

## Water-Data Report 2010

**01409999 HARRISVILLE POND AT HARRISVILLE, NJ**

## MULLICA RIVER BASIN

LOCATION.--Lat 39°39'50", long 74°31'24" referenced to North American Datum of 1983, Bass River Township, Burlington County, NJ, Hydrologic Unit 02040301, 90 ft upstream of dam on Oswego River at Harrisville in Wharton State Forest, 0.4 mi upstream from confluence with West Branch Wading River, and 1.5 mi southwest of Martha.

DRAINAGE AREA.--72.5 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 2009-10.

REMARKS.--Cooperative Network Site Descriptor: Development of Mercury-Bioaccumulation Factors special study site.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection.

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

Part 1 of 3

[%, percent; NTRU, nephelometric turbidity ratio unit; cm, centimeter; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Tempera-ture, air, °C (00020)	Absorbance, UV, organic constituents, cm path length, water, filtered, units per centimeter (50624)		Absorbance, UV, 254 nm, 1 cm path length, water, filtered, units per centimeter (61726)		Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)
10-21-2009	0930	QC sample - Artificial	Field Blank	--	--	<.001	<.001	--	--	--	--
10-21-2009	1000	Surface water	Regular	768	14.0	.095	.071	--	--	--	--
10-21-2009	1001	Surface water	Regular	768	--	--	--	9.1	81		
10-21-2009	1002	Surface water	Regular	768	--	--	--	9.4	84		
10-21-2009	1003	Surface water	Regular	768	--	--	--	9.4	85		
04-08-2010	0915	QC sample - Artificial	Field Blank	--	--	.002	.002	--	--	--	--
04-08-2010	0945	Surface water	Regular	757	33.0	.504	.385	--	--	--	--
04-08-2010	0946	Surface water	Regular	757	--	--	--	6.7	70		
04-08-2010	0947	Surface water	Regular	757	--	--	--	7.7	81		
04-08-2010	0948	Surface water	Regular	757	--	--	--	7.7	83		

**0140999 HARRISVILLE POND AT HARRISVILLE, NJ—Continued**

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

Part 2 of 3

[%, percent; NTRU, nephelometric turbidity ratio unit; cm, centimeter; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Turbidity, water, unfiltered, broad band light source					Depth of sensor below water surface, feet	Mercury, water, unfiltered, nanograms per liter	Methyl- mercury, water, filtered, recoverable, nanograms per liter
	pH, water, unfiltered, field, standard (00400)	Specific conduc- tance, water, unfiltered, µS/cm at 25 °C (00095)	Tempera- ture, water, °C (00010)	degrees, ratiometric correction, NTRU (63676)	Sampling depth, ft (00003)			
10-21-2009	--	--	--	--	--	--	<.18	<.04
10-21-2009	4.4	46	--	1.5	1.00	--	5.28	2.40
10-21-2009	--	--	10.5	--	--	7.00	--	--
10-21-2009	--	--	10.7	--	--	4.00	--	--
10-21-2009	--	--	10.8	--	--	1.00	--	--
04-08-2010	--	--	--	--	--	--	<.18	<.04
04-08-2010	4.2	45	--	3.3	1.00	--	5.05	6.43
04-08-2010	--	--	17.6	--	--	5.00	--	--
04-08-2010	--	--	17.9	--	--	2.50	--	--
04-08-2010	--	--	18.4	--	--	1.00	--	--

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

Part 3 of 3

[%, percent; NTRU,  
nephelometric turbidity ratio  
unit; cm, centimeter; ft, feet;  
mg/L, milligrams per liter; mm  
Hg, millimeters of mercury; nm,  
nanometers; °C, degrees  
Celsius; µS/cm, microsiemens  
per centimeter; <, less than]

Date	Organic carbon, water, filtered, mg/L (00681)
10-21-2009	.3
10-21-2009	3.2
10-21-2009	--
10-21-2009	--
10-21-2009	--
04-08-2010	.7
04-08-2010	10.1
04-08-2010	--
04-08-2010	--
04-08-2010	--