



Water-Data Report 2007

0157156521 GOOD SPRING CREEK BELOW TRACY TRIBUTARY NEAR DONALDSON, PA

Lower Susquehanna Basin
Lower Susquehanna-Swatara Subbasin

LOCATION.--Lat 40°37'39", long 76°27'05" referenced to North American Datum of 1927, Schuylkill County, PA, Hydrologic Unit 02050305.

DRAINAGE AREA.--2.59 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 Swatara Creek Mine Drainage Project.

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

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 3

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Oxidation	Dissolved oxygen, percent of saturation (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specific conductance, wat unf 25 degC (00095)	Temperature, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium unfltrd recover-able, mg/L (00916)	Magnesium, water, fltrd, mg/L (00925)	Magnesium, water, unfltrd recover-able, mg/L (00927)	
			reduction potential, mV (00090)										
Dec 18...	0945	3.79	260	8.3	73	5.9	6.6	530	9.90	37	37	32	32
Mar 27...	1500	8.45	330	8.9	82	6.2	6.4	370	11.2	24	24	20	19

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 3

[Remark codes: <, less than.]

Date	Potassium, water, fltrd, mg/L (00935)	Potassium, water, unfltrd recover-able, mg/L (00937)	Sodium, water, fltrd, mg/L (00930)	Sodium, water, unfltrd recover-able, mg/L (00929)	ANC,	Acidity water, unfltrd heated, mg/L as CaCO3 (70508)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Aluminum, water, fltrd, μg/L (01106)	Aluminum, water, unfltrd recover-able, μg/L (01105)	Iron, water, fltrd, μg/L (01046)	Iron, water, unfltrd recover-able, μg/L (01045)	Manganese, water, fltrd, μg/L (01056)
					wat unf fixed end pt, lab, mg/L as CaCO3 (00417)								
Dec 18...	2.9	2.9	10	10	41.0	-34.1	20	190	<100	<100	6,700	9,400	1,500
Mar 27...	2.6	2.6	9.2	9.8	33.0	-16.2	20	120	<100	<100	5,100	5,900	1,100

0157156521 GOOD SPRING CREEK BELOW TRACY TRIBUTARY NEAR DONALDSON, PA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 3

[Remark codes: <, less than.]

Date	Mangan-	Nickel,	Zinc,		
	ese, water, unfltrd recover -able, µg/L (01055)	Nickel, water, fltrd, µg/L (01065)	Nickel, unfltrd recover -able, µg/L (01067)	Zinc, water, unfltrd recover -able, µg/L (01090)	Zinc, water, unfltrd recover -able, µg/L (01092)
Dec					
18...	1,600	35	36	25	25
Mar					
27...	1,100	25	27	23	23