01304595 BIG FRESH POND NEAR NORTH SEA, NY

Long Island Basin
Southern Long Island Subbasin

LOCATION.--Lat 40°55′19″, long 72°25′18″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, on northern shore at Town of Southampton boat launch in Emma Rose Elliston Park, near North Sea.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 2001 to current year.

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

REMARKS.--Records excellent.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 4.86 ft, Dec. 18, 2003; minimum observed, 4.01 ft, July 17, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 4.76 ft, Feb. 7; minimum observed, 4.34 ft, July 31.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Date	Water level	Date	Water level
Nov 2	4.61	May 5	4.35
Dec 6	4.62	30	4.39
23	4.58	Jul 6	4.62
Feb 7	4.76	31	4.34
Mar 7	4.59	Sep 7	4.47
Apr 10	4.41		

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 2

[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)	Transparency water in situ secchi disc feet (49701)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf uS/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)	Sodium, water, fltrd, mg/L (00930)
Jul													
13...	1011	22.5	3.40	3.4	8.5	6.7	129	27.0	25.3	3.93	2.13	1.03	15.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

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

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (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)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
Jul											
13...	24.1	<.10	2.33	9.12	76	E.007n	<.06	<.002	<.006	6	1.1

01304595 BIG FRESH POND NEAR NORTH SEA, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
[Remark codes: <, less than.]

Date	Time	Sampling depth, feet (00003)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
Jul						
13...	0950	.50	8.8	6.3	129	25.7
13...	0954	1.00	8.7	6.6	130	25.6
13...	0955	2.00	8.5	6.7	129	25.4
13...	0956	3.00	8.5	6.7	129	25.4
13...	0957	4.00	8.4	6.7	130	25.3
13...	0958	5.00	8.4	6.8	129	25.3
13...	0959	6.00	8.4	6.8	130	25.3
13...	1000	7.00	8.3	6.8	129	25.3
13...	1001	8.00	8.3	6.8	129	25.3
13...	1002	9.00	4.8	6.6	130	24.4
13...	1003	10.0	1.0	6.3	132	22.6
13...	1004	11.0	<1.0	6.2	135	19.6
13...	1005	12.0	<1.0	6.2	137	17.9
13...	1006	13.0	<1.0	6.2	140	17.4
13...	1007	14.0	<1.0	6.2	147	15.9
13...	1008	15.0	<1.0	6.3	151	14.9
13...	1009	16.0	<1.0	6.4	154	14.2
13...	1010	17.0	<1.0	6.4	163	13.7