



Water-Data Report 2009

01482570 GAME CREEK AT U.S. ROUTE 40, NEAR DEEPWATER, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 39°40'53", long 75°27'46" referenced to North American Datum of 1983, Carneys Point Township, Salem County, NJ, Hydrologic Unit 02040206, at bridge on U.S. Route 40, 0.3 mi upstream from mouth, 1.5 mi east of Deepwater, and 3.0 mi northeast of Pennsville.

DRAINAGE AREA.--14.3 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2007 to current year.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation with the NJ Department of Environmental Protection. Determinations of carbonaceous biochemical oxygen demand and suspended residue were performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Temper- ature, air, deg C (00020)	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 unfl- trd µS/cm @ 25 degC (00095)	Temper- ature, water, deg C (00010)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	CBOD, water, unfltrd 5 day, mg/L (80082)	Dis- solved solids dried @ 180degC wat flt mg/L (70300)	Sus- pended solids, water, unfltrd mg/L (00530)	ANC, wat unfl- xed end pt, lab, mg/L as CaCO3 (90410)
May 05...	1350	766	16.0	4.6	46	6.8	258	15.0	11	<1.0	176	14	26

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2

[Remark codes: <, less than.]

Date	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Phos- phorus, water, fltrd, mg/L as P (00666)	Phos- phorus, water, unfltrd mg/L as P (00665)	Total nitro- gen, water, unfltrd mg/L (00600)	Chloro- phyll a phyto- plank- ton, fluoro, µg/L (70953)	Pheo- phytin a, phyto- plank- ton, µg/L (62360)	Iron, water, unfltrd recover- able, µg/L (01045)	Boron, water, unfltrd recover- able, µg/L (01022)	Organic carbon, water, unfltrd mg/L (00680)
May 05...	45.6	1.1	.244	.54	.03	.10	1.6	11.0	11.9	2,530	23	15.0