

Water-Data Report 2011

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY

Lower Hudson Basin
Sandy Hook-Staten Island Subbasin

LOCATION.--Lat 40°37'05.9", long 74°06'29.0" referenced to North American Datum of 1983, Richmond County, NY, Hydrologic Unit 02030104, at Clove Lakes Park, Staten Island.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 2008 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1988.

REMARKS.--Records good. Satellite elevation telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 132.05 ft, Aug. 14, 2011; minimum elevation, 129.81 ft, Jan. 2, 3, 2010.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 132.05 ft, Aug. 14; minimum elevation, 129.86 ft, part of many days throughout the water year.

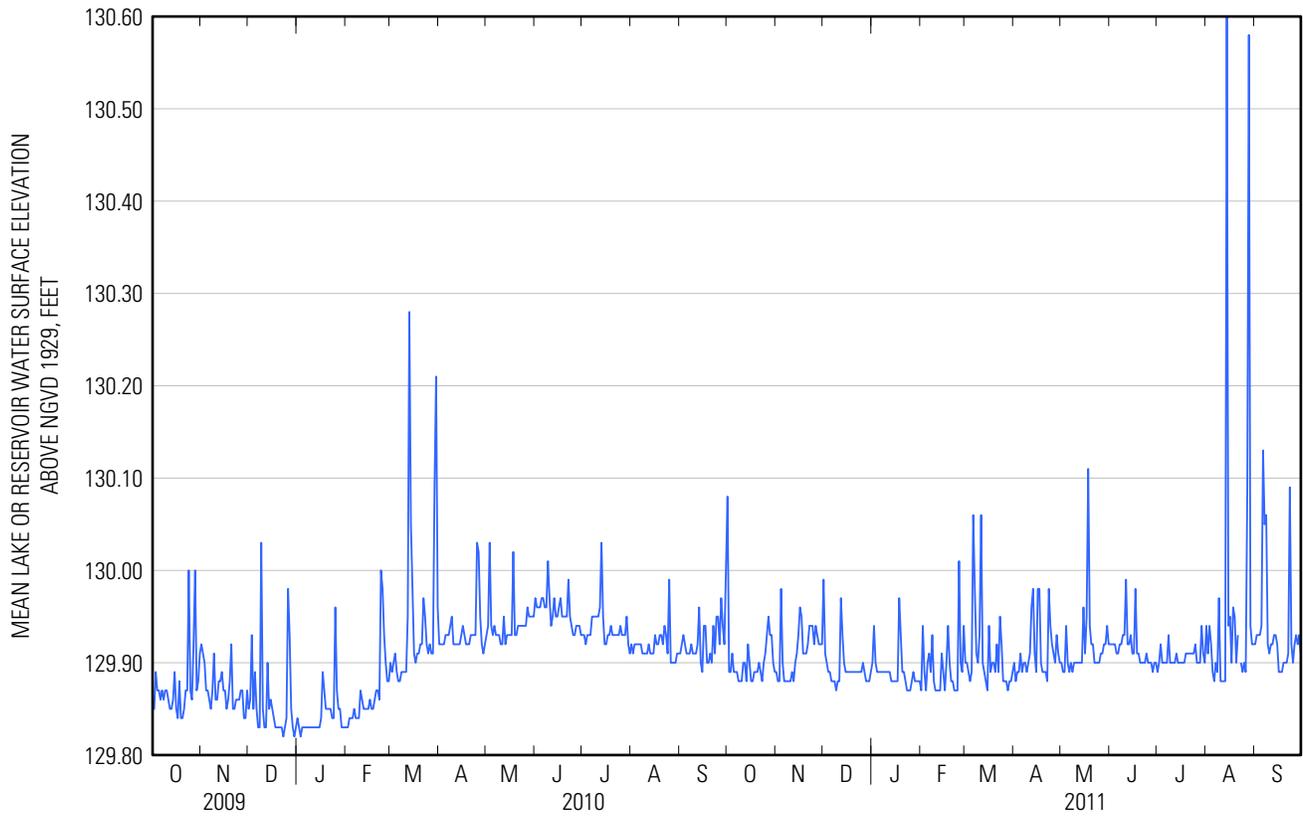
01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | 130.08 | 129.89 | 129.99 | 129.90 | 129.87 | 129.90 | 129.90 | 129.90 | 129.92 | 129.89 | 129.94 | 129.92 |
| 2 | 129.89 | 129.88 | 129.91 | 129.94 | 129.94 | 129.90 | 129.88 | 129.89 | 129.92 | 129.90 | 129.91 | 129.93 |
| 3 | 129.89 | 129.88 | 129.90 | 129.90 | 129.89 | 129.89 | 129.89 | 129.89 | 129.92 | 129.92 | 129.94 | 129.93 |
| 4 | 129.91 | 129.98 | 129.89 | 129.89 | 129.87 | 129.88 | 129.89 | 129.94 | 129.92 | 129.90 | 129.92 | 129.93 |
| 5 | 129.89 | 129.90 | 129.89 | 129.89 | 129.90 | 129.89 | 129.91 | 129.90 | 129.91 | 129.90 | 129.89 | 129.94 |
| 6 | 129.89 | 129.88 | 129.88 | 129.89 | 129.91 | 130.06 | 129.89 | 129.89 | 129.91 | 129.90 | 129.88 | 130.13 |
| 7 | 129.89 | 129.88 | 129.88 | 129.89 | 129.89 | 129.98 | 129.90 | 129.90 | 129.92 | 129.90 | 129.90 | 130.05 |
| 8 | 129.88 | 129.88 | 129.88 | 129.89 | 129.93 | 129.91 | 129.90 | 129.89 | 129.92 | 129.93 | 129.89 | 130.06 |
| 9 | 129.88 | 129.88 | 129.87 | 129.89 | 129.88 | 129.90 | 129.89 | 129.90 | 129.93 | 129.90 | 129.97 | 129.92 |
| 10 | 129.88 | 129.88 | 129.88 | 129.89 | 129.87 | 129.93 | 129.90 | 129.90 | 129.93 | 129.90 | 129.88 | 129.91 |
| 11 | 129.90 | 129.89 | 129.88 | 129.89 | 129.87 | 130.06 | 129.91 | 129.90 | 129.99 | 129.90 | 129.88 | 129.92 |
| 12 | 129.90 | 129.88 | 129.97 | 129.89 | 129.87 | 129.90 | 129.96 | 129.90 | 129.92 | 129.90 | 129.88 | 129.92 |
| 13 | 129.88 | 129.90 | 129.93 | 129.88 | 129.87 | 129.89 | 129.98 | 129.90 | 129.92 | 129.91 | 129.88 | 129.93 |
| 14 | 129.92 | 129.91 | 129.90 | 129.88 | 129.91 | 129.88 | 129.91 | 129.90 | 129.93 | 129.90 | 130.60 | 129.93 |
| 15 | 129.90 | 129.93 | 129.89 | 129.88 | 129.89 | 129.87 | 129.89 | 129.96 | 129.91 | 129.90 | 129.94 | 129.92 |
| 16 | 129.88 | 129.96 | 129.89 | 129.88 | 129.87 | 129.94 | 129.98 | 129.91 | 129.91 | 129.90 | 129.95 | 129.89 |
| 17 | 129.88 | 129.95 | 129.89 | 129.88 | 129.90 | 129.89 | 129.98 | 129.95 | 129.98 | 129.90 | 129.90 | 129.89 |
| 18 | 129.89 | 129.91 | 129.89 | 129.97 | 129.94 | 129.90 | 129.90 | 130.11 | 129.91 | 129.90 | 129.96 | 129.89 |
| 19 | 129.89 | 129.91 | 129.89 | 129.93 | 129.90 | 129.90 | 129.89 | 129.94 | 129.91 | 129.91 | 129.95 | 129.90 |
| 20 | 129.89 | 129.91 | 129.89 | 129.89 | 129.88 | 129.89 | 129.89 | 129.92 | 129.90 | 129.91 | 129.90 | 129.90 |
| 21 | 129.90 | 129.92 | 129.89 | 129.89 | 129.88 | 129.92 | 129.89 | 129.92 | 129.90 | 129.91 | 129.93 | 129.90 |
| 22 | 129.89 | 129.94 | 129.89 | 129.88 | 129.87 | 129.89 | 129.88 | 129.90 | 129.90 | 129.91 | --- | 129.91 |
| 23 | 129.88 | 129.94 | 129.89 | 129.87 | 129.87 | 129.95 | 129.98 | 129.90 | 129.90 | 129.91 | 129.90 | 130.09 |
| 24 | 129.90 | 129.94 | 129.89 | 129.87 | 129.87 | 129.92 | 129.94 | 129.90 | 129.91 | 129.91 | 129.89 | 129.92 |
| 25 | 129.91 | 129.92 | 129.89 | 129.87 | 130.01 | 129.88 | 129.92 | 129.90 | 129.90 | 129.92 | 129.90 | 129.90 |
| 26 | 129.93 | 129.94 | 129.90 | 129.88 | 129.90 | 129.88 | 129.91 | 129.91 | 129.90 | 129.90 | 129.89 | 129.92 |
| 27 | 129.95 | 129.93 | 129.89 | 129.89 | 129.89 | 129.88 | 129.90 | 129.91 | 129.90 | 129.90 | 130.09 | 129.93 |
| 28 | 129.93 | 129.92 | 129.88 | 129.88 | 129.94 | 129.87 | 129.93 | 129.92 | 129.89 | 129.90 | 130.58 | 129.92 |
| 29 | 129.93 | 129.92 | 129.88 | 129.88 | --- | 129.88 | 129.91 | 129.92 | 129.90 | 129.94 | 129.94 | 129.93 |
| 30 | 129.90 | 129.92 | 129.88 | 129.88 | --- | 129.88 | 129.90 | 129.94 | 129.90 | 129.91 | 129.92 | 129.91 |
| 31 | 129.89 | --- | 129.89 | 129.88 | --- | 129.89 | --- | 129.92 | --- | 129.90 | 129.92 | --- |
| Mean | 129.90 | 129.91 | 129.90 | 129.89 | 129.90 | 129.91 | 129.91 | 129.92 | 129.92 | 129.91 | 129.96 | 129.94 |
| Max | 130.08 | 129.98 | 129.99 | 129.97 | 130.01 | 130.06 | 129.98 | 130.11 | 129.99 | 129.94 | 130.60 | 130.13 |
| Min | 129.88 | 129.88 | 129.87 | 129.87 | 129.87 | 129.87 | 129.88 | 129.89 | 129.89 | 129.89 | 129.88 | 129.89 |
| Med | 129.89 | 129.91 | 129.89 | 129.89 | 129.89 | 129.89 | 129.90 | 129.90 | 129.91 | 129.90 | 129.91 | 129.92 |

| | Calendar Year 2010 | Water Year 2011 |
|-------------|--------------------|-----------------|
| Mean | 129.91 | 129.91 |
| Max | 130.28 | 130.60 |
| Min | 129.82 | 129.87 |
| Med | 129.92 | 129.90 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued



01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Barometric pressure, mm Hg (00025) | Dissolved oxygen, water, unfiltered, mg/L (00300) | Dissolved oxygen, water, unfiltered, % saturation (00301) | 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) |
|------------|-------------------|------------------------------------|---|---|--|--|--------------------------------|--|--|
| 10-12-2010 | 1000 | 754 | 8.0 | 84 | 7.6 | 448 | 17.4 | 10 | 237 |

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Calcium, water, unfiltered, recoverable, mg/L (00916) | Magnesium, water, unfiltered, recoverable, mg/L (00927) | Potassium, water, unfiltered, recoverable, mg/L (00937) | Sodium, water, unfiltered, recoverable, mg/L (00929) | ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO 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) |
|------------|-------------------|---|---|---|--|--|---|---|---|--|
| 10-12-2010 | 1000 | 20.2 | 19.8 | 2.11 | 27.4 | 104 | 65.7 | 0.11 | 7.29 | 12.2 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 3 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Ammonia, water, filtered, mg/L as N (00608) | Nitrate plus nitrite, water, filtered, mg/L as N (00631) | Nitrite, water, filtered, mg/L as N (00613) | Orthophosphate, water, filtered, mg/L as P (00671) | Dead fish, severity (01340) | Barium, water, unfiltered, recoverable, µg/L (01007) | Cadmium, water, unfiltered, µg/L (01027) | Chromium, water, unfiltered, recoverable, µg/L (01034) |
|------------|-------------------|---|--|---|--|-----------------------------|--|--|--|
| 10-12-2010 | 1000 | 0.16 | 0.86 | 0.053 | 0.006 | None | 82.2 | <0.050 | 1.1 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Copper, water, unfiltered, recoverable, µg/L (01042) | Iron, water, filtered, µg/L (01046) | Iron, water, unfiltered, recoverable, µg/L (01045) | Lead, water, unfiltered, recoverable, µg/L (01051) | Manganese, water, filtered, µg/L (01056) | Manganese, water, unfiltered, recoverable, µg/L (01055) | Mercury, water, unfiltered, recoverable, µg/L (71900) | Silver, water, unfiltered, recoverable, µg/L (01077) | Zinc, water, unfiltered, recoverable, µg/L (01092) |
|------------|-------------------|--|-------------------------------------|--|--|--|---|---|--|--|
| 10-12-2010 | 1000 | 4.7 | 84.4 | 465 | 361 | 34.8 | 65.2 | <0.005 | <0.015 | 10.3 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 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) | 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) |
|------------|-------------------|--|---|--|---|---|--|---|---|---|
| 10-12-2010 | 1000 | 3.2 | 0.298 | <0.120 | <0.400 | <0.028 | <0.08 | <0.0260 | <0.06 | <0.026 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 1-Naphthol, | 2,4,6-Trichloro- | 2,4-Dichloro- | 2,4-Dimethyl- | 2,6-Diethyl-aniline, | 2-Chloro-2',6'-diethyl- | 2-Chloro-4-isopropyl-amino-6-triazine, | 2-Ethyl-6-methyl- | 2-Methyl-4,6-dinitro- |
|------------|-------------------|--|--|--|--|--|---|--|--|--|
| | | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295) | phenol, water, unfiltered, recoverable, µg/L (34621) | phenol, water, unfiltered, recoverable, µg/L (34601) | phenol, water, unfiltered, recoverable, µg/L (34606) | water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660) | acetanilide, water, filtered, recoverable, µg/L (61618) | water, filtered, recoverable, µg/L (04040) | water, filtered, recoverable, µg/L (61620) | phenol, water, unfiltered, recoverable, µg/L (34657) |
| 10-12-2010 | 1000 | <0.0360 | <0.34 | <0.36 | <0.8 | <0.0060 | <0.010 | <0.006 | <0.010 | <2 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 3,4-Dichloro- | 3-Chloro- | 4-Chloro-2-methyl- | 4-Chloro-3-methyl- | 4-Nitro- | Aceto- | Acrylo- | Alachlor, | Aldrin, |
|------------|-------------------|---|---|--|--|--|---|---|--|--|
| | | aniline, water, filtered, recoverable, µg/L (61625) | propene, water, unfiltered, recoverable, µg/L (78109) | phenol, water, filtered, recoverable, µg/L (61633) | phenol, water, filtered, recoverable, µg/L (34452) | phenol, water, unfiltered, recoverable, µg/L (34646) | chlor, water, filtered, recoverable, µg/L (49260) | nitrile, water, unfiltered, recoverable, µg/L (34215) | water, filtered, recoverable, µg/L (46342) | water, unfiltered, recoverable, µg/L (39330) |
| 10-12-2010 | 1000 | <0.0058 | <0.08 | <0.0046 | <0.54 | 0.54 | <0.010 | <0.80 | <0.011 | <0.013 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | alpha-Endo-sulfan, water, unfiltered, recoverable, µg/L (39388) | Atrazine, water, filtered, recoverable, µg/L (39632) | Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635) | Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686) | Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673) | Bromo-methane, water, unfiltered, recoverable, µg/L (34413) | Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680) | Carbon disulfide, water, unfiltered, µg/L (77041) | Chlordane (technical), water, unfiltered, recoverable, µg/L (39350) |
|------------|-------------------|---|--|---|---|---|---|--|---|---|
| 10-12-2010 | 1000 | <0.012 | <0.011 | <0.042 | <0.120 | <0.014 | <0.2 | E0.023 | <0.1 | <0.1 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636) | Chlorpyrifos, water, filtered, recoverable, µg/L (38933) | cis-1,3-Dichloro-propene, water, unfiltered, recoverable, µg/L (34704) | cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687) | Cyfluthrin, water, filtered, recoverable, µg/L (61585) | Cypermethrin, water, filtered, recoverable, µg/L (61586) | DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682) | Desulfinyl-fipronil amide, water, filtered, recoverable, µg/L (62169) | Desulfinyl-fipronil, water, filtered, recoverable, µg/L (62170) |
|------------|-------------------|--|--|--|--|--|--|--|---|---|
| 10-12-2010 | 1000 | <0.06 | <0.0036 | <0.10 | <0.010 | <0.016 | <0.020 | <0.0076 | <0.029 | <0.012 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 10 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Diazinon, water, filtered, recoverable, µg/L (39572) | Dichlorvos, water, filtered, recoverable, µg/L (38775) | Dicrotophos, water, filtered, recoverable, µg/L (38454) | Dieldrin, water, filtered, recoverable, µg/L (39381) | Dieldrin, water, unfiltered, recoverable, µg/L (39380) | Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662) | Endrin, water, unfiltered, recoverable, µg/L (39390) | Ethion monoxon, water, filtered, recoverable, µg/L (61644) | Ethion, water, filtered, recoverable, µg/L (82346) |
|------------|-------------------|--|--|---|--|--|--|--|--|--|
| 10-12-2010 | 1000 | <0.0060 | E0.01 | <0.08 | <0.008 | <0.008 | <0.0060 | <0.012 | <0.021 | <0.008 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 11 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Fenamiphos sulfone, water, filtered, recoverable, µg/L (61645) | Fenamiphos sulfoxide, water, filtered, recoverable, µg/L (61646) | Fenamiphos, water, filtered, recoverable, µg/L (61591) | Fipronil sulfide, water, filtered, recoverable, µg/L (62167) | Fipronil sulfone, water, filtered, recoverable, µg/L (62168) | Fipronil, water, filtered, recoverable, µg/L (62166) | Fonofos, water, filtered, recoverable, µg/L (04095) | Heptachlor epoxide, water, unfiltered, recoverable, µg/L (39420) | Heptachlor, water, unfiltered, recoverable, µg/L (39410) |
|------------|-------------------|--|--|--|--|--|--|---|--|--|
| 10-12-2010 | 1000 | <0.054 | <0.08 | <0.030 | <0.012 | <0.024 | <0.018 | <0.0048 | <0.009 | <0.008 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Hexachlorobenzene, water, unfiltered, recoverable, µg/L (39700) | Hexazinone, water, filtered, recoverable, µg/L (04025) | Iodomethane, water, unfiltered, recoverable, µg/L (77424) | Iprodione, water, filtered, recoverable, µg/L (61593) | Isofenphos, water, filtered, recoverable, µg/L (61594) | Lindane, water, unfiltered, recoverable, µg/L (39340) | Malaoxon, water, filtered, recoverable, µg/L (61652) | Malathion, water, filtered, recoverable, µg/L (39532) | Metalaxyl, water, filtered, recoverable, µg/L (61596) |
|------------|-------------------|---|--|---|---|--|---|--|---|---|
| 10-12-2010 | 1000 | <0.30 | <0.008 | <0.26 | <0.014 | <0.006 | <0.014 | <0.022 | <0.016 | <0.014 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 29

[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Methidathion, water, filtered, recoverable, | Methyl parathion, water, filtered, recoverable, | Methyl parathion, water, filtered, recoverable, | Metolachlor, water, filtered, recoverable, | Metribuzin, water, filtered, recoverable, | Mirex, water, unfiltered, recoverable, | Myclobutanol, water, filtered, recoverable, | p,p'-DDD, water, unfiltered, recoverable, | p,p'-DDE, water, unfiltered, recoverable, |
|------------|-------------------|---|---|--|--|---|--|---|---|---|
| | | (61598) µg/L | (61664) µg/L | (0.7 micron glass fiber filter), recoverable, (82667) µg/L | (39415) µg/L | (82630) µg/L | (39755) µg/L | (61599) µg/L | (39360) µg/L | (39365) µg/L |
| 10-12-2010 | 1000 | <0.012 | <0.014 | <0.008 | <0.020 | <0.012 | <0.0060 | <0.010 | <0.016 | <0.014 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | p,p'-DDT, water, unfiltered, recoverable, | p,p'-Methoxychlor, water, unfiltered, recoverable, | Pendimethalin, water, filtered, recoverable, | Pentachlorophenol, water, unfiltered, recoverable, | Phorate oxygen analog, water, filtered, recoverable, | Phorate, water, filtered, recoverable, | Phosmet oxygen analog, water, filtered, recoverable, | Phosmet, water, filtered, recoverable, | Prometon, water, filtered, recoverable, |
|------------|-------------------|---|--|--|--|--|--|--|--|---|
| | | (39370) µg/L | (39480) µg/L | (0.7 micron glass fiber filter), recoverable, (82683) µg/L | (39032) µg/L | (61666) µg/L | (82664) µg/L | (61668) µg/L | (61601) µg/L | (04037) µg/L |
| 10-12-2010 | 1000 | <0.010 | <0.002 | <0.027 | E0.1 | <0.027 | <0.020 | <0.0511 | <0.140 | <0.012 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 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) | Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670) | Terbufos analog 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) |
|------------|-------------------|---|--|--|--|---|--|---|--|--|
| 10-12-2010 | 1000 | <0.006 | <0.0036 | <0.015 | <0.028 | <0.045 | <0.018 | <0.006 | <1 | <0.14 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Tribuphos, water, filtered, recoverable, µg/L (61610) | Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661) | PCBs, water, unfiltered, recoverable, µg/L (39516) | 1,1,1,2-Tetra-chloro-ethane, water, unfiltered, recoverable, µg/L (77562) | 1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, µg/L (34506) | 1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, µg/L (34516) | 1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, µg/L (77652) | 1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, µg/L (34511) | 1,1-Di-chloro-ethane, water, unfiltered, recoverable, µg/L (34496) |
|------------|-------------------|---|---|--|---|---|---|---|---|--|
| 10-12-2010 | 1000 | <0.018 | <0.018 | <0.1 | <0.040 | <0.030 | <0.14 | <0.034 | <0.028 | <0.044 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 1,1-Di-chloro-ethene, water, unfiltered, recoverable, µg/L (34501) | 1,1-Di-chloro-propene, water, unfiltered, recoverable, µg/L (77168) | 1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (49999) | 1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, µg/L (50000) | 1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (77613) | 1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77221) | 1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, µg/L (34551) | 1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77222) | 1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34536) |
|------------|-------------------|--|---|--|--|--|--|--|--|--|
| 10-12-2010 | 1000 | <0.022 | <0.040 | <0.10 | <0.080 | <0.06 | <0.060 | <0.08 | <0.032 | <0.028 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, µg/L (82626) | 1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, µg/L (77226) | 1,3-Dichloro-benzene, water, unfiltered, recoverable, µg/L (34566) | 2,2-Di-chloro-propane, water, unfiltered, recoverable, µg/L (77170) | 2,4-Dinitro-phenol, water, unfiltered, recoverable, µg/L (34616) | 2,4-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34611) | 2,6-Dinitro-toluene, water, unfiltered, recoverable, µg/L (34626) | 2-Chloro-naph-thalene, water, unfiltered, recoverable, µg/L (34581) | 2-Chloro-phenol, water, unfiltered, recoverable, µg/L (34586) |
|------------|-------------------|--|--|--|---|--|---|---|---|---|
| 10-12-2010 | 1000 | <0.30 | <0.032 | <0.024 | <0.06 | M | <0.56 | <0.4 | <0.16 | <0.26 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 2-Chloro-toluene, water, unfiltered, recoverable, µg/L (77275) | 2-Ethyl-toluene, water, unfiltered, recoverable, µg/L (77220) | 2-Nitro-phenol, water, unfiltered, recoverable, µg/L (34591) | 3,3'-Dichloro-benzidine, water, unfiltered, recoverable, µg/L (34631) | 4-Bromo-phenyl phenyl ether, water, unfiltered, recoverable, µg/L (34636) | 4-Chloro-phenyl ether, water, unfiltered, recoverable, µg/L (34641) | 4-Chloro-toluene, water, unfiltered, recoverable, µg/L (77277) | 4-Iso-propyl-toluene, water, unfiltered, recoverable, µg/L (77356) | 9H-Fluorene, water, unfiltered, recoverable, µg/L (34381) |
|------------|-------------------|--|---|--|---|---|---|--|--|---|
| 10-12-2010 | 1000 | <0.028 | <0.032 | <0.4 | <0.42 | <0.24 | <0.34 | <0.042 | <0.06 | 0.03 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Acenaphthene, water, unfiltered, recoverable, µg/L (34205) | Acenaphthylene, water, unfiltered, recoverable, µg/L (34200) | Acetone, water, unfiltered, recoverable, µg/L (81552) | 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) |
|------------|-------------------|--|--|---|--|---|---|---|---|---|
| 10-12-2010 | 1000 | <0.28 | <0.30 | 5.7 | <0.38 | <0.026 | <0.26 | 0.05 | 0.06 | 0.04 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | 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) | 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) | Bromo-benzene, water, unfiltered, recoverable, µg/L (81555) | Bromo-chloro-methane, water, unfiltered, recoverable, µg/L (77297) | Bromo-dichloro-methane, water, unfiltered, recoverable, µg/L (32101) |
|------------|-------------------|---|--|---|--|--|---|---|--|--|
| 10-12-2010 | 1000 | 0.03 | <1.8 | <0.24 | <0.30 | <0.14 | <2.6 | <0.022 | <0.06 | <0.034 |

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WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Bromoethene, water, unfiltered, recoverable, µg/L (50002) | Chlorobenzene, water, unfiltered, recoverable, µg/L (34301) | Chloroethane, water, unfiltered, recoverable, µg/L (34311) | Chloromethane, water, unfiltered, recoverable, µg/L (34418) | Chrysene, water, unfiltered, recoverable, µg/L (34320) | cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (77093) | Dibenzo[a,h]-anthracene, water, unfiltered, recoverable, µg/L (34556) | Dibromo-chloro-methane, water, unfiltered, recoverable, µg/L (32105) | Dibromo-methane, water, unfiltered, recoverable, µg/L (30217) |
|------------|-------------------|---|---|--|---|--|--|---|--|---|
| 10-12-2010 | 1000 | <0.12 | <0.026 | <0.06 | <0.1 | <0.32 | <0.022 | <0.42 | <0.12 | <0.050 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Dichloro-difluoromethane, water, unfiltered, recoverable, µg/L (34668) | Dichloromethane, water, unfiltered, recoverable, µg/L (34423) | Diethyl ether, water, unfiltered, recoverable, µg/L (81576) | Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336) | Diisopropyl ether, water, unfiltered, recoverable, µg/L (81577) | Dimethyl phthalate, water, unfiltered, recoverable, µg/L (34341) | Di-n-butyl phthalate, water, unfiltered, recoverable, µg/L (39110) | Di-n-octyl phthalate, water, unfiltered, recoverable, µg/L (34596) | Ethyl methacrylate, water, unfiltered, recoverable, µg/L (73570) |
|------------|-------------------|--|---|---|---|---|--|--|--|--|
| 10-12-2010 | 1000 | <0.10 | <0.04 | <0.1 | 0.21 | <0.06 | 0.05 | 0.25 | <0.6 | <0.20 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Ethyl methyl ketone, water, unfiltered, recoverable, µg/L (81595) | Ethylbenzene, water, unfiltered, recoverable, µg/L (34371) | Fluoranthene, water, unfiltered, recoverable, µg/L (34376) | Hexachlorobutadiene, water, unfiltered, recoverable, µg/L (39702) | Hexachlorocyclopentadiene, water, unfiltered, recoverable, µg/L (34386) | Hexachloroethane, water, unfiltered, recoverable, µg/L (34396) | Indeno[1,2,3-cd]pyrene, water, unfiltered, recoverable, µg/L (34403) | Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L (78133) | Iso-phorone, water, unfiltered, recoverable, µg/L (34408) |
|------------|-------------------|---|--|--|---|---|--|--|--|---|
| 10-12-2010 | 1000 | 0.4 | <0.036 | 0.17 | <0.08 | <0.50 | <0.22 | E0.03 | E0.19 | <0.26 |

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[% , percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223) | Methyl acetate, water, unfiltered, recoverable, µg/L (77032) | Methyl acrylate, water, unfiltered, recoverable, µg/L (49991) | Methyl acrylonitrile, water, unfiltered, recoverable, µg/L (81593) | Methyl methacrylate, water, unfiltered, recoverable, µg/L (81597) | Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L (78032) | Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L (50005) | Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260) | m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L (85795) |
|------------|-------------------|--|--|---|--|---|---|--|--|--|
| 10-12-2010 | 1000 | <0.042 | <0.46 | <0.8 | <0.26 | <0.22 | <0.10 | <0.06 | <0.192 | <0.08 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[% , percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Naphthalene, water, unfiltered, recoverable, µg/L (34696) | n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103) | n-Butylbenzene, water, unfiltered, recoverable, µg/L (77342) | Nitrobenzene, water, unfiltered, recoverable, µg/L (34447) | N-Nitrosodimethylamine, water, unfiltered, recoverable, µg/L (34438) | N-Nitrosodipropylamine, water, unfiltered, recoverable, µg/L (34428) | N-Nitrosodiphenylamine, water, unfiltered, recoverable, µg/L (34433) | n-Propylbenzene, water, unfiltered, recoverable, µg/L (77224) | o-Xylene, water, unfiltered, recoverable, µg/L (77135) |
|------------|-------------------|---|---|--|--|--|--|--|---|--|
| 10-12-2010 | 1000 | <0.18 | <0.4 | <0.08 | <0.26 | <0.24 | <0.4 | <0.28 | <0.036 | <0.032 |

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[% , percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Phenanthrene, water, unfiltered, recoverable, µg/L (34461) | Phenol, water, unfiltered, recoverable, µg/L (34694) | Pyrene, water, unfiltered, recoverable, µg/L (34469) | sec-Butylbenzene, water, unfiltered, recoverable, µg/L (77350) | Styrene, water, unfiltered, recoverable, µg/L (77128) | tert-Amyl alcohol, water, unfiltered, recoverable, µg/L (77073) | tert-Butyl alcohol, water, unfiltered, recoverable, µg/L (77035) | tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004) | tert-Butylbenzene, water, unfiltered, recoverable, µg/L (77353) |
|------------|-------------------|--|--|--|--|---|---|--|--|---|
| 10-12-2010 | 1000 | 0.07 | <0.28 | 0.14 | <0.034 | <0.042 | <0.6 | <0.80 | <0.032 | <0.060 |

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[% , percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475) | Tetrachloromethane, water, unfiltered, recoverable, µg/L (32102) | Tetrahydrofuran, water, unfiltered, recoverable, µg/L (81607) | Toluene, water, unfiltered, recoverable, µg/L (34010) | trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546) | trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547) | Tribromomethane, water, unfiltered, recoverable, µg/L (32104) | Trichloroethene, water, unfiltered, recoverable, µg/L (39180) | Trichlorofluoromethane, water, unfiltered, recoverable, µg/L (34488) |
|------------|-------------------|---|--|---|---|--|---|---|---|--|
| 10-12-2010 | 1000 | <0.026 | <0.06 | <1.4 | 0.09 | <0.018 | <0.4 | <0.10 | <0.022 | <0.06 |

01376547 CLOVE LAKE AT SUNNYSIDE, STATEN ISLAND, NY—Continued**WATER-QUALITY DATA
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[%, percent; 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; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated; M, presence verified but not quantified]

| Date | Sample start time | Trichloro- methane, water, unfiltered, recover- able, µg/L (32106) | Vinyl chloride, water, unfiltered, recover- able, µg/L (39175) | Oil and grease, severity (01300) |
|-------------------|------------------------------|---|---|---|
| 10-12-2010 | 1000 | 0.50 | <0.06 | None |