

Water-Data Report 2006

01388600 POMPTON RIVER AT PACKANACK LAKE, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°56'36", long 74°16'46" referenced to North American Datum of 1983, Morris County, NJ, Hydrologic Unit 02030103.

 DRAINAGE AREA.--361.00 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1979-97, 2005 to current year.

REMARKS.--

COOPERATIVE NETWORK SITE DESCRIPTOR: Trace Element Assessment (303d) special study site.

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

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 3

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, unfltrd field, std units (00400)	Specif. conduc- tance, uS/cm (00095)	Temper- ature, wat unf air, deg C (25 degC (00095))	Temper- ature, water, deg C (00020) (00010)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L CaCO ₃ (00900)	Calci- um water, mg/L (00915)
May													
17...	0950	Trip Blank	--	--	--	--	--	--	--	--	--	--	
17...	0955	Field Blank	--	--	--	--	--	--	--	--	--	<.02	
17...	1000	Environmental	4.0	750	9.8	97	7.5	226	19.5	14.6	51	13.9	

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 3

[Remark codes: <, less than; E, estimated.]

Date	Magnes- ium, water, fltrd, mg/L (00925)	Arsenic water, fltrd, ug/L (01000)	Arsenic water, unfltrd ug/L (01002)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Chrom- ium, water, unfltrd ug/L (01030)	Chrom- ium, recover able, ug/L (01034)	Copper, water, unfltrd ug/L (01040)	Copper, water, recover able, ug/L (01042)	Lead, water, unfltrd ug/L (01049)	Lead, water, recover able, ug/L (01051)	Mercury water, fltrd, ug/L (71890)	Mercury water, unfltrd ug/L (71900)
May													
17...	--	--	<.12	--	<.04	--	.08	--	E.4	--	<.06	--	<.010
17...	<.008	<.12	--	<.04	--	E.03	--	<.4	--	<.08	--	<.010	--
17...	4.00	.28	.45	<.04	<.04	.13	.33	4.9	3.6	.23	1.20	<.010	.012

01388600 POMPTON RIVER AT PACKANACK LAKE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 3

[Remark codes: <, less than; E, estimated.]

Date	Nickel, water, recover filtrd, ug/L (01065)	Selen- ium, water, -able, ug/L (01067)	Selen- ium, water, filtrd, ug/L (01145)	Zinc, water, unfiltrd water, ug/L (01147)	Zinc, water, recover filtrd, ug/L (01090)	Zinc, water, -able, ug/L (01092)
May						
17...	--	<.16	--	<.08	--	<2
17...	<.06	--	<.08	--	<.6	--
17...	0.69	.55	E.07	E.07	5.2	4