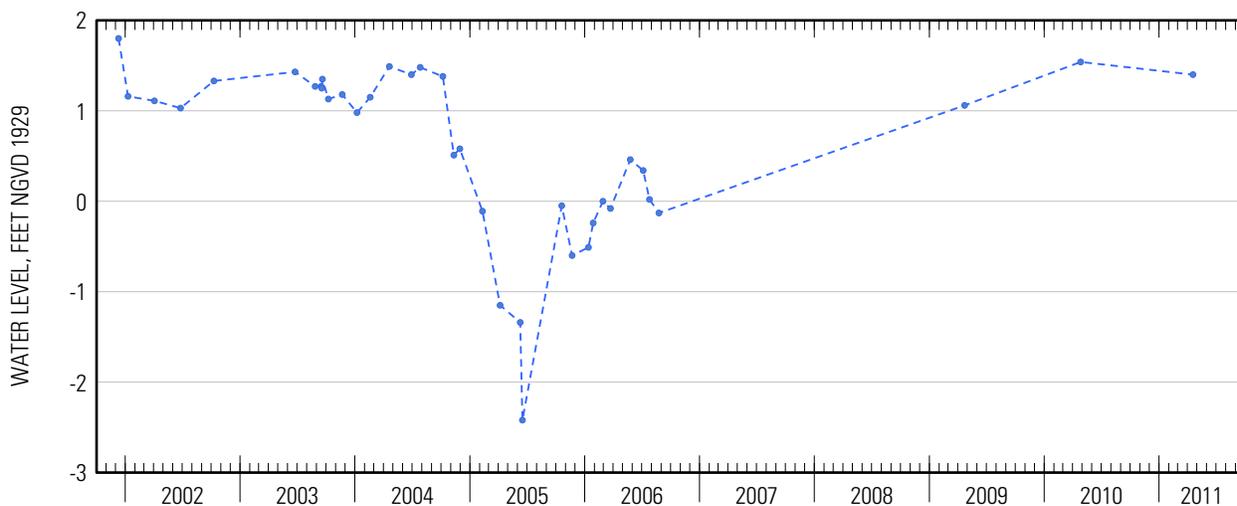
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.32 ft above sea level, May 17, 2001; lowest measured, 2.42 ft below sea level, June 16, 2005.

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

| Date | Water level |
|--------|-------------|
| Apr 18 | 1.40 |



Water-Data Report 2011

404251073594801 Local number NY 203. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°42'51.06", long 73°59'48.16" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of Division Street, between Bowery Street and Market Street, 123 ft west of P.S. 124, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 604.3 ft. Upper casing diameter 3 in; top of first opening 136 ft, bottom of last opening 604.3 ft. Cased to 136 ft, open hole.

DATUM.--Land-surface datum is 42.32 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

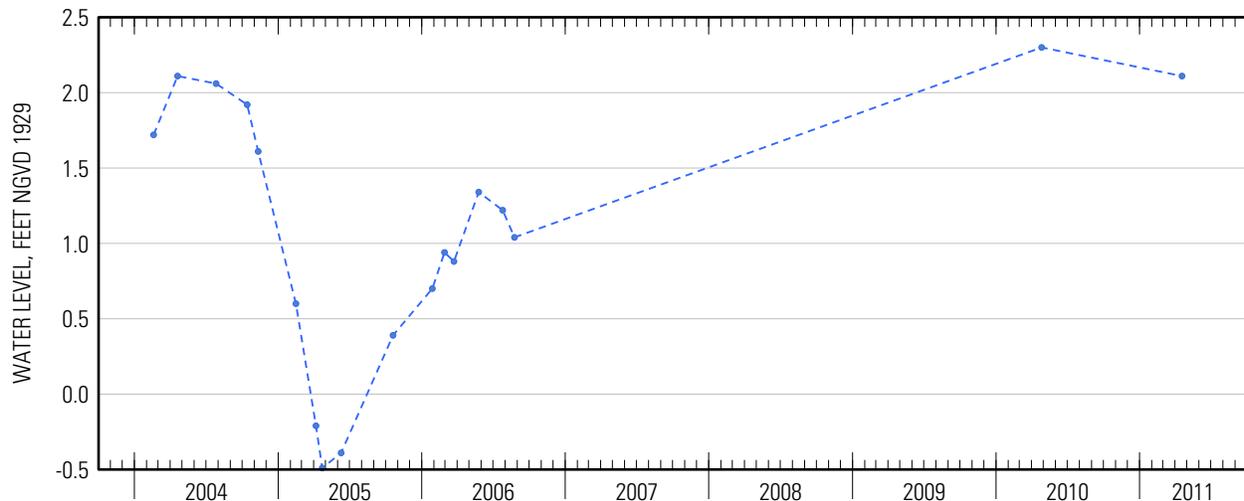
PERIOD OF RECORD.--August 2003 to August 2006, and April 2010 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.30 ft above sea level, April 26, 2010; lowest measured, 0.49 ft below sea level, April 22, 2005.

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

| Date | Water level |
|--------|-------------|
| Apr 18 | 2.11 |



Water-Data Report 2011

404309073595101 Local number NY 215. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°43'09.17", long 73°59'51.11" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of Grand Street, 42 ft east of Mulberry Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 599.7 ft. Upper casing diameter 3 in; top of first opening 79 ft, bottom of last opening 599.7 ft. Cased to 79 ft, open hole.

DATUM.--Land-surface datum is 28.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--September 2003 to current year.

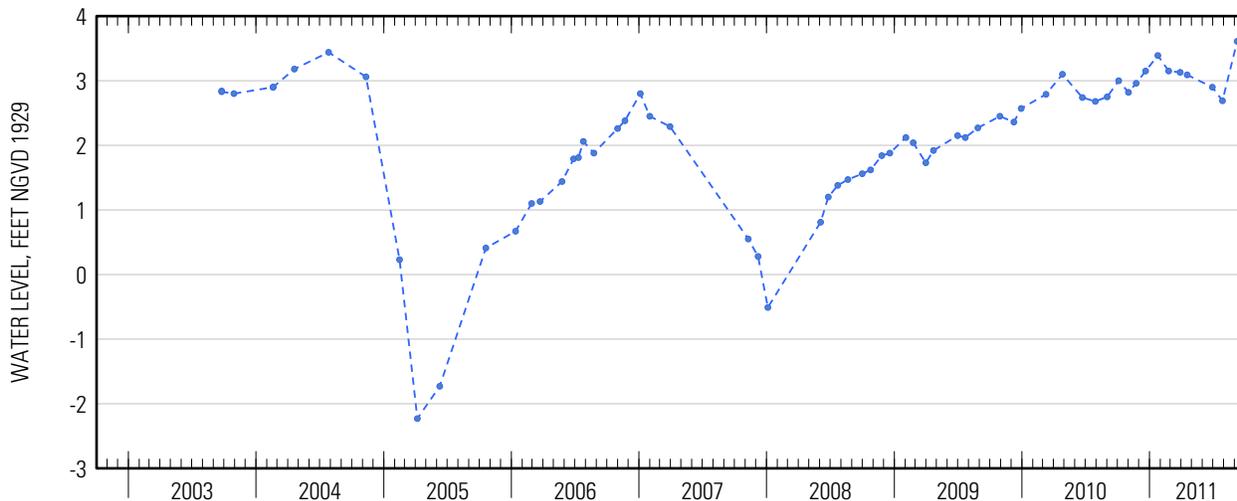
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.61 ft above sea level, September 8, 2011; lowest measured, 2.23 ft below sea level, April 6, 2005.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 3.00 | Mar 29 | 3.13 |
| Nov 1 | 2.82 | Apr 18 | 3.09 |
| 23 | 2.96 | Jun 29 | 2.90 |
| Dec 20 | 3.15 | Jul 28 | 2.69 |
| Jan 24 | 3.39 | Sep 8 | 3.61 |
| Feb 24 | 3.15 | | |



Water-Data Report 2011

404312073594401 Local number NY 178. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°43'12.11", long 73°59'44.34" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at west side of Elizabeth Street, 74 ft north of Broome Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 3 in; top of first opening 103 ft, bottom of last opening 600 ft. Cased to 103 ft, open hole.

DATUM.--Land-surface datum is 37.88 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

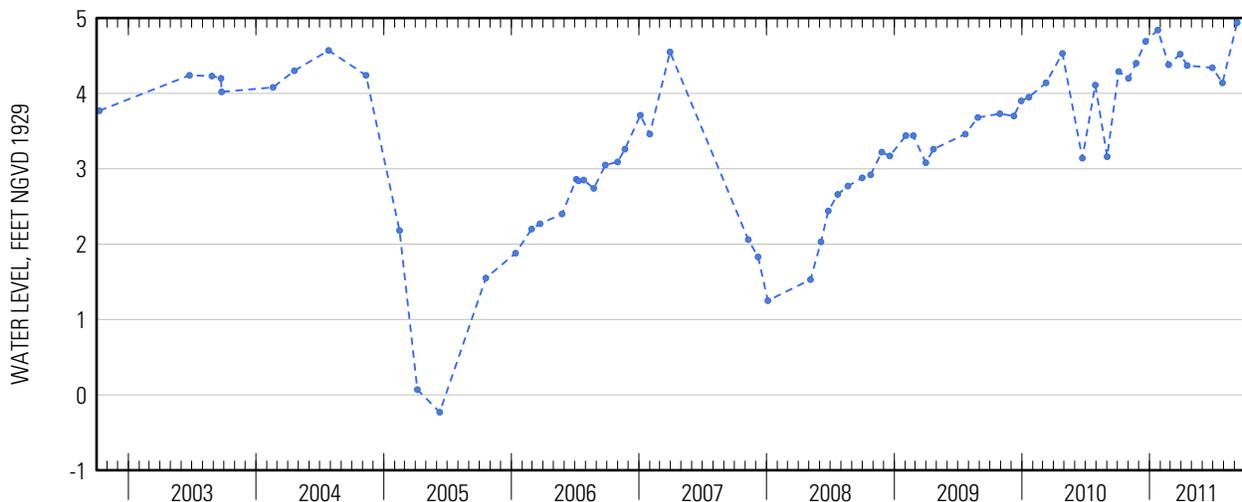
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.94 ft above sea level, September 8, 2011; lowest measured, 0.23 ft below sea level, June 9, 2005.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 4.29 | Mar 29 | 4.52 |
| Nov 1 | 4.20 | Apr 18 | 4.37 |
| 23 | 4.40 | Jun 29 | 4.34 |
| Dec 20 | 4.69 | Jul 28 | 4.14 |
| Jan 24 | 4.84 | Sep 8 | 4.94 |
| Feb 24 | 4.38 | | |



Water-Data Report 2011

404312073595902 Local number NY 244. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°43'12.6", long 73°59'59.3" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of Grand Street, 97 ft west of Lafayette Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66.6 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 25.63 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--October 2004 to current year.

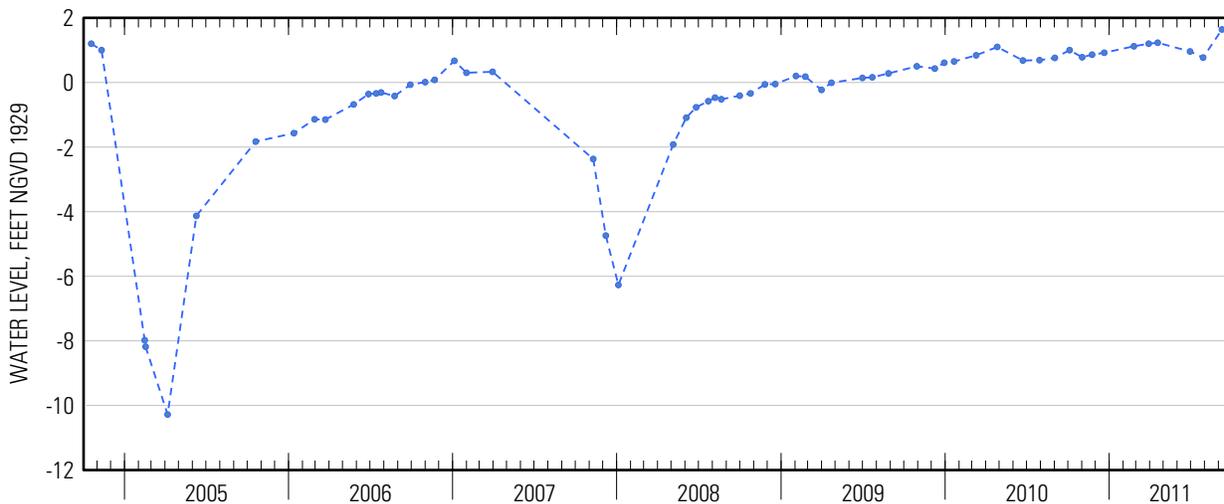
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.64 ft above sea level, September 8, 2011; lowest measured, 10.28 ft below sea level, April 6, 2005.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 1.00 | Mar 29 | 1.20 |
| Nov 1 | 0.78 | Apr 18 | 1.23 |
| 23 | 0.86 | Jun 29 | 0.96 |
| Dec 20 | 0.92 | Jul 28 | 0.77 |
| Feb 24 | 1.12 | Sep 8 | 1.64 |



Water-Data Report 2011

404321073594101 Local number NY 192. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°43'21.44", long 73°59'40.99" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of Prince Street, 29 ft west of Elizabeth Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 665 ft. Upper casing diameter 3 in; top of first opening 120 ft, bottom of last opening 665 ft. Cased to 120 ft, open hole.

DATUM.--Land-surface datum is 46.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

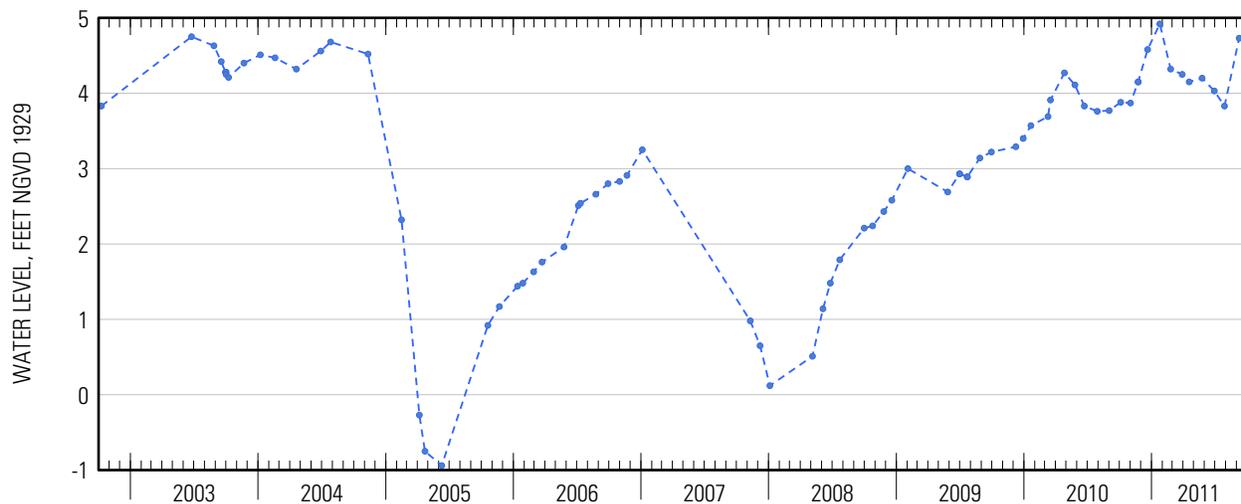
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.92 ft above sea level, January 24, 2011; lowest measured, 0.94 ft below sea level, June 9, 2005.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 3.88 | Mar 29 | 4.25 |
| Nov 1 | 3.87 | Apr 18 | 4.15 |
| 23 | 4.15 | May 25 | 4.20 |
| Dec 20 | 4.58 | Jun 29 | 4.03 |
| Jan 24 | 4.92 | Jul 28 | 3.83 |
| Feb 24 | 4.32 | Sep 8 | 4.73 |



Water-Data Report 2011

404344074002601 Local number NY 248. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°43'44.7", long 74°00'26.3" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at east side of Hudson Street, 88 ft south of Clarkson Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 17.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--October 2004 to current year.

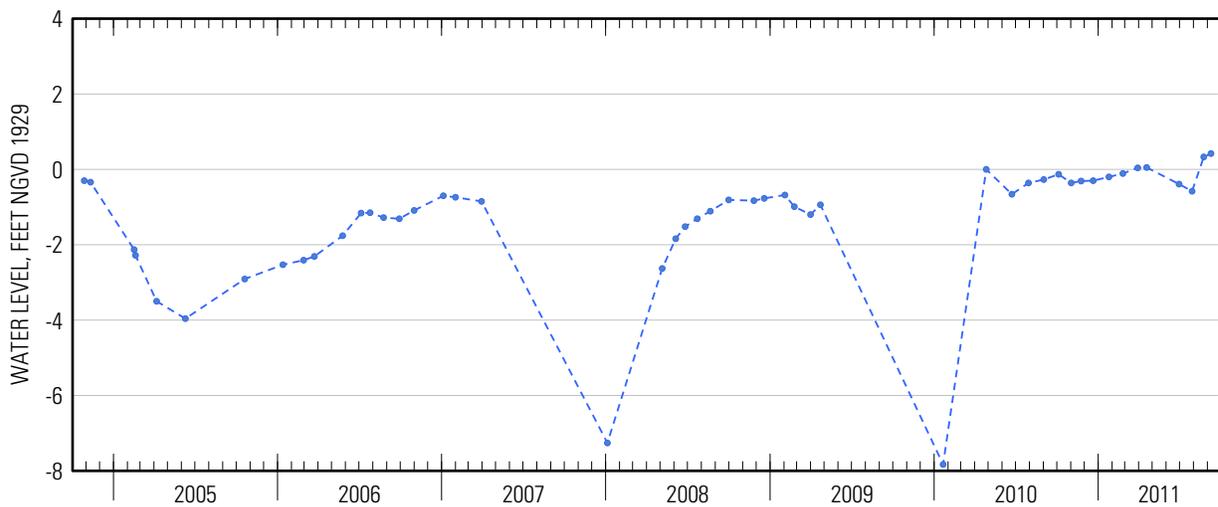
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.42 ft above sea level, September 8, 2011; lowest measured, 12.29 ft below sea level, December 7, 2007.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | -0.13 | Mar 29 | 0.04 |
| Nov 1 | -0.36 | Apr 18 | 0.05 |
| 23 | -0.31 | Jun 29 | -0.39 |
| Dec 20 | -0.30 | Jul 28 | -0.58 |
| Jan 24 | -0.20 | Aug 23 | 0.33 |
| Feb 24 | -0.11 | Sep 8 | 0.42 |



404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|--|--------------------------------|--|--|---|---|
| 08-23-2011 | 1440 | < 1.0 | 6.5 | 1,170 | 17.1 | 6.0 | 690 | 86.6 | 22.0 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|--|---|---|---|--|---|--|
| 08-23-2011 | 1440 | 12.1 | 112 | 152 | 231 | 0.14 | 16.3 | 80.8 | < .010 | 2.27 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|--|--|--|--|-------------------------------------|--|--|
| 08-23-2011 | 1440 | < .001 | 0.025 | 167 | 0.202 | 1.8 | 3.8 | < 3.2 | 341 | 2.48 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|---|---|--|--|--|---|--|---|
| 08-23-2011 | 1440 | 127 | 752 | < .005 | 0.030 | 7.3 | 0.47 | 4.61 | < .120 | < .400 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|---|---|---|--|---|--|--|
| 08-23-2011 | 1440 | < .028 | < .08 | < .0260 | < .06 | < .026 | < .0360 | < .34 | < .36 | < .8 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-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) | 3-Chloro-propene, water, unfiltered, recoverable, µg/L (78109) | 4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633) | 4-Chloro-3-methyl-phenol, water, filtered, recoverable, µg/L (34452) |
|------------|-------------------|---|--|---|--|---|--|--|--|--|
| 08-23-2011 | 1440 | < .0060 | < .010 | < .006 | < .010 | < 2 | < .0042 | < .08 | < .0046 | < .54 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 7 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Nitro-phenol, water, unfiltered, recoverable, µg/L (34646) | Aceto-chlor, water, filtered, recoverable, µg/L (49260) | Acrylo-nitrile, water, unfiltered, recoverable, µg/L (34215) | Alachlor, water, filtered, recoverable, µg/L (46342) | Aldrin, water, unfiltered, recoverable, µg/L (39330) | alpha-Endo-sulfan, water, unfiltered, recoverable, µg/L (39388) | Atrazine, water, filtered, recoverable, µg/L (39632) | Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635) | Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686) |
|------------|-------------------|--|---|--|--|--|---|--|---|---|
| 08-23-2011 | 1440 | < .52 | < .010 | < .80 | < .008 | < .013 | < .012 | < .008 | < .042 | < .120 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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, | Carbaryl, | Chlordane | | Chlorpyrifos | | cis-1,3-Di- | |
|------------|-------------------|--|--|---|---|---|--|-------------|-------|
| | | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673) | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680) | (technical), water, unfiltered, recoverable, µg/L (39350) | oxygen analog, water, filtered, recoverable, µg/L (61636) | pyrifos, water, filtered, recoverable, µg/L (38933) | chloro-propene, water, unfiltered, recoverable, µg/L (34704) | | |
| 08-23-2011 | 1440 | < .014 | < .2 | < .060 | < .1 | < .1 | < .06 | < .0036 | < .10 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 9 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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, | DCPA, | | Desulfinyl- | | Diazinon, | Dichlorvos, | Dicrotophos, | |
|------------|-------------------|--|--|--|--|---|-----------|-------------|--------------|--|
| | | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687) | Cyfluthrin, water, filtered, recoverable, µg/L (61585) | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682) | fipronil amide, water, filtered, recoverable, µg/L (62169) | Desulfinyl-fipronil, water, filtered, recoverable, µg/L (62170) | | | | water, filtered, recoverable, µg/L (39572) |
| 08-23-2011 | 1440 | < .010 | < .016 | < .020 | < .0076 | < .029 | < .012 | < .0060 | < .04 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 10 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Dimetho- | | Ethion monoxon, | Ethion, | Fenami-phos sulfone, | Fenami-phos sulfoxide, | Fenami-phos, | | |
|------------|-------------------|--|--|-----------------|---------|----------------------|------------------------|--------------|---|--|
| | | Dieldrin, water, filtered, recoverable, µg/L (39381) | Dieldrin, water, unfiltered, recoverable, µg/L (39380) | | | | | | ate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662) | Endrin, water, unfiltered, recoverable, µg/L (39390) |
| 08-23-2011 | 1440 | < .008 | < .008 | < .0060 | < .012 | < .021 | < .008 | < .054 | < .08 | < .030 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 11 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|--|--|---|--|--|---|--|---|
| 08-23-2011 | 1440 | < .012 | < .024 | < .018 | < .0048 | < .009 | < .008 | < .30 | < .008 | < .26 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 12 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 parathion, water, filtered, recoverable, µg/L (61664) | Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667) |
|------------|-------------------|---|--|---|--|---|---|--|--|--|
| 08-23-2011 | 1440 | < .014 | < .006 | < .014 | < .022 | < .016 | < .014 | < .012 | < .014 | < .008 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|---|--|--|--|--|---|---|
| 08-23-2011 | 1440 | < .020 | < .012 | < .0060 | < .010 | < .016 | < .014 | < .010 | < .002 | < .012 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 14 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Penta-chloro-phenol, 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) | Propyz-amide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676) | Simazine, water, filtered, recoverable, µg/L (04035) |
|------------|-------------------|---|---|---|---|---|--|---|--|--|
| 08-23-2011 | 1440 | < .6 | < .027 | < .020 | < .0511 | < .140 | < .012 | < .006 | < .0036 | < .006 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 15 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670) | Terbufos oxygen sulfone, water, filtered, recoverable, µg/L (61674) | Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675) | Terbuthyl-azine, water, filtered, recoverable, µg/L (04022) | Toxa-phene, water, unfiltered, recoverable, µg/L (39400) | trans-1,3-Dichloro-propene, 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) |
|------------|-------------------|--|---|--|---|--|--|---|---|--|
| 08-23-2011 | 1440 | < .028 | < .045 | < .018 | < .006 | < 1 | < .14 | < .018 | < .018 | < .1 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 16 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-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-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-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) |
|------------|-------------------|---|---|---|---|---|--|--|---|--|
| 08-23-2011 | 1440 | < .040 | < .030 | < .14 | < .034 | < .028 | < .044 | 0.055 | < .040 | < .10 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 17 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (50000) | 1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (77613) | 1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77221) | 1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (34551) | 1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77222) | 1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536) | 1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, µg/L (82626) | 1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226) | 1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566) |
|------------|-------------------|--|--|--|--|--|--|--|--|--|
| 08-23-2011 | 1440 | < .080 | < .06 | < .060 | < .08 | < .032 | < .028 | < .30 | < .032 | < .024 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 18 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170) | 2,4-Dinitro-phenol, water, unfiltered, recoverable, µg/L (34616) | 2,4-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34611) | 2,6-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34626) | 2-Chloro-naphthalene, water, unfiltered, recoverable, µg/L (34581) | 2-Chloro-phenol, water, unfiltered, recoverable, µg/L (34586) | 2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275) | 2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220) | 2-Nitro-phenol, water, unfiltered, recoverable, µg/L (34591) |
|------------|-------------------|---|--|---|---|--|---|--|---|--|
| 08-23-2011 | 1440 | < .06 | < 2 | < .56 | < .4 | < .16 | < .26 | < .028 | < .032 | < .4 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 19 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 ether, water, unfiltered, recoverable, µg/L (34636) | 4-Chlorophenyl ether, water, unfiltered, recoverable, µg/L (34641) | 4-Chlorotoluene, water, unfiltered, recoverable, µg/L (77277) | 4-Iso-propyltoluene, 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) |
|------------|-------------------|--|---|--|---|---|---|--|--|---|
| 08-23-2011 | 1440 | < .42 | < .24 | < .34 | < .042 | < .06 | < .34 | < .28 | < .30 | < 3.4 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 20 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|---|--|--|--|--|--|--|--|
| 08-23-2011 | 1440 | < .38 | 0.013 | < .26 | < .32 | < .30 | < .38 | < .30 | < 1.8 | < .24 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 21 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|--|---|--|--|--|---|---|--|
| 08-23-2011 | 1440 | < .30 | < .14 | < 2.6 | < .022 | < .06 | 0.043 | < .12 | < .026 | < .06 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 22 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Chloro- | Chrysene, | Dibenzo- | Dibromo- | Dibromo- | Dichloro- | Dichloro- | Diethyl | |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| | | methane, | water, | cis-1,2-Di- | chloro- | chloro- | methane, | methane, | methane, | ether, |
| | | water, | water, | chloro- | methane, | methane, | water, | water, | water, | |
| | | unfiltered, | unfiltered, | ethene, | water, | water, | unfiltered, | unfiltered, | unfiltered, | |
| | | recover- | recover- | water, | unfiltered, | unfiltered, | recover- | recover- | recover- | |
| | | able, | able, | recover- | recover- | recover- | able, | able, | able, | |
| | | µg/L | µg/L | able, | able, | able, | µg/L | µg/L | µg/L | |
| | | (34418) | (34320) | µg/L | µg/L | µg/L | (34668) | (34423) | (81576) | |
| 08-23-2011 | 1440 | < .1 | < .32 | 1.21 | < .42 | < .12 | < .050 | < .10 | < .04 | < .1 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 23 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Diiso- | Dimethyl | Di-n-butyl | Di-n-octyl | Ethyl | Ethyl | Ethyl- | Fluoran- |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------------|
| | | phthalate, | propyl | phthalate, | phthalate, | phthalate, | metha- | methyl | benzene, | thene, |
| | | water, | ether, | water, | water, | water, | crylate, | water, | water, | water, |
| | | unfiltered, | water, | unfiltered, | unfiltered, | unfiltered, | water, | unfiltered, | unfiltered, | unfiltered, |
| | | recover- | unfiltered, | recover- | recover- | recover- | recover- | recover- | recover- | recover- |
| | | able, | recover- | able, | able, | able, | able, | able, | able, | able, |
| | | µg/L | able, | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | (34336) | (81577) | (34341) | (39110) | (34596) | (73570) | (81595) | (34371) | (34376) |
| 08-23-2011 | 1440 | < .62 | < .06 | < .36 | < 2.00 | < .6 | < .20 | < 1.6 | < .036 | < .30 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 24 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Hexa- | Hexa- | Hexa- | Indeno- | Isobutyl | Iso- | Isopropyl- | Methyl | Methyl |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | chloro- | chloro- | chloro- | [1,2,3-cd]- | methyl | phorone, | benzene, | acetate, | acrylate, |
| | | butadiene, | cyclo- | ethane, | pyrene, | ketone, | water, | water, | water, | water, |
| | | unfiltered, | penta- | water, | water, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, |
| | | recover- | diene, | unfiltered, | unfiltered, | recover- | recover- | recover- | recover- | recover- |
| | | able, | water, | recover- | recover- | able, | able, | able, | able, | able, |
| | | µg/L | unfiltered, | able, | able, | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | (39702) | recover- | µg/L | µg/L | (78133) | (34408) | (77223) | (77032) | (49991) |
| | | (34386) | able, | (34396) | (34403) | | | | | |
| 08-23-2011 | 1440 | < .08 | < .50 | < .22 | < .38 | < .32 | < .26 | < .042 | < .46 | < .8 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 25 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 acrylonitrile, water, unfiltered, recoverable, | Methyl methacrylate, water, unfiltered, recoverable, | Methyl tert-butyl ether, water, unfiltered, recoverable, | Methyl tert-pentyl ether, water, unfiltered, recoverable, | Methylene blue active substances, water, unfiltered, recoverable, | m-Xylene plus p-xylene, water, unfiltered, recoverable, | Naphthalene, water, unfiltered, recoverable, | n-Butyl methyl ketone, water, unfiltered, recoverable, | n-Butylbenzene, water, unfiltered, recoverable, |
|------------|-------------------|---|--|--|---|---|---|--|--|---|
| | | (81593) µg/L | (81597) µg/L | (78032) µg/L | (50005) µg/L | (38260) mg/L | (85795) µg/L | (34696) µg/L | (77103) µg/L | (77342) µg/L |
| 08-23-2011 | 1440 | < .26 | < .22 | < .10 | < .06 | < .050 | < .08 | < .18 | < .4 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 26 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Nitrobenzene, water, unfiltered, recoverable, | N-Nitrosodimethylamine, water, unfiltered, recoverable, | N-Nitrosodipropylamine, water, unfiltered, recoverable, | N-Nitrosodiphenylamine, water, unfiltered, recoverable, | n-Propylbenzene, water, unfiltered, recoverable, | o-Xylene, water, unfiltered, recoverable, | Phenanthrene, water, unfiltered, recoverable, | Phenol, water, unfiltered, recoverable, | Pyrene, water, unfiltered, recoverable, |
|------------|-------------------|---|---|---|---|--|---|---|---|---|
| | | (34447) µg/L | (34438) µg/L | (34428) µg/L | (34433) µg/L | (77224) µg/L | (77135) µg/L | (34461) µg/L | (34694) µg/L | (34469) µg/L |
| 08-23-2011 | 1440 | < 0.26 | < .24 | < .4 | < .28 | < .036 | < .032 | < .32 | < .28 | < .36 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 27 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Butylbenzene, water, unfiltered, recoverable, | Styrene, water, unfiltered, recoverable, | tert-Amyl alcohol, water, unfiltered, recoverable, | tert-Butyl alcohol, water, unfiltered, recoverable, | tert-Butyl ethyl ether, water, unfiltered, recoverable, | tert-Butylbenzene, water, unfiltered, recoverable, | Tetra-chloroethene, water, unfiltered, recoverable, | Tetra-chloromethane, water, unfiltered, recoverable, | Tetrahydrofuran, water, unfiltered, recoverable, |
|------------|-------------------|---|--|--|---|---|--|---|--|--|
| | | (77350) µg/L | (77128) µg/L | (77073) µg/L | (77035) µg/L | (50004) µg/L | (77353) µg/L | (34475) µg/L | (32102) µg/L | (81607) µg/L |
| 08-23-2011 | 1440 | < .034 | < .042 | < .6 | < .80 | < .032 | < .060 | 26.1 | < .06 | < 1.4 |

404344074002601 Local number NY 248. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 28 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-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) | Trichloro-methane, water, unfiltered, recoverable, µg/L (32106) | Vinyl chloride, water, unfiltered, recoverable, µg/L (39175) |
|------------|-------------------|---|---|---|--|--|--|---|--|
| 08-23-2011 | 1440 | < .02 | 0.034 | < 5.0 | < .10 | 61.4 | < .06 | 1.3 | 0.13 |

Water-Data Report 2011

404419073590801 Local number NY 253. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°44'19", long 73°59'08" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of East 22nd Street, 30 ft east of Lexington Avenue, westernmost well, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 30 ft, bottom of last opening 40 ft.

DATUM.--Land-surface datum is 26.74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.27 ft below land-surface datum.

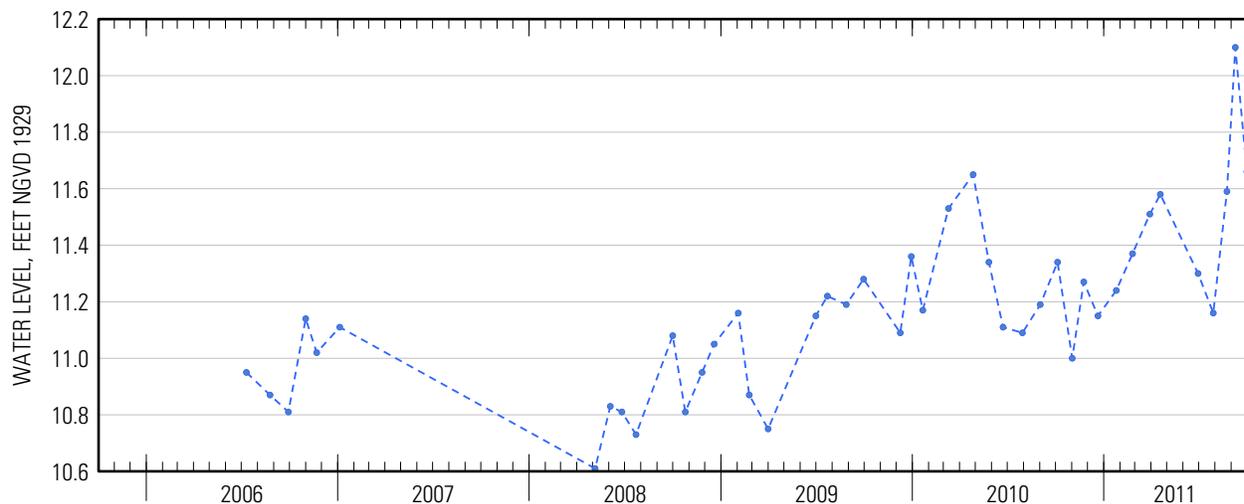
PERIOD OF RECORD.--July 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.10 ft above sea level, September 8, 2011; lowest measured, 10.61 ft above sea level, May 5, 2008.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 11.34 | Apr 18 | 11.58 |
| Nov 1 | 11.00 | Jun 29 | 11.30 |
| 23 | 11.27 | Jul 28 | 11.16 |
| Dec 20 | 11.15 | Aug 23 | 11.59 |
| Jan 24 | 11.24 | Sep 8 | 12.10 |
| Feb 24 | 11.37 | 30 | 11.66 |
| Mar 29 | 11.51 | | |



404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|--|--------------------------------|--|--|---|---|
| 08-23-2011 | 1230 | < 1.0 | 6.5 | 2,050 | 21.1 | 48 | 1,240 | 155 | 48.2 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|--|---|---|---|--|---|--|
| 08-23-2011 | 1230 | 10.2 | 185 | 398 | 478 | 0.12 | 29.2 | 9.21 | 0.144 | < .02 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|--|--|--|--|-------------------------------------|--|--|
| 08-23-2011 | 1230 | < .001 | 0.017 | 400 | 0.153 | 3.7 | 3.1 | 76.2 | 2,320 | 1.08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|---|---|--|--|--|---|--|---|
| 08-23-2011 | 1230 | 3,130 | 2,950 | < .005 | 0.047 | 7.8 | 0.55 | 0.088 | < .120 | < .400 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|---|---|---|--|---|--|--|
| 08-23-2011 | 1230 | < .028 | < .08 | < .0260 | < .06 | < .026 | < .0360 | < .34 | < .36 | < .8 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-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) | 3-Chloro-propene, water, unfiltered, recoverable, µg/L (78109) | 4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633) | 4-Chloro-3-methyl-phenol, water, filtered, recoverable, µg/L (34452) |
|------------|-------------------|---|--|---|--|---|--|--|--|--|
| 08-23-2011 | 1230 | < .0060 | < .010 | < .006 | < .010 | < 2 | < .0042 | < .08 | < .0046 | < .54 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 7 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Nitro-phenol, water, unfiltered, recoverable, µg/L (34646) | Aceto-chlor, water, filtered, recoverable, µg/L (49260) | Acrylo-nitrile, water, unfiltered, recoverable, µg/L (34215) | Alachlor, water, filtered, recoverable, µg/L (46342) | Aldrin, water, unfiltered, recoverable, µg/L (39330) | alpha-Endo-sulfan, water, unfiltered, recoverable, µg/L (39388) | Atrazine, water, filtered, recoverable, µg/L (39632) | Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635) | Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686) |
|------------|-------------------|--|---|--|--|--|---|--|---|---|
| 08-23-2011 | 1230 | < .52 | < .010 | < .80 | < .008 | < .013 | < .012 | < .008 | < .042 | < .120 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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, | Carbaryl, | Chlordane | | Chlorpyrifos | | cis-1,3-Di- | |
|------------|-------------------|--|--|---|---|---|--|-------------|-------|
| | | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673) | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680) | (technical), water, unfiltered, recoverable, µg/L (39350) | oxygen analog, water, filtered, recoverable, µg/L (61636) | pyrifos, water, filtered, recoverable, µg/L (38933) | chloro-propene, water, unfiltered, recoverable, µg/L (34704) | | |
| 08-23-2011 | 1230 | < .014 | < .2 | < .060 | < .1 | < .1 | < .06 | < .0036 | < .10 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 9 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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, | DCPA, | | Desulfinyl- | | Diazinon, | Dichlorvos, | Dicrotophos, | |
|------------|-------------------|--|--|--|--|---|-----------|-------------|--------------|--|
| | | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687) | Cyfluthrin, water, filtered, recoverable, µg/L (61585) | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682) | fipronil amide, water, filtered, recoverable, µg/L (62169) | Desulfinyl-fipronil, water, filtered, recoverable, µg/L (62170) | | | | water, filtered, recoverable, µg/L (39572) |
| 08-23-2011 | 1230 | < .010 | < .016 | < .020 | < .0076 | < .029 | < .012 | < .0060 | < .04 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 10 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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, | Dieldrin, | Dimetho- | Endrin, | Ethion | Ethion, | Fenami- | Fenami- | Fenami- |
|------------|-------------------|--|--|---|--|---|--|---|---|--|
| | | water, filtered, recoverable, µg/L (39381) | water, unfiltered, recoverable, µg/L (39380) | ate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662) | water, unfiltered, recoverable, µg/L (39390) | monoxon, water, filtered, recoverable, µg/L (61644) | water, filtered, recoverable, µg/L (82346) | sulfone, water, filtered, recoverable, µg/L (61645) | sulfoxide, water, filtered, recoverable, µg/L (61646) | phos, water, filtered, recoverable, µg/L (61591) |
| 08-23-2011 | 1230 | < .008 | < .008 | < .0060 | < .012 | < .021 | < .008 | < .054 | < .08 | < .030 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 11 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|--|--|---|--|--|---|--|---|
| 08-23-2011 | 1230 | < .012 | < .024 | < .018 | < .0048 | < .009 | < .008 | < .30 | < .008 | < .26 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 12 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 parathion, water, filtered, recoverable, µg/L (61664) | Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667) |
|------------|-------------------|---|--|---|--|---|---|--|--|--|
| 08-23-2011 | 1230 | < .014 | < .006 | < .014 | < .022 | < .016 | < .014 | < .012 | < .014 | < .008 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|---|--|---|--|--|--|--|---|---|
| 08-23-2011 | 1230 | < .020 | < .012 | < .0060 | < .010 | < .016 | < .014 | < .010 | < .002 | < .012 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 14 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Penta-chloro-phenol, 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) | Propyz-amide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676) | Simazine, water, filtered, recoverable, µg/L (04035) |
|------------|-------------------|---|---|---|---|---|--|---|--|--|
| 08-23-2011 | 1230 | < .6 | < .027 | < .020 | < .0511 | < .140 | < .012 | < .006 | < .0036 | < .006 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 15 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670) | Terbufos oxygen sulfone, water, filtered, recoverable, µg/L (61674) | Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675) | Terbuthyl-azine, water, filtered, recoverable, µg/L (04022) | Toxa-phene, water, unfiltered, recoverable, µg/L (39400) | trans-1,3-Dichloro-propene, 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) |
|------------|-------------------|--|---|--|---|--|--|---|---|--|
| 08-23-2011 | 1230 | < .028 | < .045 | < .018 | < .006 | < 1 | < .14 | < .018 | < .018 | < .1 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 16 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-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-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-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) |
|------------|-------------------|---|---|---|---|---|--|--|---|--|
| 08-23-2011 | 1230 | < .040 | < .030 | < .14 | < .034 | < .028 | 0.029 | 0.054 | < .040 | < .10 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 17 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (50000) | 1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (77613) | 1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77221) | 1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (34551) | 1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77222) | 1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536) | 1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, µg/L (82626) | 1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226) | 1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566) |
|------------|-------------------|--|--|--|--|--|--|--|--|--|
| 08-23-2011 | 1230 | < .080 | < .06 | < .060 | < .08 | < .032 | < .028 | < .30 | < .032 | < .024 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 18 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170) | 2,4-Dinitro-phenol, water, unfiltered, recoverable, µg/L (34616) | 2,4-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34611) | 2,6-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34626) | 2-Chloro-naphthalene, water, unfiltered, recoverable, µg/L (34581) | 2-Chloro-phenol, water, unfiltered, recoverable, µg/L (34586) | 2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275) | 2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220) | 2-Nitro-phenol, water, unfiltered, recoverable, µg/L (34591) |
|------------|-------------------|---|--|---|---|--|---|--|---|--|
| 08-23-2011 | 1230 | < .06 | < 2 | < .56 | < .4 | < .16 | < .26 | < .028 | < .032 | < .4 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 19 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 ether, water, unfiltered, recoverable, µg/L (34636) | 4-Chlorophenyl ether, water, unfiltered, recoverable, µg/L (34641) | 4-Chlorotoluene, water, unfiltered, recoverable, µg/L (77277) | 4-Iso-propyltoluene, 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) |
|------------|-------------------|--|---|--|---|---|---|--|--|---|
| 08-23-2011 | 1230 | < .42 | < .24 | < .34 | < .042 | < .06 | < .34 | < .28 | < .30 | < 3.4 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 20 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|---|--|--|--|--|--|--|--|
| 08-23-2011 | 1230 | 0.01 | < .260 | < .26 | < .32 | < .30 | < .38 | < .30 | < 1.8 | < .24 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 21 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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) |
|------------|-------------------|--|--|---|--|--|--|---|---|--|
| 08-23-2011 | 1230 | < .30 | < .14 | < 2.6 | < .022 | < .06 | < .034 | < .12 | < .026 | < .06 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 22 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Chloro- | Chrysene, | Dibenzo- | Dibromo- | Dibromo- | Dichloro- | Dichloro- | Diethyl | |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| | | methane, | water, | cis-1,2-Di- | chloro- | chloro- | methane, | methane, | methane, | ether, |
| | | water, | water, | chloro- | methane, | methane, | methane, | methane, | water, | |
| | | unfiltered, | unfiltered, | ethene, | water, | water, | water, | water, | unfiltered, | |
| | | recover- | recover- | water, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | |
| | | able, | able, | recover- | recover- | recover- | recover- | recover- | recover- | |
| | | µg/L | µg/L | able, | able, | able, | able, | able, | able, | |
| | | (34418) | (34320) | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | |
| | | | | (77093) | (34556) | (32105) | (30217) | (34668) | (81576) | |
| | | | | | | | | (34423) | | |
| 08-23-2011 | 1230 | < .1 | < .32 | 11.1 | < .42 | < .12 | < .050 | < .10 | < .04 | 0.1 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 23 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Diiso- | Dimethyl | Di-n-butyl | Di-n-octyl | Ethyl | Ethyl | Ethyl- | Fluoran- |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | phthalate, | propyl | phthalate, | phthalate, | phthalate, | metha- | methyl | benzene, | thene, |
| | | water, | ether, | water, | water, | water, | crylate, | ketone, | water, | water, |
| | | unfiltered, | water, | unfiltered, | unfiltered, | unfiltered, | water, | water, | unfiltered, | unfiltered, |
| | | recover- | unfiltered, | recover- | recover- | recover- | unfiltered, | unfiltered, | recover- | recover- |
| | | able, | recover- | able, | able, | able, | recover- | recover- | able, | able, |
| | | µg/L | able, | µg/L | µg/L | µg/L | able, | able, | µg/L | µg/L |
| | | (34336) | µg/L | (34341) | (39110) | (34596) | (73570) | (81595) | (34371) | (34376) |
| | | | (81577) | | | | | | | |
| 08-23-2011 | 1230 | < .62 | < .06 | < .36 | < 2.00 | < .6 | < .20 | < 1.6 | < .036 | < .30 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 24 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Hexa- | Hexa- | Hexa- | Indeno- | Isobutyl | Iso- | Isopropyl- | Methyl | Methyl |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | chloro- | chloro- | chloro- | [1,2,3-cd]- | methyl | phorone, | benzene, | acetate, | acrylate, |
| | | butadiene, | cyclo- | ethane, | pyrene, | ketone, | water, | water, | water, | water, |
| | | unfiltered, | penta- | unfiltered, | water, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, |
| | | recover- | diene, | recover- | unfiltered, | recover- | recover- | recover- | recover- | recover- |
| | | able, | water, | able, | recover- | able, | able, | able, | able, | able, |
| | | µg/L | unfiltered, | µg/L | able, | µg/L | µg/L | µg/L | µg/L | µg/L |
| | | (39702) | recover- | (34396) | (34403) | (78133) | (34408) | (77223) | (77032) | (49991) |
| | | | able, | | | | | | | |
| 08-23-2011 | 1230 | < .08 | < .50 | < .22 | < .38 | < .32 | < .26 | < .042 | < .46 | < .8 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 25 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 acrylonitrile, water, unfiltered, recoverable, | Methyl methacrylate, water, unfiltered, recoverable, | Methyl tert-butyl ether, water, unfiltered, recoverable, | Methyl tert-pentyl ether, water, unfiltered, recoverable, | Methylene blue active substances, water, unfiltered, recoverable, | m-Xylene plus p-xylene, water, unfiltered, recoverable, | Naphthalene, water, unfiltered, recoverable, | n-Butyl methyl ketone, water, unfiltered, recoverable, | n-Butylbenzene, water, unfiltered, recoverable, |
|------------|-------------------|---|--|--|---|---|---|--|--|---|
| | | µg/L (81593) | µg/L (81597) | µg/L (78032) | µg/L (50005) | mg/L (38260) | µg/L (85795) | µg/L (34696) | µg/L (77103) | µg/L (77342) |
| 08-23-2011 | 1230 | < .26 | < .22 | 0.49 | < .06 | 0.054 | < .08 | < .18 | < .4 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 26 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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 | Nitrobenzene, water, unfiltered, recoverable, | N-Nitrosodimethylamine, water, unfiltered, recoverable, | N-Nitrosodipropylamine, water, unfiltered, recoverable, | N-Nitrosodiphenylamine, water, unfiltered, recoverable, | n-Propylbenzene, water, unfiltered, recoverable, | o-Xylene, water, unfiltered, recoverable, | Phenanthrene, water, unfiltered, recoverable, | Phenol, water, unfiltered, recoverable, | Pyrene, water, unfiltered, recoverable, |
|------------|-------------------|---|---|---|---|--|---|---|---|---|
| | | µg/L (34447) | µg/L (34438) | µg/L (34428) | µg/L (34433) | µg/L (77224) | µg/L (77135) | µg/L (34461) | µg/L (34694) | µg/L (34469) |
| 08-23-2011 | 1230 | < 0.26 | < .24 | < .4 | < .28 | < .036 | < .032 | < .32 | < .28 | < .36 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 27 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-Butylbenzene, water, unfiltered, recoverable, | Styrene, water, unfiltered, recoverable, | tert-Amyl alcohol, water, unfiltered, recoverable, | tert-Butyl alcohol, water, unfiltered, recoverable, | tert-Butyl ethyl ether, water, unfiltered, recoverable, | tert-Butylbenzene, water, unfiltered, recoverable, | Tetra-chloroethene, water, unfiltered, recoverable, | Tetra-chloromethane, water, unfiltered, recoverable, | Tetrahydrofuran, water, unfiltered, recoverable, |
|------------|-------------------|---|--|--|---|---|--|---|--|--|
| | | µg/L (77350) | µg/L (77128) | µg/L (77073) | µg/L (77035) | µg/L (50004) | µg/L (77353) | µg/L (34475) | µg/L (32102) | µg/L (81607) |
| 08-23-2011 | 1230 | < .034 | < .042 | < .6 | < .80 | < .032 | < .060 | 6.36 | < .06 | < 1.4 |

404419073590801 Local number NY 253. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 28 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, 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-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) | Trichloro-methane, water, unfiltered, recoverable, µg/L (32106) | Vinyl chloride, water, unfiltered, recoverable, µg/L (39175) |
|------------|-------------------|---|---|---|--|--|--|---|--|
| 08-23-2011 | 1230 | < .02 | 0.190 | < 5.0 | < .10 | 2.52 | < .06 | < .03 | 1.60 |



Water-Data Report 2011

404424074002301 Local number NY 249. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°44'24.7", long 74°00'23.6" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of South 13th Street, 38 ft west of 9th Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30.3 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 16.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--October 2004 to current year.

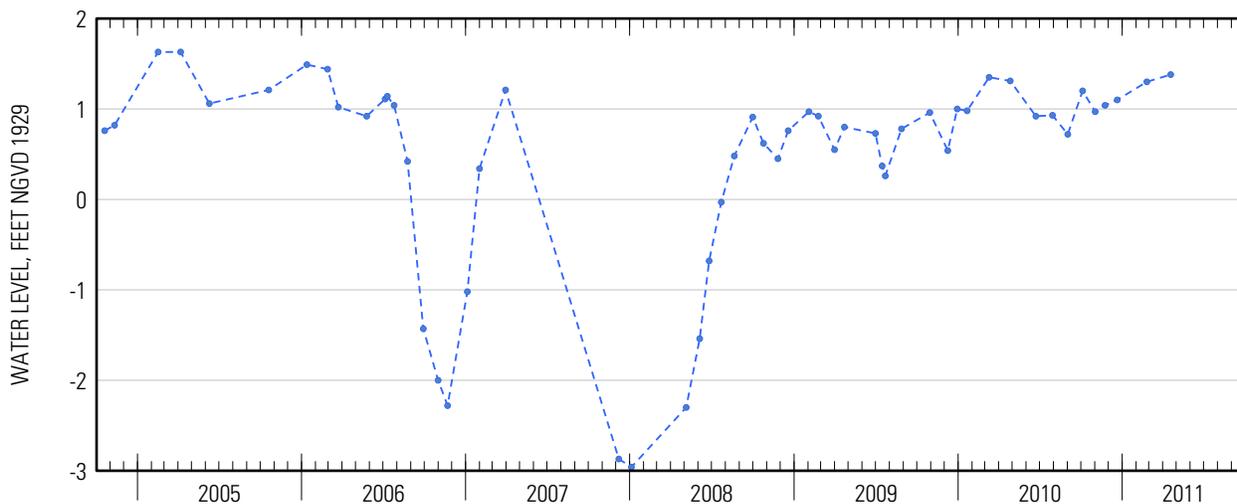
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.63 ft above sea level, February 15, 2005; lowest measured, 2.96 ft below sea level, January 4, 2008.

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

| Date | Water level | Date | Water level |
|-------|-------------|--------|-------------|
| Oct 4 | 1.20 | Dec 20 | 1.10 |
| Nov 1 | 0.97 | Feb 24 | 1.30 |
| 23 | 1.04 | Apr 18 | 1.38 |



Water-Data Report 2011

404452073582502 Local number NY 242. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°44'52.8", long 73°58'25.5" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at east side of 2nd Avenue, 76 ft north of East 39th Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 65.2 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 35.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

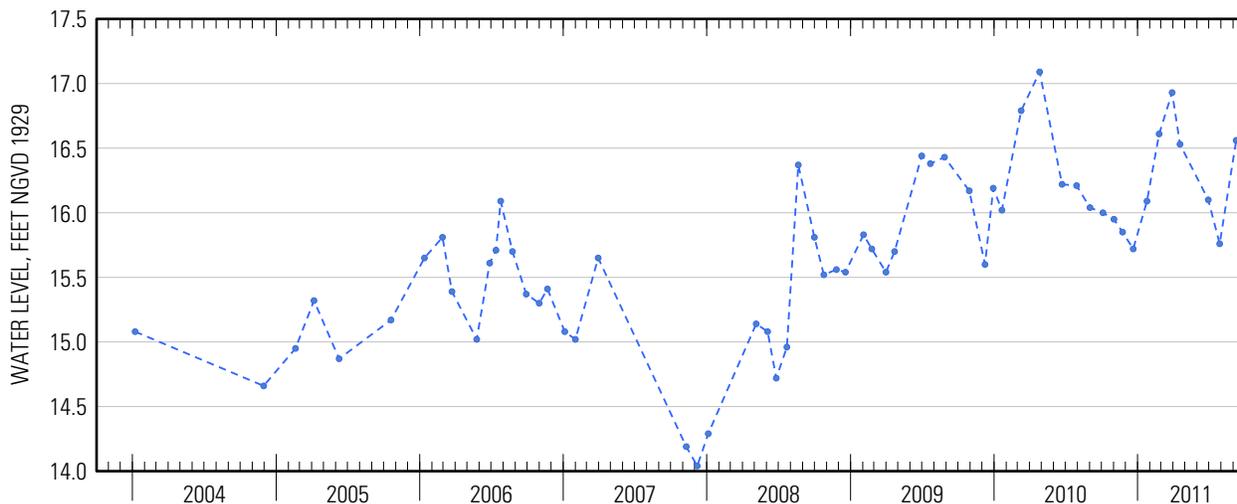
PERIOD OF RECORD.--January 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.09 ft above sea level, April 26, 2010; lowest measured, 14.04 ft above sea level, December 7, 2007.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 16.00 | Mar 29 | 16.93 |
| Nov 1 | 15.95 | Apr 18 | 16.53 |
| 23 | 15.85 | Jun 29 | 16.10 |
| Dec 20 | 15.72 | Jul 28 | 15.76 |
| Jan 24 | 16.09 | Sep 8 | 16.56 |
| Feb 24 | 16.61 | 30 | 16.68 |



Water-Data Report 2011

404459073594501 Local number NY 227. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°44'59.07", long 73°59'45.55" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of west 30th Street, 60 ft west of 8th Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 192 ft. Upper casing diameter 3 in; top of first opening 23.5 ft, bottom of last opening 192 ft. Cased to 23.5 ft, open hole.

DATUM.--Land-surface datum is 31.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--January 2004 to current year.

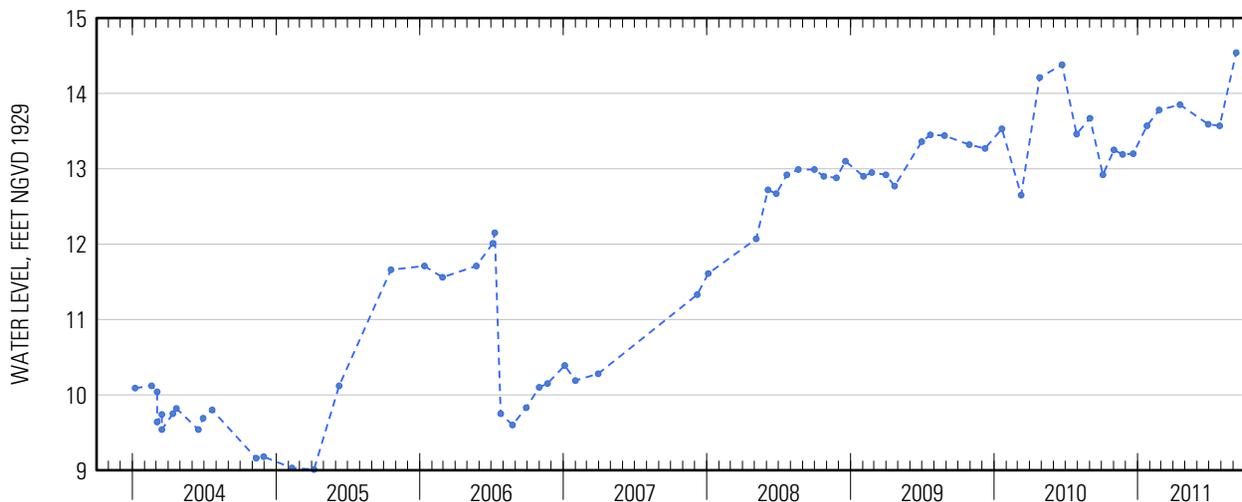
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.54 ft above sea level, September 8, 2011; lowest measured, 9.01 ft above sea level, April 6, 2005.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 12.92 | Feb 24 | 13.78 |
| Nov 1 | 13.25 | Apr 18 | 13.85 |
| 23 | 13.19 | Jun 29 | 13.59 |
| Dec 20 | 13.20 | Jul 28 | 13.57 |
| Jan 24 | 13.57 | Sep 8 | 14.54 |





Water-Data Report 2011

404521073580401 Local number NY 211. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°45'21.1", long 73°58'04.0" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of East 52nd Street, 54 ft east of 2nd Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 490 ft. Upper casing diameter 3 in; top of first opening 25 ft, bottom of last opening 490 ft. Cased to 25 ft, open hole.

DATUM.--Land-surface datum is 38.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--October 2003 to current year.

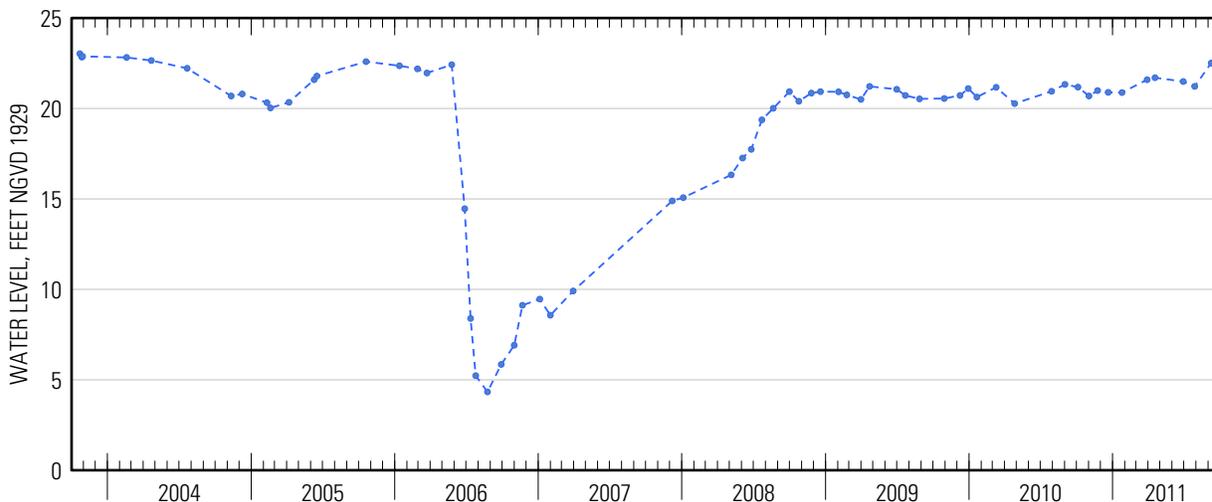
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.03 ft above sea level, October 22, 2003; lowest measured, 4.33 ft above sea level, August 24, 2006.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 21.18 | Apr 18 | 21.70 |
| Nov 1 | 20.69 | Jun 29 | 21.49 |
| 23 | 20.99 | Jul 28 | 21.22 |
| Dec 20 | 20.89 | Sep 8 | 22.51 |
| Jan 24 | 20.88 | 30 | 21.98 |
| Mar 29 | 21.59 | | |



Water-Data Report 2011

404528073580101 Local number NY 183. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°45'27.76", long 73°58'01.14" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at west side of 2nd Avenue, 89 ft south of East 55th Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 545 ft. Upper casing diameter 3 in; top of first opening 18 ft, bottom of last opening 545 ft. Cased to 18 ft, open hole.

DATUM.--Land-surface datum is 42.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

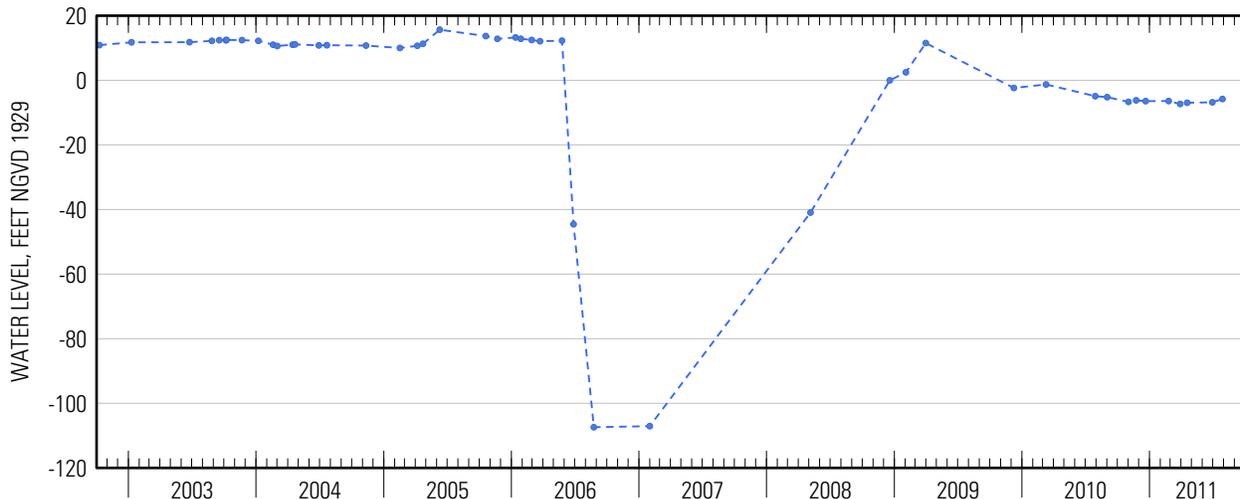
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water levels affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.66 ft above sea level, June 9, 2005; lowest measured, 107.40 ft below sea level, August 24, 2006.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Nov 1 | -6.69 | Mar 29 | -7.33 |
| 23 | -6.20 | Apr 18 | -6.95 |
| Dec 20 | -6.45 | Jun 29 | -6.81 |
| Feb 24 | -6.42 | Jul 28 | -5.79 |



Water-Data Report 2011

404606073583701 Local number NY 252. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°46'06", long 73°58'37" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at Central Park, 120 ft west of Center Drive, just north of entrance drive from 6th Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 72.5 ft. Upper casing diameter 3 in; top of first opening 3 ft, bottom of last opening 72.5 ft. Cased to 3 ft, open hole.

DATUM.--Land-surface datum is 56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft below land-surface datum.

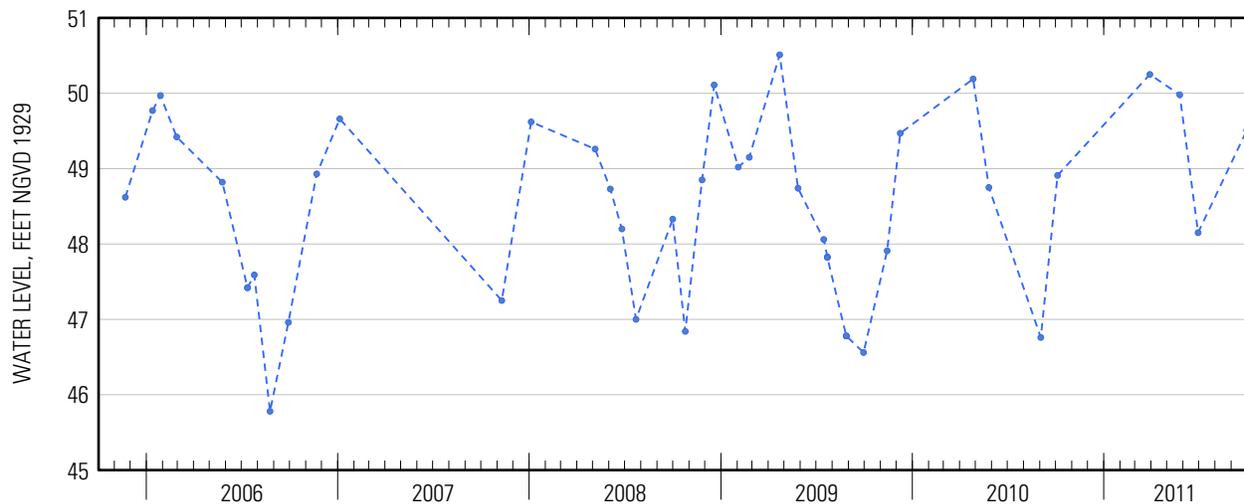
PERIOD OF RECORD.--November 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.51 ft above sea level, April 22, 2009; lowest measured, 45.78 ft above sea level, August 24, 2006.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 48.91 | Jun 29 | 48.15 |
| Mar 29 | 50.25 | Sep 30 | 49.51 |
| May 25 | 49.98 | | |



Water-Data Report 2011

404727073575101 Local number NY 251. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°47'27", long 73°57'51" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at Central Park, at southwest corner of Central Park West Drive and entrance drive from West 96th Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 32.3 ft. Upper casing diameter 3 in; top of first opening 3 ft, bottom of last opening 32.3 ft. Cased to 3 ft, open hole.

DATUM.--Land-surface datum is 99.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft below land-surface datum.

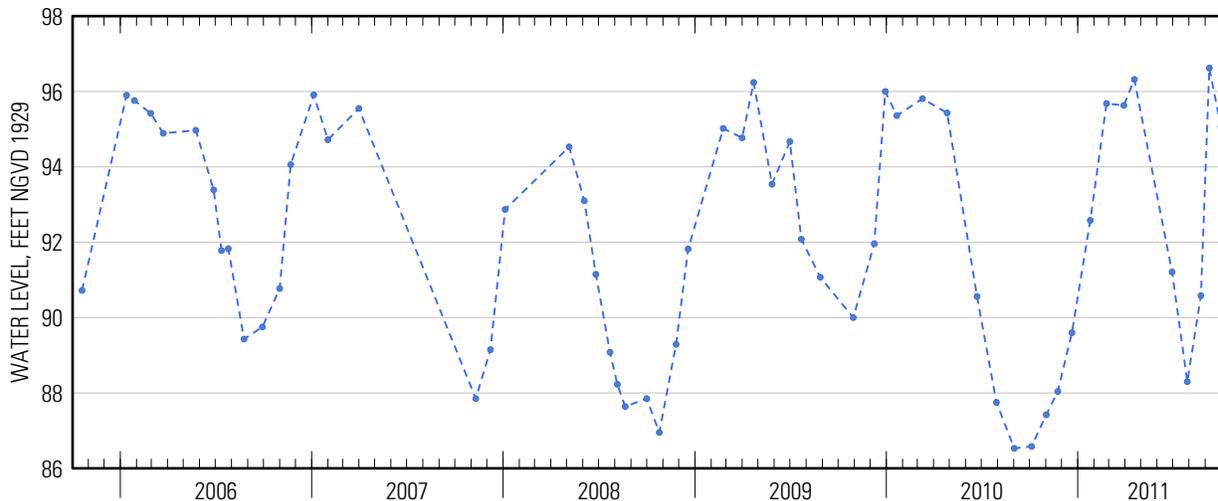
PERIOD OF RECORD.--October 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 96.62 ft above sea level, September 8, 2011; lowest measured, 86.53 ft above sea level, September 1, 2010.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 86.58 | Apr 18 | 96.32 |
| Nov 1 | 87.42 | Jun 29 | 91.21 |
| 23 | 88.04 | Jul 28 | 88.30 |
| Dec 20 | 89.60 | Aug 23 | 90.58 |
| Jan 24 | 92.58 | Sep 8 | 96.62 |
| Feb 24 | 95.68 | 30 | 95.07 |
| Mar 29 | 95.63 | | |



404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|---|--|--|--------------------------------|--|--|---|---|
| 08-23-2011 | 1000 | < 1.0 | 5.6 | 380 | 15.0 | 93 | 239 | 13.1 | 5.10 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|---|--|--|---|---|---|--|---|--|
| 08-23-2011 | 1000 | 2.24 | 49.1 | 45.7 | 45.2 | 0.21 | 15.5 | 40.2 | 0.011 | 3.01 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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, recoverable, 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) |
|------------|-------------------|---|--|--|---|--|--|-------------------------------------|--|--|
| 08-23-2011 | 1000 | 0.013 | 0.016 | 53.1 | 0.085 | 25.1 | 33.9 | 180 | 1,620 | 2.65 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|--|---|---|--|--|--|---|--|---|
| 08-23-2011 | 1000 | 55.7 | 90.3 | 0.023 | 0.063 | 19.8 | 1.6 | 2.28 | < .120 | < .400 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|---|--|---|---|---|--|---|--|--|
| 08-23-2011 | 1000 | < .028 | < .08 | < .0260 | < .06 | < .026 | < .0360 | < .34 | < .36 | < .8 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | 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) | 3-Chloro-propene, water, unfiltered, recoverable, µg/L (78109) | 4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633) | 4-Chloro-3-methyl-phenol, water, filtered, recoverable, µg/L (34452) |
|------------|-------------------|---|--|---|--|---|--|--|--|--|
| 08-23-2011 | 1000 | < .0060 | < .010 | E .009 | < .010 | < 2 | < .0042 | < .08 | < .0046 | < .54 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 7 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | 4-Nitro-phenol, water, unfiltered, recoverable, µg/L (34646) | Aceto-chlor, water, filtered, recoverable, µg/L (49260) | Acrylo-nitrile, water, unfiltered, recoverable, µg/L (34215) | Alachlor, water, filtered, recoverable, µg/L (46342) | Aldrin, water, unfiltered, recoverable, µg/L (39330) | alpha-Endo-sulfan, water, unfiltered, recoverable, µg/L (39388) | Atrazine, water, filtered, recoverable, µg/L (39632) | Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635) | Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686) |
|------------|-------------------|--|---|--|--|--|---|--|---|---|
| 08-23-2011 | 1000 | < .52 | < .010 | < .80 | < .008 | < .013 | < .012 | < .008 | < .042 | < .120 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Benfluralin, | Bromo- | Carbaryl, | Carbon | Chlordane | Chlorpyrifos | Chlor- | cis-1,3-Di- |
|------------|-------------------|---|--|---|--|---|---|--|---|
| | | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673) | methane, water, unfiltered, recoverable, µg/L (34413) | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680) | disulfide, water, unfiltered, µg/L (77041) | (techni- cal), water, unfiltered, recoverable, µg/L (39350) | oxygen analog, water, filtered, recoverable, µg/L (61636) | pyrifos, water, filtered, recoverable, µg/L (38933) | chloro- propene, water, unfiltered, recoverable, µg/L (34704) |
| 08-23-2011 | 1000 | < .014 | < .2 | < .060 | < .1 | < .1 | < .06 | < .0036 | < .10 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 9 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | cis- | | DCPA, | Desulfinyl- | Desulfinyl- | Diazinon, | Dichlor- | Dicroto- | |
|------------|-------------------|--|---|--|--|--|---|--|---|---|
| | | Permeth- rin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687) | Cyfluthrin, water, filtered, recoverable, µg/L (61585) | water, filtered, recoverable, µg/L (61586) | filtered water, glass fiber filter), recoverable, µg/L (82682) | fipronil amide, water, filtered, recoverable, µg/L (62169) | fipronil, water, filtered, recoverable, µg/L (62170) | water, filtered, recoverable, µg/L (39572) | vos, water, filtered, recoverable, µg/L (38775) | phos, water, filtered, recoverable, µg/L (38454) |
| 08-23-2011 | 1000 | < .010 | < .016 | < .020 | < .0076 | E .012 | 0.009 | < .0060 | < .04 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 10 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Dieldrin, | Dieldrin, | Dimetho- | Endrin, | Ethion | Ethion, | Fenami- | Fenami- | Fenami- |
|------------|-------------------|--|--|--|--|--|--|--|--|---|
| | | water, filtered, recoverable, µg/L (39381) | water, unfiltered, recoverable, µg/L (39380) | ate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662) | water, unfiltered, recoverable, µg/L (39390) | monoxon, water, filtered, recoverable, µg/L (61644) | water, filtered, recoverable, µg/L (82346) | sulfone, water, filtered, recoverable, µg/L (61645) | sulfoxide, water, filtered, recoverable, µg/L (61646) | phos, water, filtered, recoverable, µg/L (61591) |
| 08-23-2011 | 1000 | < .008 | < .008 | < .0060 | < .012 | < .021 | < .008 | < .054 | < .08 | < .030 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 11 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|--|--|--|---|--|--|---|--|---|
| 08-23-2011 | 1000 | 0.009 | < .024 | E .010 | < .0048 | < .009 | < .008 | < .30 | < .008 | < .26 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 12 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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 parathion, water, filtered, recoverable, µg/L (61664) | Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667) |
|------------|-------------------|---|--|---|--|---|---|--|--|--|
| 08-23-2011 | 1000 | < .014 | < .006 | < .014 | < .022 | < .016 | < .014 | < .012 | < .014 | < .008 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|---|--|---|--|--|--|--|---|---|
| 08-23-2011 | 1000 | < .020 | < .012 | < .0060 | < .010 | < .016 | < .014 | < .010 | < .002 | < .012 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 14 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Penta-chloro-phenol, 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) | Propyz-amide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676) | Simazine, water, filtered, recoverable, µg/L (04035) |
|------------|-------------------|---|---|---|---|---|--|---|--|--|
| 08-23-2011 | 1000 | < .6 | < .027 | < .020 | < .0511 | < .140 | < .012 | < .006 | < .0036 | < .006 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 15 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670) | Terbufos oxygen sulfone, water, filtered, recoverable, µg/L (61674) | Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82675) | Terbuthyl-azine, water, filtered, recoverable, µg/L (04022) | Toxa-phene, water, unfiltered, recoverable, µg/L (39400) | trans-1,3-Dichloro-propene, 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) |
|------------|-------------------|--|---|--|---|--|--|---|---|--|
| 08-23-2011 | 1000 | < .028 | < .045 | < .018 | < .006 | < 1 | < .14 | < .018 | < .018 | < .1 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 16 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | 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-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-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) |
|------------|-------------------|---|---|---|---|---|--|--|---|--|
| 08-23-2011 | 1000 | < .040 | < .030 | < .14 | < .034 | < .028 | < .044 | < .022 | < .040 | < .10 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 17 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | 1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (50000) | 1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (77613) | 1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77221) | 1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (34551) | 1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77222) | 1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536) | 1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, µg/L (82626) | 1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226) | 1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566) |
|------------|-------------------|--|--|--|--|--|--|--|--|--|
| 08-23-2011 | 1000 | < .080 | < .06 | < .060 | < .08 | < .032 | < .028 | < .30 | < .032 | < .024 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 18 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | 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-naph-thalene, water, unfiltered, recoverable, µg/L (34581) | 2-Chloro-phenol, water, unfiltered, recoverable, µg/L (34586) | 2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275) | 2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220) | 2-Nitro-phenol, water, unfiltered, recoverable, µg/L (34591) |
|------------|-------------------|---|--|---|---|---|---|--|---|--|
| 08-23-2011 | 1000 | < .06 | < 2 | < .56 | < .4 | < .16 | < .26 | < .028 | < .032 | < .4 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 19 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | 3,3'-Dichlorobenzidine, water, unfiltered, recoverable, µg/L (34631) | 4-Bromophenyl ether, water, unfiltered, recoverable, µg/L (34636) | 4-Chlorophenyl ether, water, unfiltered, recoverable, µg/L (34641) | 4-Chlorotoluene, water, unfiltered, recoverable, µg/L (77277) | 4-Iso-propyltoluene, 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) |
|------------|-------------------|--|---|--|---|---|---|--|--|---|
| 08-23-2011 | 1000 | < .42 | < .24 | < .34 | < .042 | < .06 | < .34 | < .28 | < .30 | < 3.4 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 20 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|--|---|--|--|--|--|--|--|--|
| 08-23-2011 | 1000 | 0.01 | < .026 | < .26 | < .32 | < .30 | < .38 | < .30 | < 1.8 | < .24 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 21 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| 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) |
|------------|-------------------|--|--|---|--|--|--|---|---|--|
| 08-23-2011 | 1000 | < .30 | < .14 | < 2.6 | < .022 | < .06 | < .034 | < .12 | < .026 | < .06 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 22 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Chloro- | Chrysene, | Dibenzo- | Dibromo- | Dibromo- | Dichloro- | Dichloro- | Diethyl | |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| | | methane, | water, | cis-1,2-Di- | chloro- | chloro- | difluoro- | methane, | ether, | |
| | | water, | water, | chloro- | methane, | methane, | methane, | methane, | water, | |
| | | unfiltered, | unfiltered, | ethene, | water, | water, | water, | water, | unfiltered, | |
| | | recover- | recover- | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | |
| | | able, | able, | recover- | recover- | recover- | recover- | recover- | recover- | |
| | | µg/L | µg/L | able, | able, | able, | able, | able, | able, | |
| | | (34418) | (34320) | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | |
| | | | | (77093) | (34556) | (32105) | (30217) | (34668) | (34423) | |
| | | | | | | | | | (81576) | |
| 08-23-2011 | 1000 | < .1 | < .32 | < .022 | < .42 | < .12 | < .050 | < .10 | < .04 | < .1 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 23 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Diethyl | Diiso- | Dimethyl | Di-n-butyl | Di-n-octyl | Ethyl | Ethyl | Ethyl- | Fluoran- |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | phthalate, | propyl | phthalate, | phthalate, | phthalate, | metha- | methyl | benzene, | thene, |
| | | water, | ether, | water, | water, | water, | crylate, | water, | water, | water, |
| | | unfiltered, | water, | unfiltered, | unfiltered, | unfiltered, | water, | unfiltered, | unfiltered, | unfiltered, |
| | | recover- | unfiltered, | recover- | recover- | recover- | unfiltered, | recover- | recover- | recover- |
| | | able, | recover- | able, | able, | able, | unfiltered, | able, | able, | able, |
| | | µg/L | able, | µg/L | µg/L | µg/L | unfiltered, | µg/L | µg/L | µg/L |
| | | (34336) | µg/L | (34341) | (39110) | (34596) | unfiltered, | (81595) | (34371) | (34376) |
| | | | (81577) | | | | unfiltered, | | | |
| | | | | | | | unfiltered, | | | |
| 08-23-2011 | 1000 | < .62 | < .06 | < .36 | < 2.00 | < .6 | < .20 | < 1.6 | < .036 | < .30 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 24 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Hexa- | Hexa- | Hexa- | Indeno- | Isobutyl | Iso- | Isopropyl- | Methyl | Methyl |
|------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | chloro- | chloro- | chloro- | [1,2,3-cd]- | methyl | phorone, | benzene, | acetate, | acrylate, |
| | | butadiene, | cyclo- | ethane, | pyrene, | ketone, | water, | water, | water, | water, |
| | | unfiltered, | penta- | unfiltered, | water, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, |
| | | recover- | diene, | recover- | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, | unfiltered, |
| | | able, | water, | able, | recover- | recover- | recover- | recover- | recover- | recover- |
| | | µg/L | unfiltered, | µg/L | able, | able, | able, | able, | able, | able, |
| | | (39702) | recover- | (34386) | µg/L | (78133) | (34408) | (77223) | (77032) | (49991) |
| | | | able, | | (34403) | | | | | |
| | | | µg/L | | | | | | | |
| | | | (34396) | | | | | | | |
| | | | | | | | | | | |
| 08-23-2011 | 1000 | < .08 | < .50 | < .22 | < .38 | < .32 | < .26 | < .042 | < .46 | < .8 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 25 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Methyl acrylonitrile, water, unfiltered, recoverable, | Methyl methacrylate, water, unfiltered, recoverable, | Methyl tert-butyl ether, water, unfiltered, recoverable, | Methyl tert-pentyl ether, water, unfiltered, recoverable, | Methylene blue active substances, water, unfiltered, recoverable, | m-Xylene plus p-xylene, water, unfiltered, recoverable, | Naphthalene, water, unfiltered, recoverable, | n-Butyl methyl ketone, water, unfiltered, recoverable, | n-Butylbenzene, water, unfiltered, recoverable, |
|------------|-------------------|---|--|--|---|---|---|--|--|---|
| | | (81593) µg/L | (81597) µg/L | (78032) µg/L | (50005) µg/L | (38260) mg/L | (85795) µg/L | (34696) µg/L | (77103) µg/L | (77342) µg/L |
| 08-23-2011 | 1000 | < .26 | < .22 | < .10 | < .06 | < .050 | < .08 | < .18 | < .4 | < .08 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 26 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Nitrobenzene, water, unfiltered, recoverable, | N-Nitrosodimethylamine, water, unfiltered, recoverable, | N-Nitrosodipropylamine, water, unfiltered, recoverable, | N-Nitrosodiphenylamine, water, unfiltered, recoverable, | n-Propylbenzene, water, unfiltered, recoverable, | o-Xylene, water, unfiltered, recoverable, | Phenanthrene, water, unfiltered, recoverable, | Phenol, water, unfiltered, recoverable, | Pyrene, water, unfiltered, recoverable, |
|------------|-------------------|---|---|---|---|--|---|---|---|---|
| | | (34447) µg/L | (34438) µg/L | (34428) µg/L | (34433) µg/L | (77224) µg/L | (77135) µg/L | (34461) µg/L | (34694) µg/L | (34469) µg/L |
| 08-23-2011 | 1000 | < 0.26 | < .24 | < .4 | < .28 | < .036 | < .032 | < .32 | < .28 | < .36 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 27 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | sec-Butylbenzene, water, unfiltered, recoverable, | Styrene, water, unfiltered, recoverable, | tert-Amyl alcohol, water, unfiltered, recoverable, | tert-Butyl alcohol, water, unfiltered, recoverable, | tert-Butyl ethyl ether, water, unfiltered, recoverable, | tert-Butylbenzene, water, unfiltered, recoverable, | Tetra-chloroethene, water, unfiltered, recoverable, | Tetra-chloromethane, water, unfiltered, recoverable, | Tetrahydrofuran, water, unfiltered, recoverable, |
|------------|-------------------|---|--|--|---|---|--|---|--|--|
| | | (77350) µg/L | (77128) µg/L | (77073) µg/L | (77035) µg/L | (50004) µg/L | (77353) µg/L | (34475) µg/L | (32102) µg/L | (81607) µg/L |
| 08-23-2011 | 1000 | < .034 | < .042 | < .6 | < .80 | < .032 | < .060 | < .026 | < .06 | < 1.4 |

404727073575101 Local number NY 251. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 28 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO₂, silicon dioxide; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | 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) | Trichloro-methane, water, unfiltered, recoverable, µg/L (32106) | Vinyl chloride, water, unfiltered, recoverable, µg/L (39175) |
|------------|-------------------|---|---|---|--|--|--|---|--|
| 08-23-2011 | 1000 | < .02 | < .018 | < 5.0 | < .10 | < .022 | < .06 | 0.02 | < .06 |

Water-Data Report 2011

404750073571801 Local number NY 250. 1

New York and New England crystalline-rock aquifers
Basement Complex

New York County, NY

LOCATION.--Lat 40°47'50", long 73°57'18" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at Central Park, 28 ft west of Central Park East Drive, just south of Central Park North Drive, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 3 in; top of first opening 18 ft, bottom of last opening 75 ft. Cased to 18 ft, open hole.

DATUM.--Land-surface datum is 27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft below land-surface datum.

PERIOD OF RECORD.--October 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.37 ft above sea level, April 18, 2011; lowest measured, 14.65 ft above sea level, October 24, 2008.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 4 | 15.91 | Apr 18 | 24.37 |
| Nov 1 | 15.77 | Jun 29 | 19.25 |
| 23 | 15.68 | Jul 28 | 17.51 |
| Dec 20 | 16.12 | Sep 30 | 22.03 |
| Jan 24 | 18.53 | | |

