578 TENNESSEE RIVER BASIN

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD. -- Water years 1997 to current year.

PERIOD OF DAILY RECORD. --

WATER TEMPERATURE: Water years 1997 to current year.

DISSOLVED OXYGEN: Water years 1997 to current year.

INSTRUMENTATION. -- Water-quality monitor since May 1997.

REMARKS.--Interruptions in the data are due to malfunctions of the monitor. Data were collected during the current year for the months of October, November 2001, May through September 2002.

EXTREMES FOR PERIOD OF RECORD. --

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
WATER TEMPERATURE, °C	24.9, August 14, 2002	6.8, June 2, 2001
DISSOLVED OXYGEN, mg/L	12.0, June 14, 2001	3.1, November 1, 1998

EXTREMES FOR CURRENT YEAR. --

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
WATER TEMPERATURE, °C	24.9, August 14	10.8, November 7
DISSOLVED OXYGEN, mg/L	11.0, November 4	4.3, July 4, August 17

		WATER 1	TEMPERATURE,	DEGREES	CELSIUS,	WATER	YEAR	OCTOBER	2001	TO SEPTEMBER	2002		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN		MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBE	ER	NO	OVEMBER			DEC	EMBER			JANUARY	
1	16.0	15.6	16.0	10 1	11 2	11.7							
1 2	16.8 16.9	15.6 15.9	16.2 16.3	12.1 12.5	11.3 11.5	11.7							
	16.9	15.9	16.3	12.5	11.5								
3						11.9 11.7							
4	16.7	15.6	16.1	12.1	11.3								
5	16.9	15.6	16.3	12.0	11.2	11.6							
6	16.8	15.9	16.5	12.0	10.9	11.5							
7	16.1	15.1	15.6										
8	16.4	15.0	15.7										
9	16.4	14.9	15.7										
10	15.6	14.8	15.2										
11	15.7	14.8	15.2										
12	15.9	15.1	15.4										
13	16.1	15.4	15.4										
14	15.9	15.4	15.7										
15	15.9	15.3	15.7										
15	15.9	15.3	15.6										
16	15.6	14.8	15.3										
17	15.9	14.3	14.9										
18	15.9	14.1	14.9										
19	14.6	13.5	14.1										
20	14.0	13.2	13.6										
21	14.0	13.2	13.5										
22	14.0	13.2	13.6										
23	14.2	13.5	13.8										
24	14.5	13.7	14.0										
25	14.4	13.8	14.2										
23	14.4	13.0	14.2										
26	14.1	13.0	13.6										
27	13.0	12.4	12.6										
28	13.6	12.3	12.7										
29	13.4	11.9	12.5										
30	12.6	11.3	12.0										
31	12.4	11.3	11.9										
MONTH	16.9	11.3	14.7										

579 TENNESSEE RIVER BASIN

> 03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC--Continued WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN									
2111		FEBRUARY			MARCH	111111		APRIL			MAY	
1 2												
3										16.7	15.0	15.8
4 5										16.1 16.2	14.7 15.7	15.5 16.0
6										16.3	14.1	15.6
7										16.5	14.1	15.0
8										16.8	15.2	16.2
9 10										17.1 17.1	15.9 16.3	16.6 16.7
11										17.5	16.2	16.9
12										18.6	16.9	17.4
13										17.9	17.1	17.5
14 15										17.7 17.6	15.2 15.3	16.5 16.7
16										17.5	15.7	16.9
17										17.5	16.2	16.8
18										17.3	14.9	15.9
19 20										16.8 16.9	14.3 13.4	15.3 15.3
21 22										16.0 15.8	13.9 12.9	15.2 14.4
23										15.6	13.0	14.5
24										15.9	13.7	15.0
25										16.1	14.6	15.5
26										16.4	15.2	15.7
27 28										16.0 16.6	15.2 15.4	15.7 16.0
29										16.9	15.6	16.3
30 31										17.4 17.8	16.0 16.4	16.7 17.1
MONTEL												
MONTH												
DAY	MAX	MIN	MEAN									
		JUNE			JULY			AUGUST			SEPTEMBE	R.
1 2	18.9 18.6	16.7 17.3	17.3 17.8	22.4 22.4	21.0 21.4	21.7 21.8	24.2 24.4	22.6 22.7	23.3 23.5	23.6 23.5	22.1 22.2	22.8
3	18.8	17.1	17.8	22.4	21.1	21.7	24.4	22.6	23.3	23.7	22.4	23.0
4	18.8	17.1	18.0	22.8	21.1	21.8	24.6	22.9	23.6	23.8	22.5	23.2
5	19.1	17.6	18.2	22.8	21.5	22.1	24.6	22.7	23.5	23.8	22.5	23.1
6	19.1	17.5	18.6	23.4	21.9	22.4	24.0	22.9	23.4	23.8	22.6	23.1
7 8	19.9 19.2	18.3 18.0	18.9 18.5	23.6 23.7	21.8 21.6	22.5 22.5	24.0 24.2	22.6 22.7	23.4 23.5	23.8 23.8	22.4 22.4	23.0
9	19.8	18.2	19.0	23.1	21.9	22.4	24.5	22.8	23.6	23.8	22.4	22.9
10	20.4	18.5	19.3	22.8	21.9	22.4	24.3	22.8	23.6	23.8	22.0	22.7
11	20.2	18.6	19.3	22.8	21.1	21.8	24.5	23.3	23.8	23.1	22.2	22.7
12 13	20.6 20.6	18.9 19.3	19.7 20.2	22.4 22.1	20.6 21.0	21.4 21.5	24.6 24.3	23.1 23.0	23.7 23.6	23.4 23.0	21.9 22.2	22.6 22.7
14	20.5	19.7	20.1	22.1	21.0	21.4	24.9	23.2	23.9	22.9	22.3	22.7
15	20.8	19.4	20.1	22.3	20.6	21.3	24.4	23.0	23.6	22.6	22.0	22.3
16	20.8	19.4	20.0	22.9	20.9	21.7	24.2	23.1	23.5	22.8	22.0	22.3
17	21.2	19.2	20.2	22.8	21.4	21.9	24.0	23.1	23.5	22.6	21.8	22.1
18 19	20.9 21.3	19.6 19.9	20.2 20.5	22.8 22.9	21.7 21.5	22.1 22.0	24.7	23.2	23.8	22.4 22.8	21.8 21.6	22.0 22.1
20	21.5	20.1	20.7	23.0	21.6	22.1				22.6	21.8	22.1
21	22.1	20.1	21.0	23.6	21.6	22.6	24.5	23.0	23.7	22.2	21.6	21.9
22	21.7	19.8	20.7	23.1	21.8	22.2				21.6	20.5	21.3
23 24	23.4 22.1	20.8 20.9	21.8 21.5	23.0 23.3	21.4 21.6	22.2 22.3	24.7 24.2	23.2 23.3	23.8 23.7	21.2 21.6	20.1 20.7	20.6 21.1
25	21.9	20.6	21.1	22.8	21.6	22.3	24.2	23.4	23.8			
26	22.1	21.0	21.4	22.7	21.3	22.1	24.0	21.9	23.2			
27	22.2	20.9	21.5	23.4	21.8	22.5	23.8	21.7	22.7	20.7	19.4	20.1
28	22.3	21.1	21.6	23.7	22.2	22.8	23.3	21.3	22.3	19.7	18.6	19.0
29 30	22.4 23.3	20.9 21.4	21.4 22.2	24.0	22.1	23.0	23.1 23.0	21.8 21.8	22.5 22.4	18.7 18.9	18.2 18.4	18.5 18.7
31							23.3	21.9	22.6			
MONTH	23.4	16.7	20.0									

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

December November December Lancidary Lancida	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
2 8.9 8 22 8.4 120.9 9.7 10.1			OCTOBER		No	OVEMBER		DI	ECEMBER			JANUARY	•
2 8.9 8.2 8.4 8.10.9 9.7 10.1	1	9.2	8.2	8.5	10.8	9.6	10.1						
## 8.8 8.0 8.4 11.0 9.6 10.1	2						10.1						
S													
C													
7 9.5 8.3 8.8	5	9.4	7.6	8.3									
8 9.5 7.7 8.6													
9 9.0 7.7 8.4 8.9													
10 9.7 8.4 8.9													
11													
12 9.4 8.0 8.6	10	5.7	0.1	0.5									
13 9.1 7.6 8.5	11	9.6	8.4	8.9									
14													
15 8.7 7.7 8.0													
16													
18	15	8.7	/./	8.0									
188	16												
19	17												
20													
21													
223	20												
23													
24													
25													
26 9.8 8.8 9.3													
27 10.5 9.3 9.8													
28 10.6 9.0 9.7													
29 10.6 8.9 9.8													
30 10.5 9.1 9.8													
MONTH													
DAY MAX MIN MEAN													
DAY MAX MIN MEAN	MONTH												
Tebruary March April May													
1													
2	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
2	DAY						MEAN			MEAN	MAX		MEAN
11			FEBRUARY			MARCH			APRIL			MAY	
4	1		FEBRUARY			MARCH			APRIL			MAY	
6 9.6 8.4 9.0 77 9.2 8.4 8.9 8 8 9.2 8.3 8.8 8 9 9.0 8.1 8.6 10 9.0 8.1 8.6 10 8.8 8.1 8.6 11 9.5 8.3 8.8 8.1 8.6 11 9.5 8.3 8.8 8.1 8.6 11 9.5 8.3 8.8 8.1 8.6 11 9.5 8.3 8.8 8.1 8.6 11 9.5 8.3 8.8 8.1 8.6 11 9.5 8.3 8.8 8.1 8.6 11 9.5 8.2 8.9 12 9.7 8.2 8.9 8.3 8.7 13 9.7 8.2 8.9 15 9.7 8.2 8.9 15 9.7 8.2 8.9 15 9.7 8.2 8.9 8.7 16 9.7 8.2 8.9 8.7 16 9.7 8.2 8.9 8.7 16 16 9.7 8.2 8.9 8.7 16 16 9.7 8.8 8.0 8.4 17 9.2 8.0 8.6 8.9 8.9 19 9.3 8.0 8.8 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9	1 2		FEBRUARY			MARCH			APRIL			MAY 	
7 9.2 8.4 8.9 8 9.0 8.1 8.6 10 9.0 8.1 8.6 11 9.5 8.3 8.8 12 9.3 8.3 8.7 13 9.3 8.2 8.3 14 9.7 8.2 8.9 15 9.7 8.2 8.9 15 9.2 8.0 8.6 16 9.2 8.0 8.4 17 9.2 8.0 8.6 18 9.3 8.0 8.8 19 <	1 2 3	 	FEBRUARY	 		MARCH		 	APRIL	 	 9.4	MAY 8.3	 9.1
8 9.2 8.3 8.8 9 9.0 8.1 8.6 11 9.5 8.3 8.8 12 9.3 8.3 8.7 13 9.7 8.2 8.9 15 9.7 8.2 8.9 16 9.2 8.0 8.7 16 9.2 8.0 8.7 18 9.2 8.0 8.6 19 9.2 8.0 8.6 19 9.3 8.0 8.8 19 9.3 8.6 8.9 21 <	1 2 3 4	 	FEBRUARY 	 		MARCH	 		APRIL		 9.4 9.6	MAY 8.3 8.7	 9.1 9.3
9	1 2 3 4 5		FEBRUARY		 	MARCH		 	APRIL		 9.4 9.6 9.1	MAY 8.3 8.7 8.6	9.1 9.3 8.8
10 9.5 8.3 8.8 12 9.3 8.3 8.7 13 8.5 8.2 8.3 14 8.5 8.2 8.9 15 9.7 8.2 8.9 16 9.2 8.0 8.7 16 9.2 8.0 8.4 17 9.2 8.0 8.6 18 9.2 8.0 8.6 19 9.2 8.0 8.6 19 9.3 8.6 8.9 21	1 2 3 4 5		FEBRUARY	 	 	MARCH	 		APRIL		9.4 9.6 9.1	MAY 8.3 8.7 8.6	9.1 9.3 8.8 9.0 8.9
11 9.5 8.3 8.8 12 9.3 8.3 8.7 13 8.5 8.2 8.3 14 9.7 8.2 8.9 15 9.2 8.0 8.7 16 9.2 8.0 8.4 18 9.2 8.0 8.6 18 9.3 8.6 8.9 20 9.4 8.2 8.9 21 9.4 8.2 8.9 22 9.3 8.6 8.9 23 9.4 8.2 8.9 24 9.8 8.4 9.1 25	1 2 3 4 5 6 7 8		FEBRUARY			MARCH		 	APRIL		9.4 9.6 9.1 9.6 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3	9.1 9.3 8.8 9.0 8.9 8.8
12 9.3 8.3 8.7 13 8.5 8.2 8.3 14 9.7 8.2 8.9 15 9.2 8.0 8.7 16 9.2 8.0 8.4 17 9.2 8.0 8.6 18 9.3 8.0 8.8 19 9.3 8.0 8.8 19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 9.8 8.6 9.2 24	1 2 3 4 5 6 7 8 9		FEBRUARY		 	MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1	9.1 9.3 8.8 9.0 8.9 8.8 8.6
12 9.3 8.3 8.7 13 8.5 8.2 8.3 14 9.7 8.2 8.9 15 9.2 8.0 8.7 16 9.2 8.0 8.4 17 9.2 8.0 8.6 18 9.3 8.0 8.8 19 9.3 8.0 8.8 19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 9.8 8.6 9.2 24	1 2 3 4 5 6 7 8 9		FEBRUARY		 	MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1	9.1 9.3 8.8 9.0 8.9 8.8 8.6
14 9.7 8.2 8.9 15 9.2 8.0 8.7 16 9.2 8.0 8.7 16 9.2 8.0 8.6 18 9.3 8.0 8.6 18 9.3 8.0 8.8 19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.4 8.2 8.9 22 9.8 8.6 9.3 23 9.8 8.6 9.3 24 9.8 8.6 9.2 25 9.8 8.4 9.1 25 9.8 8.4 9.1 26 9.8 8.4 9.1 27 9.8 8.4 9.1 28 9.8 8.4 9.1 29 9.8 8.4 9.1 20 9.8 8.4 9.1 21 9.8 8.4 9.1 22 9.8 8.4 9.1 23 9.8 8.4 9.1 25 9.8 8.4 9.1 26 9.8 8.4 9.1 27 9.8 8.4 9.1 28 9.8 8.7 9.0 29 9.9 7.7 8.8 27 9.9 7.7 8.8 27 9.9 7.7 9.8 28 9.9 7.7 9.8 29 9.9 7.7 9.8 30 9.9 7.7 9.8 30 9.9 7.7 9.8 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9		FEBRUARY		 	MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1	9.1 9.3 8.8 9.0 8.9 8.8 8.6
15 9.2 8.0 8.7 16 8.8 8.0 8.4 17 9.2 8.0 8.6 18 9.3 8.0 8.8 19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 9.3 8.6 8.9 23 9.8 8.6 9.2 24 9.8 8.6 9.2 24 9.8 8.4 9.1 25 9.5	1 2 3 4 5 6 7 8 9 10		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.6
16 8.8 8.0 8.4 17 9.2 8.0 8.6 18 9.3 8.0 8.8 19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 10.0 8.6 9.3 23 10.0 8.6 9.3 24 9.8 8.6 9.2 24 9.8 8.4 9.1 25 9.8 8.4 9.2 26 9.7 8.7 9.0 28	1 2 3 4 5 6 7 8 9 10 11 12 13		FEBRUARY		 	MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5	MAY 8.3 8.7 8.6 8.4 8.3 8.1 8.3 8.1 8.3	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.6
17 9.2 8.0 8.6 18 9.3 8.0 8.8 19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 9.3 8.6 8.9 23 10.0 8.6 9.3 23 9.8 8.6 9.2 24 9.8 8.4 9.1 25 9.8 8.4 9.1 26 9.5 7.7 8.8 27 9.7 7.9 8.9 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5 9.3 8.5	MAY 8.3 8.7 8.6 8.4 8.3 8.1 8.1 8.3 8.2 8.2	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.6 8.7 8.8
17 9.2 8.0 8.6 18 9.3 8.0 8.8 19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 9.3 8.6 8.9 23 10.0 8.6 9.3 23 9.8 8.6 9.2 24 9.8 8.4 9.1 25 9.8 8.4 9.1 26 9.5 7.7 8.8 27 9.7 7.9 8.9 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5 9.3 8.5	MAY 8.3 8.7 8.6 8.4 8.3 8.1 8.1 8.3 8.2 8.2	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.6 8.7 8.8
19 9.6 8.4 9.1 20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 10.0 8.6 9.3 23 9.8 8.6 9.2 24 9.8 8.4 9.1 25 9.8 8.4 9.1 26 9.5 7.7 8.8 27 9.7 8.7 9.0 28 9.6 7.9 8.9 29 9.7 7.9 8.8 30 9.5 8.2	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5 9.3 8.5 9.7	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.3 8.1 8.3 8.2 8.2 8.0	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.6 8.7 8.3 8.9
20 9.4 8.2 8.9 21 9.3 8.6 8.9 22 10.0 8.6 9.3 23 9.8 8.6 9.2 24 9.8 8.4 9.1 25 10.0 8.4 8.9 26 10.0 8.4 8.9 27 9.5 7.7 8.8 27 9.7 8.7 9.0 28 9.6 7.9 8.9 29 9.7 7.9 8.8 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.6 8.7 8.3
21 9.3 8.6 8.9 22 10.0 8.6 9.3 23 9.8 8.6 9.2 24 9.8 8.4 9.1 25 9.8 8.4 9.1 26 9.5 7.7 8.8 27 9.5 7.7 8.8 27 9.6 7.9 8.9 29 9.7 7.9 8.8 30 9.5 8.3 8.7 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.3 8.2 8.2 8.2 8.0 8.0 8.0 8.0	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.6 8.7 8.3 8.9 8.7
22 9.8 8.6 9.3 23 9.8 8.6 9.2 24 9.8 8.4 9.1 25 10.0 8.4 8.9 26 9.5 7.7 8.8 27 9.7 8.7 9.0 28 9.7 8.7 9.0 29 9.6 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.7 8.4 8.6 8.8 9.1
22 9.8 8.6 9.3 23 9.8 8.6 9.2 24 9.8 8.4 9.1 25 10.0 8.4 8.9 26 9.5 7.7 8.8 27 9.7 8.7 9.0 28 9.7 8.7 9.0 29 9.6 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.7 8.4 8.6 8.8 9.1
24 9.8 8.4 9.1 25 10.0 8.4 8.9 26 9.5 7.7 8.8 27 9.7 8.7 9.0 28 9.6 7.9 8.9 29 9.7 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.2 9.3 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.2 8.2 8.0 8.0 8.0 8.0 8.4 8.2	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.8 8.7 8.3 8.9 8.7 8.3
25 10.0 8.4 8.9 26 9.5 7.7 8.8 27 9.7 8.7 9.0 28 9.6 7.9 8.9 29 9.7 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.7 8.9 8.7 8.9 8.7
26 9.5 7.7 8.8 27 9.7 8.7 9.0 28 9.6 7.9 8.9 29 9.6 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.2 9.3 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.2 9.3 9.4 9.3	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.6 8.6 8.6	9.1 9.3 8.8 9.0 8.9 8.8 8.6 8.6 8.7 8.3 8.9 8.7 8.3 8.9 8.7 8.3 8.9 8.9
27 9.7 8.7 9.0 28 9.6 7.9 8.9 29 9.7 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.2 9.3 9.4 9.3	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.4 8.2	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.7 8.4 8.6 8.8 8.7 8.9 9.3 9.3 9.3
28 9.6 7.9 8.9 29 9.7 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	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		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.3 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.2 9.3 9.6 9.4 9.3	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.2 8.0 8.0 8.0 8.0 8.0 8.4 8.4 8.4 8.4	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.7 8.3 8.7 8.3 8.9 9.1 8.9
29 9.7 7.9 8.8 30 9.6 8.2 8.7 31 9.5 8.3 8.7	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		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.9 9.3 10.0 9.8 9.8 10.0	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.4 8.2 8.6 8.6 8.4 8.4 7.7	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.9 8.7 8.4 8.6 8.8 9.1 8.9 9.3 9.3 9.1 8.9
30 9.6 8.2 8.7 31 9.5 8.3 8.7	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 25 26 27		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.2 9.3 9.4 9.3 10.0 9.8 10.0 9.8 10.0	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.4 8.4 8.4 7.7 8.7	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.6 8.7 8.3 8.9 8.7 8.9 8.9 9.3 9.2 9.1 8.9
31 9.5 8.3 8.7	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		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.3 8.8 9.5 9.3 8.5 9.7 9.2 9.3 9.6 9.4 9.8 9.8 9.8 9.8	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.2 8.0 8.0 8.0 8.0 8.0 8.4 8.4 8.7 7.7	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.7 8.3 8.7 8.3 8.9 9.1 8.9 9.1 8.9 9.2 9.1 8.9
MONTH	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		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.2 9.3 10.0 9.8 9.8 10.0 9.8 9.8 9.9 9.8	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.4 8.2 8.6 8.6 8.4 8.4 7.7 7.9	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.7 8.3 8.7 8.4 8.6 8.8 9.1 8.9 9.3 9.3 9.1 8.9
	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		FEBRUARY			MARCH			APRIL		9.4 9.6 9.1 9.6 9.2 9.2 9.0 8.8 9.5 9.3 8.5 9.7 9.2 8.8 9.2 9.3 9.4 9.3 10.0 9.8 10.0 9.5 9.7 9.6 9.7 9.6	MAY 8.3 8.7 8.6 8.4 8.4 8.3 8.1 8.1 8.3 8.2 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	9.1 9.3 8.8 9.0 8.9 8.6 8.6 8.6 8.7 8.3 8.9 8.7 8.9 8.9 9.3 9.2 9.1 8.9 8.9

TENNESSEE RIVER BASIN 581

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY		P	AUGUST		\$	SEPTEMBE	R
1 2 3 4 5	9.1 9.2 8.6 8.8 7.6	8.0 7.8 7.7 7.3 7.0	8.4 8.4 8.0 7.7 7.4	9.9 10.0 9.5 7.0 7.7	5.9 4.6 4.7 4.3 5.3	8.1 8.2 7.0 5.7 6.3	8.0 8.4 8.2 8.3	5.9 6.7 5.9 6.5 6.6	6.8 7.3 6.8 7.1 7.2	6.8 7.0 6.6 7.3 7.0	5.8 5.3 5.0 5.7 5.2	6.2 6.0 5.7 6.4 6.1
6 7 8 9 10	8.0 8.3 7.7 8.2 8.2	7.0 6.8 6.6 6.3 6.4	7.4 7.6 7.0 7.3 7.2	8.0 8.1 8.3 7.5 7.0	5.2 5.4 6.1 5.3 5.4	6.6 6.9 7.0 6.3 6.4	7.5 7.7 7.7 7.7 7.5	5.8 5.5 5.1 5.9 5.0	6.6 6.3 6.1 6.6 6.0	7.4 7.7 8.0 8.0 8.1	6.1 6.4 6.5 6.3 5.6	6.6 6.9 7.1 6.9 6.5
11 12 13 14 15	8.4 8.2 8.3 7.6 7.9	6.3 6.1 6.2 6.6 6.2	7.0 6.9 7.0 7.0	8.4 8.3 7.7 8.5 8.3	5.9 7.2 6.1 7.2 7.2	7.3 7.7 7.1 7.7 7.7	7.5 7.6 7.2 6.9 6.8	5.4 5.4 4.7 5.0 5.5	6.2 6.2 5.7 5.8 6.0	7.7 8.4 6.8 6.2 6.3	6.2 5.8 5.2 5.4 5.5	6.7 6.7 5.9 5.8 5.9
16 17 18 19 20	8.2 8.3 8.3 8.7 8.8	6.8 7.2 7.0 7.0 7.0	7.4 7.6 7.4 7.5 7.6	8.3 8.5 8.5 8.1 8.4	6.4 6.5 6.9 6.3	7.2 7.2 7.2 7.5 7.2	6.7 6.3 6.6 	5.5 4.3 5.3 	5.9 5.4 5.8 	6.7 6.7 6.9 7.4 7.2	5.6 5.8 5.9 6.1 6.2	6.0 6.1 6.2 6.6 6.6
21 22 23 24 25	8.9 9.0 9.1 8.7 8.8	7.4 7.1 7.1 7.7 7.3	8.1 7.8 8.1 8.1 7.9	8.7 8.5 8.5 8.2 8.4	6.8 7.0 5.9 6.0 6.1	7.6 7.4 7.0 7.0	6.8 6.9 	5.7 5.6 	6.1 6.1 	7.1 7.6 8.9 10.5	6.3 6.7 7.2 7.6	6.7 7.2 7.7 8.3
26 27 28 29 30 31	8.6 8.5 8.2 8.5 7.6	7.1 6.7 7.3 6.5 5.7	7.7 7.5 7.8 7.3 6.9	8.8 8.4 8.4 7.8	6.5 6.3 7.0 6.4 	7.5 7.0 7.6 7.1	 6.8	 5.2	 5.9	8.3 8.7 8.3	8.0 8.2 8.0	8.1 8.4 8.1
MONTH	9.2	5.7	7.5									