

**404145073162101 Gardiners Park Wetland at West Bay Shore, NY**

Long Island Basin  
Southern Long Island Subbasin

LOCATION.--Lat 40°41'45.1", long 73°16'21.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 1 of 4

[NTU, nephelometric turbidity unit; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/kg, micrograms per kilogram; SB, Bottom material; <, less than]

Date	Sample start time	Medium code	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Dissolved oxygen, water, unfiltered, mid-depth of water column, milligrams per liter (99985)	Dissolved oxygen, water, unfiltered, mid-depth of water column, percent of saturation (72210)	pH, water, mid-depth of water column, standard units (99983)	Salinity, water, unfiltered, parts per thousand (00480)	Specific conductance, water, mid-depth, µS/cm at 25°C (99982)	Temperature, water, mid-depth, °C (99984)
08-12-2010	0530	SB	758	22.2	2.1	28.2	6.4	27	42,400	22.9

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 2 of 4

[NTU, nephelometric turbidity unit; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/kg, micrograms per kilogram; SB, Bottom material; <, less than]

Date	Sample start time	Turbidity, water, unfiltered, mid-depth of water column, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (72208)	Allethrin, bed sediment, recoverable, dry weight, µg/kg (66588)	Bifenthrin, bed sediment, recoverable, dry weight, µg/kg (64151)	Cyfluthrin, bed sediment, recoverable, dry weight, µg/kg (65109)	Cypermethrin, bed sediment, recoverable, dry weight, µg/kg (64156)	Deltamethrin, bed sediment, recoverable, dry weight, µg/kg (65110)	Esfenvalerate, bed sediment, recoverable, dry weight, µg/kg (64159)	Fenprothrin, bed sediment, recoverable, dry weight, µg/kg (65111)	lambda-Cyhalothrin, bed sediment, recoverable, dry weight, µg/kg (64162)
08-12-2010	0530	20.8	< .20	< .20	< .50	< .40	< .20	< .20	< .20	< .20

## 404145073162101 Gardiners Park Wetland at West Bay Shore, NY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 3 of 4

[NTU, nephelometric turbidity unit; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/kg, micrograms per kilogram; SB, Bottom material; <, less than]

Date	Sample start time	Methoprene, bed sediment, recoverable, dry weight, µg/kg (66625)	p,p'-DDD, bed sediment, recoverable, dry weight, µg/kg (39311)	p,p'-DDE, bed sediment, recoverable, dry weight, µg/kg (39321)	p,p'-DDT, bed sediment, recoverable, dry weight, µg/kg (39301)	Permethrin, bed sediment, recoverable, dry weight, µg/kg (64168)	Phenothrin, bed sediment, recoverable, dry weight, µg/kg (65112)	Piperonyl butoxide, bed sediment, recoverable, dry weight, µg/kg (64170)	Resmethrin, bed sediment, recoverable, dry weight, µg/kg (65113)	tau-Fluvalinate, bed sediment, recoverable, dry weight, µg/kg (65114)
08-12-2010	0530	< 2.40	30.6	31.5	< 1.30	< .20	< .30	< 1.30	42.0	< .20

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Part 4 of 4

[NTU, nephelometric turbidity unit; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/kg, micrograms per kilogram; SB, Bottom material; <, less than]

Date	Sample start time	Tefluthrin, bed sediment, recoverable, dry weight, µg/kg (67733)	Tetramethrin, bed sediment, recoverable, dry weight, µg/kg (66659)	Organic carbon, bed sediment, dry weight, percent (30243)
08-12-2010	0530	< .20	< .20	20