

CONESTOGA RIVER BASIN

01576526 NORTH FORK UNNAMED TRIBUTARY TO BIG SPRING RUN NEAR WILLOW STREET, PA

LOCATION.--Lat 39°59'44", long 76°15'06", Lancaster County, Hydrologic Unit 02050306, 0.4 mi north of culvert on SR 741, 0.5 mi northwest of Lampeter, and 1.5 mi northeast of Willow Street.

DRAINAGE AREA.--1.13 mi².

PERIOD OF RECORD.--September 1993 to May 2001 (discontinued).

REMARKS.--Land surface elevation is 335 ft, from topographic map.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY (NTU) (00076)	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)	NITRO-GEN, AM-MONIA + DIS-SOLVED (MG/L) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L) (00623)
MAY 2001											
09...	1115	80020	1028	.72	10	11.1	7.8	707	15.8	.057	.71
09...	1200	80020	1028	--	--	--	--	--	--	--	--

DATE	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L) (00666)	PHOS-PHORUS TOTAL (MG/L) (00665)	PERI-PHYTON BIOMASS ASH WEIGHT (G/SQ M) (00572)	PERI-PHYTON BIOMASS DRY WEIGHT (G/SQ M) (00573)	PHEO-PHYTIN A, PERI-PHYTON (MG/M ²) (62359)	CHLOR-A PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M ²) (70957)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
MAY 2001										
09...	.99	9.45	.054	.072	.115	--	--	--	--	11
09...	--	--	--	--	--	163.6	170.6	13	23.2	--

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BIOLOGICAL DATA, MAY 2000 TO MAY 2001
BENTHIC MACROINVERTEBRATES

REMARKS.--Rapid bioassessments for benthic macroinvertebrates were conducted in May 2000 to May 2001. Samples represent counts per 200-organism (approximate) subsamples.

Benthic Macroinvertebrate	May 2000	Sept 2000	May 2001
Annelida	--	--	--
Oligochaeta (AQUATIC EARTHWORMS)	--	--	--
Haplotaxida	--	--	--
Enchytraeidae	1	--	--
Tubificidae	5	--	--
<u>Limnodrilus</u> sp	--	4	3
Naididae	--	--	--
<u>Nais bretscheri</u>	3	--	--
<u>Nais</u> sp	5	--	8
Arthropoda	--	--	--
Crustacea	--	--	--
Copepoda (COPEPODS)	--	--	--
Harpacticoidae	--	--	2
Isopoda (AQUATIC SOWBUGS)	--	--	--
Asellidae	--	--	--
<u>Caecidotea</u> sp	3	--	1
Amphipoda (SCUDS)	--	--	--
Gammaridae	--	--	--
<u>Gammarus pseudolimnaeus</u>	130	--	67
<u>Gammarus</u> sp	--	152	--
Insecta	--	--	--
Pterygota	--	--	--
Ephemeroptera (MAYFLIES)	--	--	--
Baetidae	--	2	--
<u>Acentrella</u> sp	--	4	--
<u>Baetis tricaudatus</u>	3	--	--
Odonata	--	--	--
Coenagrionidae (DAMSELFLIES)	--	1	--
Coleoptera (BEETLES)	--	--	--
Dytiscidae (PREDACEOUS DIVING BEETLES)	--	--	2
<u>Agabus</u> sp	5	--	3
<u>Dytiscus</u> sp	--	1	--
Elmidae	--	--	--
<u>Dubiraphia</u> sp	1	7	8
<u>Optioservus</u> sp	3	14	7
<u>Stenelmis</u> sp	2	7	7
Trichoptera (CADDIS FLIES)	--	--	--
Hydropsychidae	--	--	--
<u>Cheumatopsyche</u> sp	--	5	--
Diptera	--	--	--
Simuliidae (BLACK FLIES)	--	--	--
<u>Simulium vittatum</u> complex	13	--	--
<u>Simulium</u> sp	3	2	--
Chironomidae (MIDGES)	--	--	--
Tanypodinae	--	--	--
<u>Natarsia</u> sp	--	1	1
<u>Thienemannimyia</u> gr sp	--	1	--
Orthocladiinae	--	--	--
<u>Corynoneura</u> sp	--	1	--
<u>Cricotopus bicinctus</u>	2	--	1
<u>Cricotopus trifascia</u> gr	--	--	1
<u>Cricotopus vierriensis</u>	1	--	--
<u>Cricotopus</u> sp	5	--	3
<u>Orthocladius</u> sp	4	--	27
<u>Parakiefferiella</u> sp	--	--	3
<u>Rheocricotopus</u> sp	3	--	1
Chironominae	--	--	--
<u>Chironomus</u> sp	1	--	--
<u>Dicrotendipes</u> sp	2	--	9
<u>Einfeldia</u> sp	--	--	4
<u>Micropsectra</u> sp	2	--	2
<u>Paratendipes albimanus</u>	2	--	--
<u>Paratendipes</u> sp	--	1	6
<u>Phaenopsectra</u> sp	--	3	--
<u>Polypedilum</u> sp	--	1	--
<u>Stictochironomus</u> sp	--	--	27
Total organisms	199	207	193