

CONESTOGA RIVER BASIN

01576519 BIG SPRING RUN BELOW WILLOW BRANCH NEAR WILLOW STREET, PA

LOCATION.--Lat 39°59'35", long 76°15'46", Lancaster County, Hydrologic Unit 02050306, 0.2 mi north of U.S. Route 222 and 150 ft west of Gypsy Hill Road, and 1.1 mi northeast of Willow Street.

DRAINAGE AREA.--1.62 mi<sup>2</sup>.

PERIOD OF RECORD.--May 1996 to current year.

REMARKS.--Land surface elevation is 315 ft, from topographic map.

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

DATE	TIME	AGENCY ANA-LYZING SAMPLE NUMBER (CODE 00028)	AGENCY COL-LECTING SAMPLE NUMBER (CODE 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)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L) AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	NITRO-GEN, AM-MONIA + DIS-SOLVED (MG/L) AS N) (00608)
MAY 2000											
08...	1030	80020	1028	1.7	10.4	7.8	541	16.9	.17	.24	<.020
08...	1550	80020	1028	--	--	--	--	--	--	--	--
SEP											
05...	0925	80020	1028	3.3	10.7	8.0	595	16.9	.28	.49	.037
05...	1030	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 TOTAL 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...	8.36	.042	.027	.038	9.3	--	--	--	--	10
08...	--	--	--	--	--	941.0	893.2	89.6	9.8	--
SEP										
05...	3.29	.019	.052	.094	30	--	--	--	--	24
05...	--	--	--	--	--	296.4	308.3	35.9	--	--