



Water-Data Report 2006

01408830 CEDAR CREEK AT CEDAR CREST, NJ

CEDAR CREEK BASIN

LOCATION.--Lat 39°53'50", long 74°18'59" referenced to North American Datum of 1983, Lacey Township, Ocean County, NJ, Hydrologic Unit 02040301, at bridge on Whiting-Lacey Road in Cedar Crest, 0.2 mi downstream from outlet of Bamber Lake, and 3.7 mi southeast of Keswick Grove.

DRAINAGE AREA.--20.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 1998 to current year.

GAGE.--Staff gage.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft³/s
Nov 16, 2005	34.9
Feb 1, 2006	55.4
May 3, 2006	34.3
Aug 14, 2006	27.9

01408830 CEDAR CREEK AT CEDAR CREST, NJ—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977-78, 1998 to current year.

REMARKS.--Total nitrogen (00600) equals the sum of filtered ammonia plus organic nitrogen (00623), filtered nitrite plus nitrate nitrogen (00631), and total particulate nitrogen (49570). Bacteria samples were collected synoptically over a 30-day period during the summer.

COOPERATIVE NETWORK SITE DESCRIPTOR: Undeveloped Land Use Indicator, New Jersey Department of Environmental Protection (NJDEP) Watershed Management Area 13.

COOPERATION.--Samples were collected in cooperation with the NJDEP. Bacteria samples were provided by the local county health department under the direction of the NJDEP through the County Environmental Health Act. Determinations of filtered ammonia, filtered orthophosphorus, BOD, total suspended residue, fecal coliform, E. coli, and enterococcus bacteria were performed by the NJ Department of Health and Senior Services.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 3

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

Date	Time	Instan- taneous dis- charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	UV absorb- ance, 254 nm, wat flt units /cm (50624)	UV absorb- ance, 280 nm, wat flt units /cm (61726)	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. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)
Nov 16...	1100	35	.8	.168	.134	763	9.8	96	4.5	30	22.0	14.7	3
Feb 01...	0940	55	.8	.238	.188	760	11.4	91	4.1	38	4.5	5.8	3
May 03...	1030	34	.6	.187	.148	759	9.9	101	4.0	30	22.0	15.9	3
Aug 14...	1130	28	.8	.111	.090	762	8.5	99	4.5	31	28.5	22.8	3

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 3

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

Date	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)
Nov 16...	.57	.381	.39	2.59	<5	4.42	<.10	5.3	3.10	25	3	.16	.042
Feb 01...	.55	.384	.31	2.49	<5	4.27	<.10	4.6	3.80	24	2	.15	.023
May 03...	.54	.394	.31	2.43	<5	4.45	<.10	2.2	2.97	27	3	.11	.028
Aug 14...	.50	.343	.31	2.36	<5	4.07	<.10	4.8	2.13	18	<1	.16	.033

01408830 CEDAR CREEK AT CEDAR CREST, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 3 of 3

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

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Particulate nitrogen, susp, water, mg/L (49570)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd, mg/L (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	Boron, water, fltrd, ug/L (01020)
Nov 16...	<.06	<.02	E.006	E.002	E.003	.2	<.1	.2	3.8	<1.0	E6.6
Feb 01...	E.03	<.02	E.002	<.004	E.003	.6	<.1	.6	4.4	<1.0	E6.8
May 03...	<.06	<.02	E.005	<.004	E.004	.2	<.1	.2	3.3	<1.0	E6.8
Aug 14...	<.06	<.02	E.005	<.004	<.004	.2	<.1	.2	2.6	<1.0	7.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[Remark codes: <, less than.]

Date	Time	Temperature, water, deg C (00010)	Enterococci, m-E MF, water, col/ 100 mL (31649)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coliform, ECbroth MPN/ 100 mL (31615)
Aug 02...	0715	27.7	10	<10	<20
09...	0730	23.8	10	10	<20
16...	0730	22.3	<10	<10	<20
23...	0730	22.9	10	<10	<20
30...	0720	21.0	<10	200	80