

Water-Data Report 2007

01467120 COOPER RIVER AT NORCROSS ROAD, AT LINDENWOLD, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 39°49'43", long 74°58'54" referenced to North American Datum of 1983, Camden County, NJ, Hydrologic Unit 02040202, at bridge on Norcross Road, 50 ft downstream from outflow of Linden Lake, 1.1 mi southwest of Gibbstown, and 1.7 mi south of Glendale.

DRAINAGE AREA.--1.13 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976-91, 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	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	pH, water, percent of sat- uration (00301)	Dis- solved oxygen, field, std units (00400)	Specif- ic conduc- tance, unfiltrd field, std units (00095)	Temper- ature, wat unf μS/cm 25 deg C (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO ₃ (00900)	Magnes- ium, water, mg/L (00915)	Arsenic water, filtrd, mg/L (01000)
Dec 19...	1000	3.9	770	10.7	88	7.6	151	10.3	7.4	25	7.64	1.55	.17
Sep 25...	1100	1.6	768	7.0	82	6.8	172	21.3	22.4	--	--	--	--

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

Part 2 of 3

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

Date	Arsenic water, unfiltrd μg/L (01002)	Beryll- ium, water, unfiltrd μg/L (01010)	Beryll- ium, water, recover able, μg/L (01012)	Cadmium water, filtrd, μg/L (01025)	Cadmium water, unfiltrd μg/L (01027)	Chrom- ium, water, filtrd, μg/L (01030)	Chrom- ium, water, unfiltrd μg/L (01034)	Copper, water, recover able, μg/L (01040)	Copper, water, unfiltrd μg/L (01042)	Lead, water, recover able, μg/L (01049)	Lead, water, unfiltrd μg/L (01051)	Mercury water, unfiltrd μg/L (71890)	Mercury water, recover able, μg/L (71900)
Dec 19...	.41	<.06	<.06	.08	.07	.26	E.42	.60	E1.0	.15	.67	<.010	E.009
Sep 25...	--	--	--	--	--	--	--	--	--	--	--	--	--

01467120 Cooper River at Norcross Road, at Lindenwold, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 3

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

Date	Nickel, water,		Selen- ium,	Selen- ium,	Zinc, water,	Zinc, water,
	Nickel, water,	unfltrd recover	water,	water,	Zinc, water,	unfltrd recover
	μg/L (01065)	μg/L (01067)	μg/L (01145)	μg/L (01147)	μg/L (01090)	μg/L (01092)
Dec 19...	.90	.98	.08	.11	14.5	16
Sep 25...	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 3

[Remark codes: <, less than.]

Date	1,1,1- Tri- chloro- ethane,	CFC-113	1,1-Di- chloro- ethane,	1,1-Di- chloro- ethene,	1,2-Di- chloro- benzene	1,2-Di- chloro- ethane,	1,2-Di- chloro- propane	1,3-Di- chloro- benzene	1,4-Di- chloro- benzene	Bromo- di- chloro-	cis- Chloro- ethene,	
	water,	water,	water,	water,	water,	water,	water,	water,	water,	methane	benzene	
	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	
Dec 19...	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1	<.1	<.1
Sep 25...	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1	<.1	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 3

[Remark codes: <, less than.]

Date	Di- bromo- chloro- methane	Di- chloro- fluoro- methane	Di- chloro- methane	Di- ethyl ether,	Diiso- propyl ether,	Ethyl- benzene	Methyl tert- pentyl	meta- + para- Xylene,	o- Xylene,	t-Butyl ethyl ether,	Methyl t-butyl ether,	Tetra- chloro- ethene,
	water,	methane	water,	water,	water,	water,	water,	water,	water,	water,	water,	water,
	unfltrd	wat	unf	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd	unfltrd
Dec 19...	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.1
Sep 25...	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.1

01467120 Cooper River at Norcross Road, at Lindenwold, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 3
 [Remark codes: <, less than.]

Date	Tetra-	chloro-	methane	Toluene	trans- 1,2-Di-	Tri- chloro-	Tri- bromo-	chloro-	Tri- fluoro-	chloro-	Vinyl
	water, unfltrd	water, unfltrd	water, unfltrd	ethene, unfltrd	ethene,	chloro-	bromo-	chloro-	fluoro-	chloro-	chloride,
	µg/L (32102)	µg/L (34010)	µg/L (34546)		µg/L (32104)	µg/L (39180)	µg/L (34488)	µg/L (32106)	µg/L (39175)		
Dec											
19...	<.2	<.1	<.1		<.2	<.1	<.1	<.2	<.1	<.2	
Sep											
25...	<.2	<.1	<.1		<.2	<.1	<.1	<.2	<.1	<.2	