



Water-Data Report 2007

01396900 CAPOOLONG CREEK AT LANSDOWNE, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°36'28", long 74°54'57" referenced to North American Datum of 1983, Franklin Township, Hunterdon County, NJ, Hydrologic Unit 02030105, at bridge on Lower Lansdown Road, 0.4 mi upstream from mouth, 0.5 mi west of Lansdowne, and 2.1 mi south of Clinton.

DRAINAGE AREA.--14.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1959-65, 2002 to current year. Prior to 2002, published as "Cakepoulin Creek."

GAGE.--Reference point only.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s
Jul 2, 2007	5.97
Jul 16, 2007	5.06

01396900 CAPOOLONG CREEK AT LANSDOWNE, NJ—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959-62, 2001-02, 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 4

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

Date	Time	Sample type	Turbidity white light, det ang 90+/-30 corrcrd	Barometric pres- sure, NTRU (63676)	Dissolved oxygen, Dis- solved oxygen, mm Hg (00025)	pH, percent of sat- uration mg/L (00300)	Conduc- tance, field, unfltrd units (00301)	water, unfltrd std units (00400)	Temp- erature, wat unf μS/cm (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO ₃ (00900)	Calcium water, mg/L (00915)
Dec													
19...	0950	Field Blank	--	--	--	--	--	--	--	--	--	--	.02
19...	1000	Environmental	.5	766	12.9	103	7.7	197	5.0	6.0	66	16.2	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 4

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

Date	Magnesium water, fltrd, mg/L (00925)	Arsenic water, fltrd, μg/L (01000)	Arsenic water, unfltrd μg/L (01002)	Beryllium, water, recover- able, μg/L (01010)	Beryllium, unfltrd water, fltrd, μg/L (01012)	Cadmium water, fltrd, μg/L (01025)	Cadmium water, unfltrd fltrd, μg/L (01027)	Chromium water, unfltrd fltrd, μg/L (01030)	Chromium water, recover- able, fltrd, μg/L (01034)	Copper water, recover- able, fltrd, μg/L (01040)	Copper water, unfltrd recover- able, fltrd, μg/L (01042)	Lead water, fltrd, μg/L (01049)	Lead water, unfltrd recover- able, fltrd, μg/L (01051)	
Dec														
19...	<.014	<.12	--	<.06	--	<.04	--	<.12	--	<.40	--	<.12	--	
19...	6.33	.27	.42	<.06	<.06	<.04	<.02	.16	E.31	E.29	<1.2	<.12	<.06	

01396900 CAPOOLONG CREEK AT LANSDOWNE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 4

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

Date	Mercury water, unfltrd fltrd, -able, μg/L (71890)	Mercury water, recover water, fltrd, -able, μg/L (71900)	Nickel, water, unfltrd water, recover water, -able, μg/L (01065)	Nickel, water, unfltrd water, recover water, -able, μg/L (01067)	Selen- ium, water, fltrd, unfltrd μg/L (01145)	Selen- ium, water, unfltrd water, fltrd, μg/L (01147)	Zinc, water, unfltrd water, fltrd, μg/L (01090)	Zinc, water, unfltrd water, recover -able, μg/L (01092)	Aldrin, water, unfltrd water, unfltrd μg/L (39330)	alpha- Endo- sulfan, water, unfltrd water, unfltrd μg/L (39388)	Chlor- dane, tech- nical, water, unfltrd water, unfltrd μg/L (39350)	Diel- drin, water, unfltrd water, unfltrd μg/L (39380)	Endrin, water, unfltrd water, unfltrd μg/L (39390)
Dec													
19...	<.010	--	<.06	--	<.08	--	<.60	--	--	--	--	--	--
19...	<.010	<.010	.23	.28	.14	.20	.86	<2	<.001	<.001	<.1	<.001	<.002

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 4

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

Date	Hepta- chlor- epoxide water, unfltrd μg/L (39420)	Hepta- chlor, water, unfltrd μg/L (39410)	Lindane water, unfltrd μg/L (39340)	Mirex, water, unfltrd μg/L (39755)	p,p'- DDD, water, unfltrd μg/L (39360)	p,p'- DDE, water, unfltrd μg/L (39365)	p,p'- DDT, water, unfltrd μg/L (39370)	p,p'- oxy- chlor, water, unfltrd μg/L (39480)	p,p'- Meth- oxy- chlor, water, unfltrd μg/L (39480)	PCBs, water, unfltrd μg/L (39516)	Toxa- phene, water, unfltrd μg/L (39400)	
Dec												
19...	--	--	--	--	--	--	--	--	--	--	--	--
19...	<.0004	<.001	<.0006	<.001	<.001	<.002	<.001	<.001	<.001	<.1	<1	