

**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 particular 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 2000 TO SEPTEMBER 2001
MISCELLANEOUS STATION ANALYSES

DATE	TIME	AGENCY ANA- LYZING SAMPLE NUMBER (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE NUMBER (CODE NUMBER) (00027)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
NOV 2000 13...	1100	80020	1028	8.6	12.8	8.1	301	8.5	28.5	9.96	4.76	8.3

DATE	ANC WATER UNFLTRD IT FIELD (MG/L AS CACO3) (00419)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	BORON, DIS- SOLVED (µG/L AS B) (01020)	IRON, DIS- SOLVED (µG/L AS FE) (01046)
NOV 2000 13...	64	18.8	7.9	25.2	<.041	6.46	.026	.028	14	20

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01578347 EB OCTORARO CREEK NEAR STEELVILLE, PA--Continued

BIOLOGICAL DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
BENTHIC MACROINVERTEBRATES

REMARKS.--Samples were collected using a Hess sampler with a mesh size of 500 μm . Each sample covered a total area of 3.2m².

Date	11/13/00
Benthic Macroinvertebrate	Count
Nematoda (NEMATODES)	21
Mollusca	
Bivalvia (CLAMS)	
Veneroida	
Sphaeriidae	1
Arthropoda	
Acariformes	
Hydrachnidia (WATER MITES)	12
Crustacea	
Amphipoda (SCUDS)	
Crangonyctidae	
<u>Crangonyx</u> sp	2
Isopoda (AQUATIC SOWBUGS)	
Asellidae	
<u>Caecidotea</u> sp	2
Insecta	
Ephemeroptera (MAYFLIES)	
Baetidae	
<u>Baetis</u> sp	5
<u>Pseudocloeon</u> sp	3
Ephemerellidae	
<u>Serratella</u> sp	223
Heptageniidae	
<u>Stenonema</u> sp	151
Isonychiidae	
<u>Isonychia</u> sp	3
Leptohyphidae	
<u>Tricorythodes</u> sp	4
Odonata	
Coenagrionidae(DAMSELFLIES)	
<u>Argia</u> sp	1
Plecoptera (STONEFLIES)	
Capniidae	
<u>Allocapnia</u> sp	23
Chloroperlidae	15
Perlodidae	9
Taeniopterygidae	
<u>Taeniopteryx</u> sp	20
Megaloptera	
Corydalidae (FISHFLIES AND DOBSONFLIES)	
<u>Corydalus</u> sp	1

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Date	11/13/00
Benthic Macroinvertebrate	Count
Trichoptera (CADDISFLIES)	
Hydropsychidae	
<u>Cheumatopsyche</u> sp	38
<u>Hydropsyche</u> sp	239
Hydroptilidae	
<u>Hydroptila</u> sp	1
<u>Leucotrichia</u> sp	10
Philopotamidae	
<u>Chimarra</u> sp	131
Coleoptera (BEETLES)	
Elmidae (RIFFLE BEETLES)	
<u>Macronychus</u> sp	1
<u>Optioservus</u> sp	65
<u>Oulimnius</u> sp	4
<u>Stenelmis</u> sp	193
Psephenidae (WATER PENNIES)	
<u>Psephenus</u> sp	46
Diptera (TRUE FLIES)	
Chironomidae (MIDGES)	
	379
Empididae (DANCE FLIES)	
<u>Hemerodromia</u> sp	9
Simuliidae (BLACK FLIES)	
<u>Simulium</u> sp	10
Tipulidae (CRANE FLIES)	
<u>Antocha</u> sp	19
Total organisms	1641
Total number of taxa	31