

Water-Data Report 2007

01389895 PASSAIC RIVER AT OUTWATER LANE, AT GARFIELD, NJ

PASSAIC BASIN

LOCATION.--Lat 40°52'47", long 74°07'13" referenced to North American Datum of 1983, Clifton City, Bergen County, NJ, Hydrologic Unit 02030103, at bridge on Outwater Lane, 0.75 mi south of the Garden State Parkway, 1.0 mi north of mouth of Saddle river, and 0.1 mi west of Garfield.

DRAINAGE AREA.--806 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2004, 2007.

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 NJ Department of Environmental Protection.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 3

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

Date	Time	Sample type	Turbidity white light, det ang 90+/30 corrcrd NTRU (63676)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm (00095)	Temper- ature, air, deg C (25 degC)	Temper- ature, water, deg C (00020)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO ₃ (00900)	Calci- um water, mg/L (00915)
Dec													
12...	0900	Trip Blank	--	--	--	--	--	--	--	--	--	--	
12...	0945	Field Blank	--	--	--	--	--	--	--	--	--	E.01	
12...	1000	Environmental	3.8	766	12.5	97	8.4	430	11.8	4.9	110	30.7	

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 3

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

Date	Magnes- ium, water, fltrd, mg/L (00925)	Arsenic water, fltrd, μg/L (01000)	Arsenic water, unfltrd μg/L (01002)	Beryll- ium, water, fltrd, μg/L (01010)	Beryll- ium, unfltrd recover- able, μg/L (01012)	Cadmium water, fltrd, μg/L (01025)	Cadmium water, unfltrd μg/L (01027)	Chrom- ium, water, fltrd, μg/L (01030)	Chrom- ium, unfltrd recover- able, μg/L (01034)	Copper, water, fltrd, μg/L (01040)	Copper, unfltrd recover- able, μg/L (01042)	Lead, water, fltrd, μg/L (01049)	Lead, unfltrd recover- able, μg/L (01051)
Dec													
12...	--	--	<.20	--	<.06	--	<.02	--	<.60	--	<1.2	--	<.06
12...	<.014	<.12	--	<.06	--	<.04	--	<.12	--	<.40	--	<.12	--
12...	9.27	.37	.54	<.06	<.06	E.03	.04	.24	.90	1.7	3.1	E.11	1.95

01389895 Passaic River at Outwater Lane, at Garfield, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 3

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

Date	Mercury		Nickel,		Selen-		Selen-		Zinc,	
	water, unfltrd water, recover fltrd, -able,	Nickel, water, water, fltrd, -able,	water, unfltrd recover fltrd, -able,	ium, water, unfltrd water, .15	ium, water, unfltrd water, .16	Zinc, water, water, fltrd, -able,	water, unfltrd recover -able, --	Zinc, water, water, fltrd, -able, --		
	µg/L (71890)	µg/L (71900)	µg/L (01065)	µg/L (01067)	µg/L (01145)	µg/L (01147)	µg/L (01090)	µg/L (01092)		
Dec										
12...	--	<.010	--	<.16	--	<.08	--	<2		
12...	<.010	--	<.06	--	<.08	--	<.60	--		
12...	<.010	.013	.98	1.47	.15	.16	5.6	10		