

Water-Data Report 2009

01409999 HARRISVILLE POND AT HARRISVILLE, NJ

NEW JERSEY COASTAL 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 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July to August 2009.

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 2008 TO SEPTEMBER 2009**
Part 1 of 2
[Remark codes: <, less than.]

Date	Time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, deg C (00020)	UV absorbance, 254 nm, wat flt units (50624)	Disolved oxygen, mg/L (00300)	Disolved oxygen, percent saturation (00301)
Jul								
09...	0915	<i>QC sample - Artificial</i>	Field Blank	--	--	<.001	--	--
09...	0930	Surface water	Regular	767	23.5	.153	--	--
09...	0931	Surface water	Regular	767	--	--	4.7	52
09...	0932	Surface water	Regular	767	--	--	5.3	60
09...	0933	Surface water	Regular	767	--	--	6.7	75
Aug								
21...	0900	<i>QC sample - Artificial</i>	Field Blank	--	--	--	--	--
21...	0930	Surface water	Regular	760	32.0	.118	--	--
21...	0931	Surface water	Regular	760	--	--	4.1	55
21...	0932	Surface water	Regular	760	--	--	5.3	65
21...	0933	Surface water	Regular	760	--	--	5.7	70

01409999 HARRISVILLE POND AT HARRISVILLE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 2

[Remark codes: <, less than.]

Date	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm @ 25 degC (00095)	Turbdty white light, Temper- ature, water, corrctd deg C (00010)	Depth of sensor det ang 90+/-30 water surface feet (63676)	Sulfate water, water, surface feet (72147)	Methyl- mercury water, unfltrd mg/L (00945)	Organic carbon, water, filtrd, ng/L (50286)	Methyl- mercury water, filtrd, ng/L (50285)	Organic carbon, water, filtrd, mg/L (00681)
Jul									
09...	--	--	--	--	<.18	.08	<.04	.3	
09...	4.5	37	--	3.5	--	5.05	3.47	.20	3.9
09...	--	--	21.9	--	6.90	--	--	--	--
09...	--	--	22.3	--	3.70	--	--	--	--
09...	--	--	22.8	--	.50	--	--	--	--
Aug									
21...	--	--	--	--	<.2	.04	<.04	.3	
21...	4.4	36	--	3.5	--	5.3	3.89	.22	4.1
21...	--	--	24.8	--	6.00	--	--	--	--
21...	--	--	25.5	--	3.50	--	--	--	--
21...	--	--	26.2	--	.50	--	--	--	--