

**ANALYSIS OF STREAMFLOW SAMPLES COLLECTED AT PARTIAL-RECORD STATIONS
OCTORARO CREEK BASIN**

01578347 EB OCTORARO CREEK NEAR STEELVILLE, PA

Water-quality partial-record stations are sites where chemical-quality, biological, or sediment data are collected systematically over a period of years for use in hydrologic analyses. These data are usually collected less than quarterly.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

MISCELLANEOUS STATION ANALYSES

Date	Time	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unfltrd lab, $\mu\text{S}/\text{cm}$ 25 degC (90095)	Specif. conductance, wat unfltrd lab, $\mu\text{S}/\text{cm}$ 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	
NOV 2004 16...	0800	1028	80020	39	12.0	7.5	E6.9	283	286	5.1	29.1	10.8	3.92	
Date		Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd fixed end pt, lab, mg/L as CaCO3 (90410)	ANC, wat unfltrd incrm. titr., field, mg/L as CaCO3 (00419)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Boron, water, fltrd, $\mu\text{g}/\text{L}$ (01020)	Iron, water, fltrd, $\mu\text{g}/\text{L}$ (01046)
NOV 2004 16...	8.88	57	64	20.4	<.1	9.8	24.8	<.04	8.87	.017	.03	11	21	

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01578347 EB OCTORARO CREEK NEAR STEELVILLE, PA--Continued

REMARKS.--Samples were collected using a Hess sampler with a mesh size of 500 μm . Each sample covered a total area of 2.4 m^2 .

BIOLOGICAL DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
BENTHIC MACROINVERTEBRATES

Date	11/16/04
Benthic macroinvertebrate	Count
Platyhelminthes	
Turbellaria (FLATWORMS)	
Tricladida	
Planariidae	22
Nematoda (NEMATODES)	24
Nemertea (PROBOSCIS WORMS)	
Enopla	
Hoplonemertea	
Tetrastemmatidae	
<i>Prostoma</i>	3
Mollusca	
Gastropoda (SNAILS)	
Basommatophora	
Ancylidae	
<i>Ferrissia</i>	1
Hydrobiidae	
<i>Ammicola</i>	1
Planorbidae	1
Bivalvia (CLAMS)	
Veneroida	
Corbiculidae	
<i>Corbicula fluminea</i>	3
Annelida	
Oligochaeta (AQUATIC EARTHWORMS)	
Lumbriculida	
Lumbriculidae	1
Tubificida	
Tubificidae	2
Arthropoda	
Acariformes	
Hydrachnidia (WATER MITES)	3
Crustacea	
Amphipoda (SCUDS)	
Gammaridae	
<i>Gammarus</i>	5
Isopoda (AQUATIC SOWBUGS)	
Asellidae	
<i>Caecidotea</i>	1
Insecta	
Ephemeroptera (MAYFLIES)	
Baetidae	
<i>Acentrella</i>	1
<i>Baetis</i>	2

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BENTHIC MACROINVERTEBRATES

Date	11/16/04
Benthic macroinvertebrate	Count
Ephemerellidae	
<i>Ephemerella</i>	2
<i>Eurylophella</i>	1
<i>Serratella</i>	8
Heptageniidae	
<i>Stenonema</i>	12
Tricorythidae	
<i>Tricorythodes</i>	1
Plecoptera (STONEFLIES)	
Capniidae	
<i>Allocapnia</i>	73
Perlodidae	1
Taeniopterygidae	
<i>Strophopteryx</i>	1
<i>Taeniopteryx</i>	13
Trichoptera (CADDISFLIES)	
Hydropsychidae	
<i>Cheumatopsyche</i>	4
<i>Hydropsyche</i>	76
Hydroptilidae	
<i>Hydroptila</i>	1
<i>Leucotrichia</i>	15
Philopotamidae	
<i>Chimarra</i>	207
<i>Dolophilodes</i>	1
Uenoidae	
<i>Neophylax</i>	1
Lepidoptera (MOTHS AND BUTTERFLIES)	
Pyralidae	
<i>Petrophila</i>	1
Coleoptera (BEETLES)	
Elmidae (RIFFLER BEETLES)	
<i>Optioservus</i>	35
<i>Oulimnius</i>	1
<i>Stenelmis</i>	117
Psephenidae (WATER PENNIES)	
<i>Psephenus</i>	37
Diptera (TRUE FLIES)	
Ceratopogonidae	2
Chironomidae (MIDGES)	142
Empididae (DANCE FLIES)	
<i>Hemerodromia</i>	7
Simuliidae (BLACK FLIES)	
<i>Simulium</i>	5
Tipulidae (CRANE FLIES)	
<i>Antocha</i>	14
Total organisms	848
Total number of taxa	40