

CONESTOGA RIVER BASIN

01576528 UNNAMED TRIBUTARY TO BIG SPRING RUN NEAR WILLOW STREET, PA

LOCATION.--Lat 39°59'49", long 76°15'20", Lancaster County, Hydrologic Unit 02050306, 100 ft below pond, 0.7 mi northwest of Lampeter, and 1.5 mi northeast of Willow Street.

DRAINAGE AREA.--1.21 mi<sup>2</sup>.

PERIOD OF RECORD.--September 1993 to current year.

REMARKS.--Land surface elevation is 325 ft, from topographic map.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	AGENCY COLLECTING SAMPLE (CODE NUMBER)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPE-CIFIC CONDUCTANCE (µS/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L) AS N (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) AS N (00608)
MAY 2000											
08...	1125	80020	1028	.93	10.9	8.0	650	19.0	.31	.46	.034
08...	1230	80020	1028	--	--	--	--	--	--	--	--
SEP											
05...	1010	80020	1028	.34	8.6	7.7	660	17.0	.44	.62	.074
05...	1140	80020	1028	--	--	--	--	--	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) AS N (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) AS N (00613)	PHOS-PHORUS DIS-SOLVED (MG/L) AS P (00666)	PHOS-PHORUS TOTAL (MG/L) AS P (00665)	TURBIDITY (NTU) (00076)	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI-PHYTON BIOMASS DRY WEIGHT G/SQ M (00573)	CHLOR-A PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M <sup>2</sup> ) (70957)	CHLOR-B PERI-PHYTON CHROMO-GRAPHIC FLUOROM (MG/M <sup>2</sup> ) (70958)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
MAY 2000										
08...	9.40	.065	.063	.085	10	--	--	--	--	11
08...	--	--	--	--	--	582.5	543.9	31.3	7.5	--
SEP										
05...	6.84	.094	.341	.397	98	--	--	--	--	10
05...	--	--	--	--	--	291.9	303.1	18.9	--	--