

**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 2003 TO SEPTEMBER 2004

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, µS/cm 25 degC (90095)	Specif. conductance, wat unfltrd lab, µS/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)
OCT 14...	0830	1028	80020	46	10.8	7.3	7.3	286	292	13.1	29.2	11.5	3.46
Date		Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd, titr., field, mg/L as CaCO3 (00419)	Chloride, water, fltrd, mg/L (00940)	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, µg/L (01020)	Iron, water, fltrd, µg/L (01046)	
OCT 14...		8.86	55	20.4	5.5	23.1	<.04	8.64	.015	E.01	24	12	

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**REMARKS.--**Samples were collected using a Hess sampler with a mesh size of 500  $\mu\text{m}$ . Each sample covered a total area of 2.4  $\text{m}^2$ .

BIOLOGICAL DATA. WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
BENTHIC MACROINVERTEBRATES

Date	10/14/03
Benthic macroinvertebrate	Count
Platyhelminthes	
Turbellaria (FLATWORMS)	
Tricladida	
Planariidae	27
Mollusca	
Bivalvia (CLAMS)	
Veneroida	
Corbiculidae	
<i>Corbicula fluminea</i>	2
Sphaeriidae	
<i>Pisidium</i>	3
Annelida	
Oligochaeta (AQUATIC EARTHWORMS)	
Lumbriculida	
Lumbriculidae	3
Tubificida	
Naididae	2
Arthropoda	
Acariformes	
Hydrachnidia (WATER MITES)	4
Crustacea	
Amphipoda (SCUDS)	
Gammaridae	
<i>Gammarus</i>	9
Isopoda (AQUATIC SOWBUGS)	
Asellidae	
<i>Caecidotea</i>	2
Insecta	
Ephemeroptera (MAYFLIES)	
Baetidae	
<i>Acentrella</i>	23
<i>Baetis</i>	50
Caenidae	
<i>Caenis</i>	1
Ephemerellidae	
<i>Serratella</i>	47
Heptageniidae	
<i>Stenonema</i>	41
Isonychiidae	
<i>Isonychia</i>	12
Plecoptera (STONEFLIES)	
Capniidae	3
Taeniopterygidae	
<i>Taeniopteryx</i>	7

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BIOLOGICAL DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
BENTHIC MACROINVERTEBRATES

Date	10/14/03
Benthic macroinvertebrate	Count
Trichoptera (CADDISFLIES)	
Brachycentridae	
<i>Brachycentrus</i>	1
Hydropsychidae	
<i>Cheumatopsyche</i>	34
<i>Diplectrona</i>	6
<i>Hydropsyche</i>	78
Hydroptilidae	
<i>Leucotrichia</i>	5
Philopotamidae	
<i>Chimarra</i>	79
<i>Dolophilodes</i>	1
Coleoptera (BEETLES)	
Elmidae (RIFFLE BEETLES)	
<i>Optioservus</i>	55
<i>Oulimnius</i>	1
<i>Stenelmis</i>	350
Psephenidae (WATER PENNIES)	
<i>Psephenus</i>	50
Diptera (TRUE FLIES)	
Chironomidae (MIDGES)	
Simuliidae (BLACK FLIES)	
<i>Simulium</i>	31
Tipulidae (CRANE FLIES)	
<i>Antocha</i>	1
Total Organisms	1211
Total Taxa	30