01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA

LOCATION.--Lat 40°12'22", long 75°33'57", Montgomery County, Hydrologic Unit 02040203, on left bank 100 ft upstream from Vincent Dam, and 0.3 mi south of Linfield.

DRAINAGE AREA.--1,189 mi².

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: January 1986 to September 1990. WATER TEMPERATURE: September 1989 to current year.

DISSOLVED OXYGEN: January 1986 to September 1990; March 1997 to current year.

INSTRUMENTATION.--Water-quality monitor January 1986 to September 1990, March 1997 to current year. In situ water temperature probe since October 1990. Probes interfaced with a data collection platform.

REMARKS.--Water temperature records rated good; dissolved oxygen records rated poor. Dissolved oxygen collection discontinued October through March. Other interruptions in the record were due to pump intake sedimentation and instrument malfunctions.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 752 microsiemens, Sept. 15, 1989; minimum, 118 microsiemens, Sept. 15, 1987. WATER TEMPERATURE: Maximum, 33.5°C, July 6, 1999; minimum, 0.0°C, many days during winters. DISSOLVED OXYGEN: Maximum, 19.6 mg/L, Mar. 24, 1988; minimum, 0.8 mg/L, July 26, 1986.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum 27.5°C, June 11, Aug. 10; minimum, 0.0°C, many days during winter.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER	!	D	ECEMBER			JANUARY	
1 2 3 4 5	18.0 18.0 18.5 18.0	16.5 16.0 16.5 17.0 15.0	17.0 17.0 17.5 17.5	15.0 15.0 14.5 11.5	12.5 13.5 11.5 10.0 9.0	13.5 14.0 13.0 11.0 9.5	6.0 5.0 5.5 7.5 8.5	4.5 4.0 4.5 5.5 6.5	5.0 4.5 5.0 6.5 7.5	4.0 5.5 7.0 9.0 8.5	2.5 3.0 5.5 6.5	3.0 4.0 6.0 7.5 7.0
6 7 8 9 10	15.5 15.0 14.5 15.0	13.5 13.5 13.0 14.0 15.0	14.5 14.5 13.5 14.5 15.5	12.0 11.0 10.0 10.5 11.5	9.5 9.5 8.5 8.0 9.5	10.5 10.0 9.0 9.0 10.5	9.5 9.5 7.0 7.0	8.0 8.0 6.0 6.0	8.5 9.0 6.5 6.5	6.0 5.0 4.5 4.5 5.5	4.0 3.5 3.0 3.5 4.5	5.0 4.0 3.5 4.0 5.0
11 12 13 14 15	17.0 16.5 16.0 16.0	15.5 14.5 14.0 14.5	16.0 15.5 15.0 15.0	12.5 10.5 11.5 10.5	10.5 9.0 9.5 9.0 8.5	11.5 9.5 10.5 10.0 9.0	7.0 5.5 5.0 5.5 6.5	5.5 4.5 4.5 5.0 6.0	6.0 5.0 4.5 5.5 6.0	6.0 5.0 5.0 3.0 1.5	5.0 4.0 3.0 1.0	5.5 4.5 4.0 2.0
16 17 18 19 20	14.5 15.0 16.0 14.5	12.5 13.5 14.5 13.0 12.5	13.5 14.5 15.0 13.5 13.0	8.5 7.0 7.0 8.0 9.0	6.0 5.0 4.5 5.5 6.5	7.5 6.0 5.5 6.5 7.5	7.0 6.5 6.0 5.5 5.5	6.5 5.5 5.0 5.0	6.5 6.0 5.5 5.0	3.0 1.0 .0 .5	1.0 .0 .0 .0	1.5 .0 .0 .0
21 22 23 24 25	13.5 13.0 13.0 12.0 12.5	11.5 11.0 11.5 10.5	12.5 12.0 12.0 11.5 11.0	12.5 13.5	11.0 12.5	12.0 13.0	5.5 5.5 4.5 3.5 2.0	5.0 4.5 3.5 2.0 1.0	5.5 5.0 4.0 3.0 1.5	.0.0.0.0	.0 .0 .0 .0	.0.0.0
26 27 28 29 30 31	13.0 12.0 12.5 13.0 13.5 14.0	10.0 10.5 10.5 10.0 11.0	11.5 11.5 11.5 11.5 12.0 12.5	13.5 13.0 12.0 9.5 8.0	12.0 12.0 9.5 8.0 6.0	13.0 12.5 11.0 9.0 7.0	1.5 2.5 2.5 2.5 3.0 4.0	1.0 1.5 1.5 1.5 2.5	1.5 2.0 2.0 2.0 2.5 3.0	.0.0.0.0.0	.0.0.0.0.0	.0.0.0.0
MONTH	18.5	10.0	13.9	15.0	4.5	10.0	9.5	1.0	4.9	9.0	.0	2.2

01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR			MARCH			APRIL			MAY	
1 2 3 4 5	.0 .0 .0		.0.0.0.0	6.5	5.5 5.5 5.5 6.0	5.5 6.0 6.0 6.5 7.0	12.0 12.0 14.0 14.0 13.0	9.5 11.0 12.0 13.0 11.0	11.5 13.0 14.0 12.0	18.5 19.5 20.5	 15.0 16.5 18.5	 16.5 18.0 19.5
6 7 8 9 10	.5 .5 1.0 2.0 3.0	.0 .0 .0 .0	.0 .0 .5 1.0 2.0	9.0 9.5 11.0 11.5 12.5	6.5 6.5 8.5 10.0 11.0	7.5 8.0 9.5 11.0 11.5	12.5 13.5 15.5 14.0 12.0	10.0 11.5 12.0 11.0	11.0 12.5 13.5 12.0 11.0	22.5 24.0 25.0 25.5	19.0 20.5 21.5 22.5	20.5 22.0 23.5 24.0
11 12	4.0 3.5 2.0 3.0 3.5	2.5 2.0 1.0 1.5 2.0	3.0 2.5 1.5 2.5 2.5	11.5 9.5 8.5 9.5 10.5	7 5	10.5 8.5 7.5 8.0 9.0	11.0 12.0 12.5 12.5 12.5	10.5 10.0 9.5 10.0 11.5	11.0 11.0 11.0 11.5	 		
16 17 18 19 20			3.0 3.0 2.0 2.5 3.5	10.0 10.0 8.0 8.5 8.5	9.0 8.0 6.5 6.5	9.5 9.5 7.5 7.5 8.0	15.5 15.5 12.5 13.0 15.0	12.0 12.5 10.5 10.0 12.5	13.5 14.0 11.0 11.5 13.5	19.0 20.0 20.5 20.0 18.0	17.5 18.0 18.5 18.0	18.5 19.0 19.5 19.5 16.5
21 22 23 24 25	5.0 5.5 5.5 7.0 7.0	3.0 3.0 4.0 5.0 6.0	4.0 4.0 4.5 5.5 6.5		6.0 6.0 7.0 9.0	7.5 6.5 8.0 9.5 10.5	14.5 12.0 12.5 14.0 14.0	12.0 11.5 11.0 11.0	13.5 12.0 12.0 12.5 13.5		14.5 15.0 14.5 15.0 16.5	15.0 15.0 15.0 16.0 17.0
26 27 28 29 30 31	7.0 6.5 7.5 6.5	6.0 5.5 6.5 5.5	6.5 6.0 7.0 6.0	10.5	10.5 10.0 10.5 9.5 9.0	11.0 10.5 11.0 10.5 9.5 10.0	14.0 13.5 13.5 16.0 17.0	12.0 12.0 12.0 12.0 14.0	13.0 12.5 12.5 14.0 15.5	18.0 17.5 16.5 17.0 17.0	16.0 16.5 15.5 15.5 15.5	17.0 17.0 16.0 16.0 16.0
MONTH	7.5	.0	2.7	12.5	5.5	8.7	17.0	9.5	12.4	25.5	14.5	18.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN		MIN SEPTEMBE	
DAY 1 2 3 4 5	MAX 20.5 22.5 23.0 22.0 21.0		MEAN 19.0 21.0 22.0 21.5 20.0	23.5 24.5 24.5 25.5 26.0		MEAN 22.0 23.0 23.5 24.0 25.0	25.5 25.0		MEAN 24.5 24.0 23.0 22.0	26.5 26.5 26.5 27.0	24.0 25.0	
1 2 3 4	20.5 22.5 23.0 22.0	JUNE 17.5 20.0 21.0 20.5 19.0 16.5 15.5	19.0 21.0 22.0 21.5 20.0	23.5 24.5 24.5 25.5	JULY 21.0 21.5 22.5 23.0 23.5	22.0 23.0 23.5 24.0	25.5 25.0 23.5 22.5 23.0	23.5 23.0 22.5 22.0 21.0 21.0 21.0	24.5 24.0 23.0 22.0	26.5 26.5 26.5 27.0 25.0 23.0 22.5 22.5 24.5	24.0 25.0 25.0 24.5	25.0 25.5 25.5 25.5
1 2 3 4 5 6 7 8 9 10	20.5 22.5 23.0 22.0 21.0 19.0 18.5 20.0 23.0 25.5	JUNE 17.5 20.0 21.0 20.5 19.0 16.5 15.5 17.5 21.5 23.5 23.5	19.0 21.0 22.0 21.5 20.0	23.5 24.5 24.5 25.5 26.0 25.5 25.0 25.0 25.5 27.0	JULY 21.0 21.5 22.5 23.0 23.5 23.5 23.0 22.0 22.0 24.0 24.5 23.5	22.0 23.0 23.5 24.0 25.0 24.5 24.0 23.5 23.5 23.5 25.0	25.5 25.0 23.5 22.5 23.0 22.5 23.0 25.0 26.0 27.5	23.5 23.0 22.5 22.0 21.0 21.0 22.0 24.0 25.0 24.5 23.5	24.5 24.0 23.0 22.0 22.0 21.5 22.0 23.5 25.0 26.0	26.5 26.5 26.5 27.0 25.0 23.0 22.5 22.5 24.5 25.0	24.0 25.0 25.0 24.5 22.0 20.0 19.0 19.5 20.5 22.0	25.0 25.5 25.5 25.5 23.5 21.0 21.0 22.5 23.5 23.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	20.5 22.5 23.0 22.0 21.0 19.0 18.5 20.0 23.0 25.5 27.5 26.5 23.5 20.0	JUNE 17.5 20.0 21.0 20.5 19.0 16.5 15.5 17.5 21.5 23.5 20.0 18.0 17.5 18.5	19.0 21.0 22.0 21.5 20.0 17.5 17.0 19.0 21.0 23.5 25.5 25.5 21.5 19.0 18.0	23.5 24.5 24.5 25.5 26.0 25.5 25.0 25.0 25.5 27.0 27.0 26.5 26.0	JULY 21.0 21.5 22.5 23.0 23.5 23.5 23.0 22.0 22.0 24.0 24.5 23.5 23.5	22.0 23.0 23.5 24.0 25.0 24.5 24.5 23.5 23.5 25.0 25.0	25.5 25.0 23.5 22.5 23.0 22.5 23.0 25.0 26.0 27.5 26.0 25.0 25.0 25.0	23.5 23.0 22.5 22.0 21.0 21.0 21.0 22.0 24.0 25.0 24.5 23.5 22.5 21.0 20.5	24.5 24.0 23.0 22.0 22.0 21.5 22.0 23.5 25.0 26.0 25.5 24.0 23.0 23.0	26.5 26.5 26.5 27.0 25.0 23.0 22.5 24.5 25.0 24.5 25.5 25.5 25.5 25.5 22.5	24.0 25.0 25.0 24.5 22.0 20.0 19.0 19.5 20.5 22.0 22.5 23.0 23.5 21.5 21.0	25.0 25.5 25.5 25.5 23.5 21.0 21.0 22.5 23.5 24.0 24.5 22.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	20.5 22.5 23.0 22.0 21.0 19.0 18.5 20.0 23.0 25.5 27.5 26.5 20.0 18.5	JUNE 17.5 20.0 21.0 20.5 19.0 16.5 15.5 17.5 21.5 23.5 20.0 18.0 17.5 18.5 20.5 20.0 21.5	19.0 21.0 22.0 21.5 20.0 17.5 17.0 19.0 21.0 23.5 25.5 25.5 21.5 19.0 18.0	23.5 24.5 24.5 25.5 26.0 25.5 25.0 25.5 27.0 26.5 26.0	JULY 21.0 21.5 22.5 23.0 23.5 23.5 23.0 22.0 24.0 24.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23	22.0 23.0 23.5 24.0 25.0 24.5 24.0 23.5 23.5 25.0 25.0 25.0	25.5 25.0 23.5 22.5 23.0 25.0 25.0 25.0 23.5 22.5 23.5 25.0 25.0	23.5 23.0 22.5 22.0 21.0 21.0 21.0 25.0 24.0 25.0 24.5 23.5 22.5 21.0 20.5	24.5 24.0 23.0 22.0 22.0 21.5 22.0 23.5 25.0 26.0 23.0 21.5 22.0 23.0 23.0 23.0 23.0 23.0	26.5 26.5 26.5 27.0 25.0 23.0 22.5 24.5 25.0 24.5 25.5 25.5 25.5 25.5 22.5	24.0 25.0 25.0 24.5 22.0 20.0 19.0 19.5 20.5 22.0 23.5 21.5 21.0	25.0 25.5 25.5 25.5 23.5 21.0 21.0 22.5 23.5 24.0 24.5 22.5 22.0 20.0 19.0 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	20.5 22.5 22.0 21.0 19.0 18.5 20.0 23.0 25.5 27.5 26.5 20.0 18.5 21.0 24.0 23.5 23.5 23.5 24.0 24.5	JUNE 17.5 20.0 21.0 20.5 19.0 16.5 15.5 17.5 21.5 23.5 20.0 17.5 18.5 20.0 21.5 20.0 21.5 22.0 23.0 23.0 23.0	19.0 21.0 22.0 21.5 20.0 17.5 17.0 19.0 21.0 23.5 25.5 25.5 21.5 19.0 18.0 19.5 22.0 	23.5 24.5 24.5 25.5 26.0 25.5 27.0 26.5 26.0 27.0 26.5 26.0 27.0 26.5 26.0 27.0 27.0 28.5 28.0 29.0 29.0 29.0 29.0 29.0 29.0 29.0 29	JULY 21.0 21.5 23.0 23.5 23.5 23.0 22.0 24.0 24.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23	22.0 23.0 23.5 24.0 25.0 24.5 24.5 23.5 25.0 25.0 25.5 25.0 25.5 22.0 23.5 22.0	25.5 23.5 22.5 23.0 22.5 23.0 25.0 26.0 27.5 26.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25	23.5 23.0 22.5 22.0 21.0 21.0 21.0 25.0 24.0 25.0 24.5 23.5 22.5 21.0 20.5	24.5 24.0 23.0 22.0 22.0 21.5 22.0 26.0 25.5 24.0 23.5 22.0 24.0 23.5 22.0 24.0 23.5 22.0	26.5 26.5 26.5 27.0 25.0 23.0 22.5 24.5 25.0 24.5 25.5 25.5 23.5 22.5 20.5 20.5 20.5 20.5	24.0 25.0 24.5 22.0 20.0 19.0 19.5 20.5 22.0 23.5 21.5 21.0 19.0 17.5 18.5 18.5	25.0 25.5 25.5 25.5 23.5 21.0 21.0 22.5 23.5 24.0 24.5 22.5 22.0 20.0 19.0 19.0 19.0 19.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30	20.5 22.5 22.0 21.0 19.0 18.5 20.0 23.0 25.5 27.5 26.5 23.5 20.0 18.5 21.0 24.0 24.0 24.0 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5	JUNE 17.5 20.0 21.0 20.5 19.0 16.5 15.5 17.5 21.5 23.5 20.0 18.0 17.5 18.5 20.5 20.0 21.5 22.0 21.5 22.0 23.0 21.5 21.5 21.5	19.0 21.0 21.5 20.0 21.5 20.0 17.5 17.0 19.0 21.0 23.5 25.5 21.5 19.0 18.0 19.5 22.0 21.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5	23.5 24.5 24.5 25.5 26.0 25.5 27.0 25.5 27.0 26.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 25.5 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0	JULY 21.0 21.5 23.0 23.5 23.5 23.0 22.0 24.0 24.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23	22.0 23.0 23.5 24.0 25.0 24.5 23.5 23.5 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25	25.5 23.5 22.5 23.0 22.5 23.0 25.0 26.0 27.5 26.0 23.5 22.5 23.5 22.5 23.5 22.5 23.5 22.5 23.5 22.5 23.5 22.5 23.5 24.0 24.5 24.5 24.5 24.5	23.5 23.0 21.0 21.0 21.0 21.0 25.0 24.5 23.5 22.5 22.5 22.5 21.0 20.5 22.5 21.0 20.5 22.5 21.0 20.0 21.5 22.5 21.0 20.0 21.5 21.0 20.0 21.5 21.0 20.0 21.5 21.0 21.0 21.0	24.5 24.0 23.0 22.0 21.5 22.0 23.5 25.0 26.0 25.5 24.0 23.5 22.0 24.0 23.5 22.0 23.5 22.0 23.5 22.0 23.5 23.0 23.5 23.0 23.5 23.5 23.5 23.5 23.5 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5	26.5 26.5 26.5 27.0 25.0 23.0 22.5 24.5 25.0 24.5 25.5 25.5 23.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20	24.0 25.0 25.0 24.5 22.0 20.0 19.0 19.5 20.5 22.0 23.5 21.0 19.0 17.5 17.5 18.5 18.5 18.5 18.5 18.5 17.0	25.0 25.5 25.5 25.5 23.5 21.0 21.0 22.5 23.5 24.0 24.5 22.5 22.0 20.0 19.0

01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER	!		JANUARY	?
1												
2 3												
4												
5												
6												
7 8												
9												
10												
11												
12 13												
14												
15												
16												
17 18												
19												
20												
21												
22 23												
23												
25												
26												
27 28												
29												
30 31												
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN FEBRUAR		MAX	MIN MARCH	MEAN	MAX	MIN APRIL	MEAN	MAX	MIN MAY	MEAN
1		FEBRUAR	Y 		MARCH			APRIL			MAY	
1 2		FEBRUAR	Y 		MARCH			APRIL			MAY 	
1		FEBRUAR	Y 		MARCH			APRIL			MAY	
1 2 3		FEBRUAR	 	 	MARCH			APRIL 		 10.4	MAY 8.4	 9.4
1 2 3 4 5	 	FEBRUAR:	 	 	MARCH 	 	 9.5 10.4	APRIL 8.8 9.1 10.2	 9.1 9.8	10.4 10.3 10.1	MAY 8.4 8.1 7.7	 9.4 9.3 8.8
1 2 3 4 5		FEBRUAR!	 	=== === === ===	MARCH	 	 9.5 10.4 10.9	APRIL 8.8 9.1 10.2 9.8	 9.1 9.8 10.5	10.4 10.3 10.1	MAY 8.4 8.1 7.7 7.5 7.0	9.4 9.3 8.8 8.8
1 2 3 4 5		FEBRUAR!	 		MARCH		 9.5 10.4	APRIL 8.8 9.1 10.2	 9.1 9.8	10.4 10.3 10.1	MAY 8.4 8.1 7.7	 9.4 9.3 8.8
1 2 3 4 5		FEBRUAR	 	=== === === ===	MARCH		9.5 10.4 10.9 10.9	APRIL 8.8 9.1 10.2 9.8 9.7	9.1 9.8 10.5 10.3	10.4 10.3 10.1 10.4 10.4	MAY 8.4 8.1 7.7 7.5 7.0 6.7	9.4 9.3 8.8 8.8 8.7
1 2 3 4 5 6 7 8 9 10		FEBRUAR:	 	 	MARCH		 9.5 10.4 10.9 10.9 10.7 10.8	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3	9.1 9.8 10.5 10.3 10.1 9.9 10.7	10.4 10.3 10.1 10.4 10.4 10.9	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3	9.4 9.3 8.8 8.8 8.7 8.8
1 2 3 4 5 6 7 8 9 10		FEBRUAR:	 		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.3	9.1 9.8 10.5 10.3 10.1 9.9 10.7	10.4 10.3 10.1 10.4 10.9 10.8	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3	9.4 9.3 8.8 8.8 8.7 8.8
1 2 3 4 5 6 7 8 9 10		FEBRUAR:			MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3	9.1 9.8 10.5 10.3 10.1 9.9 10.7	10.4 10.3 10.1 10.4 10.9 10.8	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3	9.4 9.3 8.8 8.8 8.7 8.8 8.6
1 2 3 4 5 6 7 8 9 10 11 12 13		FEBRUAR:	 		MARCH		 9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.3 10.5	9.1 9.8 10.5 10.3 10.1 9.9 10.7	10.4 10.3 10.1 10.4 10.9 10.8	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3	9.4 9.3 8.8 8.8 8.7 8.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.3 10.5 10.0 9.7	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 10.3	10.4 10.3 10.1 10.4 10.9 10.8 	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2	9.4 9.3 8.8 8.7 8.8 8.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 11.1 10.9 10.3	10.4 10.3 10.1 10.4 10.9 10.8 	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4	 9.4 9.3 8.8 8.7 8.8 8.6 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.3 10.5 10.0 9.7	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 10.3	10.4 10.3 10.1 10.4 10.9 10.8 	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2	9.4 9.3 8.8 8.7 8.8 8.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 11.1 10.9 10.3	10.4 10.3 10.1 10.4 10.9 10.8 8.1 8.0 7.7	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2	 9.4 9.3 8.8 8.7 8.8 8.6 7.7 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.9 9.5	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 10.3 10.0 8.9 9.6 10.5 10.1	10.4 10.3 10.1 10.4 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2 6.9 7.1	 9.4 9.3 8.8 8.7 8.8 8.6 7.7 7.7 7.7 7.7 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.9 9.5	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 11.1 10.9 9.6 10.5 10.1	10.4 10.3 10.1 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2 6.9 7.1 8.4 8.4	 9.4 9.3 8.8 8.7 8.8 8.6 7.7 7.4 7.0 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.9 9.5	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 10.3 10.0 8.9 9.6 10.5 10.1	10.4 10.3 10.1 10.4 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2 6.9 7.1	 9.4 9.3 8.8 8.7 8.8 8.6 7.7 7.7 7.7 7.7 7.7
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.9 9.5	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 11.1 10.9 10.3 10.0 8.9 9.6 10.5	10.4 10.3 10.1 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4 8.6 8.6 8.5	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2 6.9 7.1 8.4 8.4 8.2	7.7 7.7 7.7 8.5 8.5 8.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.9 9.5 8.5 9.0 9.5 9.9	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 11.1 10.9 10.3 10.0 8.9 9.6 10.5 10.1	10.4 10.3 10.1 10.4 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4 8.6 8.6 8.5 8.3 7.8	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2 6.9 7.1 8.4 8.4 8.2 7.7 7.6	7.7 7.7 7.7 7.7 8.5 8.6 8.6 8.6 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.5 8.5 9.0 9.5 9.5 9.6 9.7	9.1 9.8 10.5 10.3 10.7 10.7 10.9 10.3 10.0 8.9 9.6 10.5 10.1 8.9 9.2 10.0 10.2 9.8	10.4 10.3 10.1 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4 8.6 8.5 8.5 7.8	MAY 8.4 8.1 7.7 7.5 7.0 6.3 7.2 7.4 7.2 6.9 7.1 8.4 8.2 7.7 7.6 7.8	7.7 7.7 7.7 7.7 7.7 8.5 8.6 8.6 8.6 7.7 8.5 8.6 8.6 8.6 8.6 8.7 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.9 9.5 8.5 9.0 9.5 9.9	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 11.1 10.9 10.3 10.0 8.9 9.6 10.5 10.1	10.4 10.3 10.1 10.4 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4 8.6 8.6 8.5 8.3 7.8	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2 6.9 7.1 8.4 8.4 8.2 7.7 7.6	7.7 7.7 7.7 7.7 8.5 8.6 8.6 8.6 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.5 8.5 9.0 9.5 9.8 9.3 9.4 9.2 9.3	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 10.3 10.0 8.9 9.6 10.5 10.1 8.9 9.2 10.0 10.2 9.8 9.9 9.7 9.8	10.4 10.3 10.1 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4 8.6 8.5 8.3 7.8	MAY 8.4 8.1 7.7 7.5 7.0 6.3 7.2 7.4 7.2 7.1 8.4 8.2 7.7 7.6 7.8 7.9 8.1	7.7 7.7 7.7 7.7 8.5 8.6 8.7 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.7 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUAR:	Y		MARCH		9.5 10.4 10.9 10.9 10.7 10.8 11.4 11.1 11.8 11.9 12.0 10.9 11.1 9.4 10.2 11.2 10.7 10.7 10.7 10.7	APRIL 8.8 9.1 10.2 9.8 9.7 8.8 10.2 10.3 10.5 10.0 9.7 9.3 8.5 9.0 9.9 9.5 8.5 9.0 9.5 9.5 9.0 9.5 9.3	9.1 9.8 10.5 10.3 10.1 9.9 10.7 10.7 10.9 11.1 10.9 10.3 10.0 8.9 9.6 10.5 10.1 8.9 9.2 10.0 10.2 9.8	10.4 10.3 10.1 10.4 10.9 10.8 8.1 8.0 7.7 7.2 8.4 8.6 8.6 8.5 8.3 7.8	MAY 8.4 8.1 7.7 7.5 7.0 6.7 6.3 7.2 7.4 7.2 6.9 7.1 8.4 8.4 8.2 7.7 7.6 7.8 7.8 7.8 7.9 8.1	7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7

01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		2	SEPTEMBE	R
1 2 3 4 5	8.2 7.8 7.9 8.2 8.5	7.5 6.9 6.5 6.8 7.1	7.9 7.3 7.2 7.4 7.8	8.0 8.2 8.0 8.0	7.7 7.6 7.4 7.2 7.1	7.8 7.8 7.6 7.6	 			9.9 8.9 8.3 8.5 8.6	5.7 5.8 5.7 5.8 6.3	7.6 7.2 6.8 7.0 7.4
6 7 8 9	8.1 8.1 8.6 8.5	7.4 7.3 7.8 7.4	7.6 7.7 8.1 7.9	8.6 8.6 9.0 9.0 8.9	7.2 7.2 7.5 7.5 7.0	7.8 7.9 8.2 8.2 7.9	7.4 7.0 7.0	 6.7 6.4 6.0	7.1 6.7 6.5	8.8 8.7 8.5 8.4	6.9 7.2 6.6 6.5	7.8 7.9 7.5 7.4
11 12 13 14 15				 	 	 	7.2 7.3 	6.2 6.4 	6.6 6.8 	 	 	
16 17 18 19 20	7.5 7.9	7.1 7.3	7.3 7.6	 8.0	 6.1	 7.0	 			 		
21 22 23 24 25	8.1 7.5 7.3 8.3 8.5	7.0 6.4 6.6 7.2 7.4	7.4 6.8 6.9 7.7 7.9	8.0 7.8 8.1 7.5 8.3	6.1 6.0 5.9 6.1 6.5	7.0 6.8 6.9 6.8 7.3	9.7 10.1 9.3 8.6 10.2	7.6 7.6 7.5 7.6 7.5	8.6 8.8 8.4 8.1 9.0	 		
26 27 28 29 30 31	7.7 7.9 8.6	6.7 7.6 	7.3 7.7 7.5	7.5 9.0	6.5 6.6 5.9	6.9 7.5	10.7 11.1 10.1 9.5 10.2 9.5	7.2 7.0 6.8 6.9 6.2 6.1	8.8 8.9 8.4 8.1 8.0 7.8	9.9	 5.7	 7.4

01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA--Continued

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)		SAMPLE LOC- ATION, CROSS SECTION (FT FM R BK) (72103)	SAM- PLING DEPTH (FEET) (00003)
AUG							
29	1352 1353 1355 1359 1400 1403 1404 1406 1408 1411 1413 1416 1418 1425	8.4 8.8 8.9 8.7 8.8 8.7 8.3 9.0 8.9 9.1 9.5 9.8	8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.2 8.2 8.2 8.2 8.2	458 457 457 457 456 457 456 456 456 451 451 459	23.7 23.8 23.8 23.8 23.8 23.7 23.8 23.8 23.8 23.8 23.8 23.8 23.8 23.8	20 20 50 70 70 90 90 120 120 150 180 180 210	.5 5.0 5.5 5.0 5.5 5.0 5.0 5.0 5.0 5.0 5
29 29	1431 1432	10.2 10.3	8.4 8.4	467 470	24.1 24.2	240 240	.5 5.0