

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 mi<sup>2</sup>.

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

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

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

DATE	TIME	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	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 (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...	1230	80020	1028	.71	10.9	7.9	449	19.9	.25	.38	<.020
08...	1345	80020	1028	--	--	--	--	--	--	--	--
SEP											
05...	1025	80020	1028	.21	9.5	7.8	683	16.4	.29	.50	.030
05...	1240	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)	TUR-BID-ITY (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...	9.73	.070	.033	.063	16	--	--	--	--	17
08...	--	--	--	--	--	755.3	714.1	63.0	10.2	--
SEP										
05...	7.97	.032	.074	.100	6.2	--	--	--	--	9
05...	--	--	--	--	--	288.3	298.7	11.0	--	--