



Water-Data Report 2009

01464443 IVANHOE BROOK NEAR RED VALLEY, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°08'17", long 74°27'38" referenced to North American Datum of 1983, Upper Freehold Township, Monmouth County, NJ, Hydrologic Unit 02040201, at bridge on Millers Mill Road, 0.4 mi upstream from mouth, 0.8 mi northeast of Prospertown, and 1.7 mi south of Red Valley.

DRAINAGE AREA.--3.55 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 2009.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation with the NJ Department of Environmental Protection.

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

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Temperature, air, deg C (00020)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd μS/cm @ 25 degC (00095)	Temperature, water, deg C (00010)	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	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)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd mg/L as P (00665)
Jul 13...	1100	25.0	7.5	89	6.7	102	23.9	22	.44	<.040	<.04	.011	.036

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

Part 2 of 2

[Remark codes: <, less than.]

Date	Chlorophyll a phytoplankton, fluoro, μg/L (70953)	Pheophytin a, phytoplankton, μg/L (62360)	Organic carbon, water, fltrd, mg/L (00681)
Jul 13...	11.7	9.8	6.6