



Water-Data Report 2006

01467780 WEST CREEK WEST BRANCH SCHUYLKILL RIVER ABOVE AMD NEAR BUCK RUN, PA

Lower Delaware Basin
Schuylkill Subbasin

LOCATION.--Lat 40°41'52", long 76°21'35" referenced to North American Datum of 1927, Schuylkill County, PA, Hydrologic Unit 02040203.

DRAINAGE AREA.--.661 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2001 to current year.

REMARKS.--Some values for filtered parameters exceed values for the corresponding unfiltered parameter. These results are within the limits of analytical precision and methods. Station operated as part of the Neumeister AMD project.

COOPERATION.--Station established and maintained by the U.S. Geological Survey in cooperation with the Schuylkill Headwaters Association and the Pennsylvania Department of Environmental Protection.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 3

[Remark codes: <, less than.]

Date	Time	Medium code	Instantaneous discharge, cfs (00061)	Oxidation-reduction potential, mV (00090)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specific conductance, wat unfiltered, uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium water, unfiltered, recoverable, mg/L (00916)	Magnesium, water, fltrd, mg/L (00925)
Jan 20...	1015	9	9.80	570	14.2	112	4.5	4.5	100	5.50	1.90	1.90	1.10

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 3

[Remark codes: <, less than.]

Date	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, fltrd, mg/L (00935)	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, fltrd, mg/L (00930)	Sodium, water, unfiltered, recoverable, mg/L (00929)	ANC, wat unfiltered, fixed end pt, lab, mg/L as CaCO3 (00417)	Aluminum, water, fltrd, ug/L (01106)	Aluminum, water, unfiltered, recoverable, ug/L (01105)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfiltered, recoverable, ug/L (01045)	Manganese, water, fltrd, ug/L (01056)	Manganese, water, unfiltered, recoverable, ug/L (01055)	Nickel, water, fltrd, ug/L (01065)
Jan 20...	1.10	.600	.600	12.0	12.0	.000	200	400	100	240	150	150	<5.00

01467780 WEST CREEK WEST BRANCH SCHUYLKILL RIVER ABOVE AMD NEAR BUCK RUN, PA—Continued

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO
SEPTEMBER 2006**

Part 3 of 3

[Remark codes: <, less than.]

Date	Nickel, water, unfltrd recover -able, ug/L (01067)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover -able, ug/L (01092)
Jan 20...	<5.00	31.0	29.0