01304629 TROUT POND AT NOYACK, NY

Long Island Basin
Southern Long Island Subbasin

LOCATION.--Lat 40°59′34″, long 72°21′00″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, on left wall of outlet structure in Town of Southampton Trout Pond Park, in Noyack.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 2001 to January 2007 (discontinued).

GAGE.--Nonrecording gage read once monthly. Datum of gage is NGVD of 1929.

REMARKS.--Records excellent.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 18.82 ft, Feb. 7, 2006; minimum observed, 17.35 ft, May 30, 2006.

EXTREMES FOR CURRENT PERIOD.—October 2006 to January 2007: Maximum elevation observed, 18.00 ft, Dec. 6; minimum observed, 17.82 ft, Oct. 5.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Oct 5	17.82	Jan 4	17.88
Dec 6	18.00		

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 3

[Remark codes: <, less than; E, estimated. Value qualifier codes: n, below the LRL and above the LT-MDL.]

Date	Time	DepthTo bottom at sample location, feet (81903)	Sampling depth, feet (00003)	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
Sep 06...	1000	10.5	9.00	2.0	7.4	77	6.1	89	19.3	17.8	3.61	2.06	.57

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 3

[Remark codes: <, less than; E, estimated. Value qualifier codes: n, below the LRL and above the LT-MDL.]

Date	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L as P (00665)	Iron, water, fltrd, µg/L (01046)
Sep 06...	7.62	10.8	<.10	10.6	7.54	66	.056	.13	.002	.27	E.005n	E.007n	150

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 3

[Remark codes: <, less than; E, estimated. Value qualifier codes: n, below the LRL and above the LT-MDL.]

Date	Manganese, water, fltrd, µg/L (01056)
Sep 06...	22.7

01304629 TROUT POND AT NOYACK, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Time	Sampling depth, feet (00003)	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, water, deg C (00010)
Sep								
06...	0935	1.00	.0	9.4	100	6.8	89	19.9
06...	0936	2.00	.0	9.3	102	6.6	89	19.9
06...	0937	3.00	.0	9.3	102	6.5	89	19.9
06...	0938	4.00	.0	9.1	100	6.5	89	19.8
06...	0939	5.00	.1	8.5	92	6.3	88	18.8
06...	0940	6.00	.2	8.4	90	6.3	88	18.6
06...	0941	7.00	.6	7.9	84	6.2	88	18.5
06...	0942	8.00	1.8	7.6	80	6.2	88	18.2
06...	0943	9.00	2.0	7.4	77	6.1	89	17.8
06...	0944	10.0	100	7.3	77	6.1	88	17.6
06...	1000	9.00	2.0	7.4	77	6.1	89	17.8