

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC

LOCATION.--Lat 33°25'36'', long 79°55'50'', Berkeley County, Hydrologic Unit 03050201, at St. Stephens hydro-electric plant (COE), 1.0 mi from town of St. Stephens.

PERIOD OF RECORD.--Water years 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2000 to current year.

pH: November 2000 to current year.

WATER TEMPERATURE: November 2000 to current year.

DISSOLVED OXYGEN: November 2000 to current year.

INSTRUMENTATION.--Water quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated good except for Nov. 15 to Dec. 6, and Aug. 29 to Sep. 23, which are fair. pH records rated good except for Oct. 1-22 and Aug. 29 to Sep. 23, which are poor. Temperature records rated excellent. Dissolved oxygen records rated fair except for Oct. 10-22, Oct. 28 to Nov. 14, Feb. 5 to June 20, which are poor. Dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 380 microsiemens, May 21, 2003; minimum, 52 microsiemens, May 22, 2003.

pH: Maximum, 8.6 units, May 3, 2001; minimum, 5.4 units, Sep. 22, 23, 2003.

WATER TEMPERATURE: Maximum, 31.7°C, July 20, 2002; minimum, 3.5°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 15.6 mg/L, Jan. 9, 2002; minimum, 2.6 mg/L, Mar. 13, Aug. 26, 27, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 380 microsiemens, May 21; minimum, 52 microsiemens, May 22.

pH: Maximum, 8.3 units, Dec. 23; minimum, 5.4 units, Sep. 22, 23.

WATER TEMPERATURE: Maximum, 31.5°C, Aug. 31; minimum, 4.3°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Feb. 14-16; minimum, 4.1 mg/L, Oct. 13.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	200	135	150	---	---	---	161	142	153	138	136	137
2	180	125	147	---	---	---	198	143	161	139	136	137
3	190	134	162	---	---	---	162	144	152	139	137	138
4	208	134	167	---	---	---	162	144	153	137	133	135
5	190	135	160	---	---	---	191	136	153	136	134	135
6	163	134	152	---	---	---	156	146	153	137	136	137
7	200	135	151	---	---	---	293	152	190	---	---	---
8	170	133	143	---	---	---	219	152	162	---	---	---
9	170	133	144	---	---	---	198	151	158	---	---	---
10	160	132	146	---	---	---	201	151	158	---	---	---
11	233	104	153	---	---	---	180	150	154	---	---	---
12	160	95	128	---	---	---	158	150	151	---	---	---
13	177	95	128	---	---	---	163	149	151	---	---	---
14	140	122	132	---	---	---	157	149	150	---	---	---
15	149	121	133	---	---	---	155	146	149	---	---	---
16	148	130	138	169	144	155	147	146	146	---	---	---
17	157	130	141	170	152	157	147	146	147	---	---	---
18	157	130	146	196	136	155	148	147	148	---	---	---
19	156	129	141	196	137	159	152	148	149	---	---	---
20	165	129	145	189	137	154	153	148	148	---	---	---
21	165	129	146	155	138	149	154	145	147	---	---	---
22	---	---	---	156	138	148	147	144	144	---	---	---
23	---	---	---	156	138	150	153	143	144	---	---	---
24	---	---	---	157	139	150	149	142	144	---	---	---
25	---	---	---	157	139	148	144	142	143	---	---	---
26	---	---	---	158	140	150	144	142	143	---	---	---
27	---	---	---	166	140	151	144	143	144	---	---	---
28	---	---	---	176	141	152	144	143	144	---	---	---
29	---	---	---	159	141	149	143	141	142	---	---	---
30	---	---	---	169	141	153	142	137	140	---	---	---
31	---	---	---	---	---	---	138	136	137	---	---	---
MONTH	---	---	---	---	---	---	293	136	150	---	---	---

SANTÉE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	126	119	119	90	85	88	77	73	75
2	---	---	---	119	118	118	90	84	87	76	69	73
3	---	---	---	119	118	119	84	74	78	75	71	72
4	---	---	---	119	119	119	74	70	72	74	70	72
5	---	---	---	119	118	119	76	72	74	75	71	72
6	197	120	149	120	118	118	83	73	76	74	72	73
7	177	120	145	118	116	117	85	79	82	73	69	71
8	202	128	154	117	117	117	83	80	81	70	69	69
9	167	126	134	119	115	116	86	82	84	69	68	69
10	130	120	124	115	114	114	85	81	83	68	67	68
11	122	119	120	115	114	115	85	79	82	68	66	67
12	137	118	122	115	114	114	79	73	77	69	67	68
13	125	118	120	115	110	112	76	73	75	70	68	69
14	182	116	124	113	109	111	78	75	76	72	63	71
15	123	115	117	115	112	113	81	76	78	71	56	70
16	122	116	118	113	111	112	81	78	80	71	68	70
17	125	118	119	111	105	109	82	79	80	70	57	68
18	119	118	118	105	103	105	82	79	80	70	68	69
19	121	119	119	107	105	105	81	78	80	70	62	69
20	121	119	120	108	103	106	82	78	80	93	66	71
21	120	119	120	103	101	103	84	78	81	380	68	94
22	121	118	120	102	101	101	84	80	82	150	52	76
23	120	118	119	102	100	101	85	80	83	150	67	80
24	120	118	119	100	97	98	82	77	80	68	60	68
25	119	118	118	99	96	98	86	78	82	68	54	66
26	119	118	119	98	96	97	88	80	84	73	66	68
27	119	119	119	96	95	95	87	78	82	69	68	68
28	119	119	119	95	92	93	81	76	78	69	68	69
29	---	---	---	97	94	96	80	74	77	69	68	69
30	---	---	---	94	92	92	78	72	76	71	69	70
31	---	---	---	92	90	91	---	---	---	82	66	71
MONTH	---	---	---	126	90	108	90	70	80	380	52	71

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	74	70	72	---	---	---	82	62	68	66	62	63
2	74	70	72	---	---	---	80	63	67	77	62	65
3	72	70	71	---	---	---	89	62	69	81	62	67
4	71	68	70	73	72	72	80	62	66	78	62	67
5	69	68	69	72	71	71	65	63	64	89	63	69
6	71	68	69	72	71	71	64	63	63	79	64	70
7	69	66	68	72	71	71	64	63	64	93	64	73
8	69	64	67	73	71	72	64	63	64	86	64	71
9	69	64	67	73	72	72	64	63	63	83	64	68
10	70	66	68	73	71	72	64	62	63	94	63	73
11	68	65	66	73	71	72	64	62	63	82	63	69
12	67	64	66	74	71	73	63	62	63	76	63	68
13	68	63	66	74	72	73	63	62	62	72	64	67
14	69	64	67	74	72	73	64	62	63	74	64	67
15	67	63	66	73	71	72	62	61	62	82	64	68
16	66	61	64	73	71	71	63	61	62	107	65	70
17	68	60	64	73	69	72	63	62	63	99	65	72
18	70	62	65	71	69	70	65	63	64	98	66	74
19	66	63	64	72	70	71	66	64	65	89	66	70
20	67	64	66	72	70	71	65	63	64	89	67	73
21	68	67	67	72	70	71	63	62	63	113	67	77
22	70	67	69	72	68	70	64	62	63	89	68	71
23	70	69	70	69	68	69	64	62	63	91	67	71
24	70	69	69	71	69	70	65	64	64	153	67	80
25	70	69	69	71	69	70	64	63	63	90	66	74
26	70	69	69	70	68	69	65	62	63	87	66	72
27	---	---	---	69	67	68	64	62	63	81	66	70
28	---	---	---	68	66	67	64	62	63	96	66	73
29	---	---	---	73	64	67	65	63	63	83	66	71
30	---	---	---	81	63	68	66	62	63	89	65	71
31	---	---	---	74	63	67	65	62	63	---	---	---
MONTH	---	---	---	---	---	---	89	61	64	153	62	70

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	6.9	6.5	6.3	7.6	7.3	7.7	7.3	---	---	7.5	7.2
2	7.5	7.1	6.6	6.4	7.5	7.3	7.5	7.3	---	---	7.4	7.1
3	7.5	7.0	6.8	6.5	7.5	7.3	7.4	7.2	---	---	7.6	7.2
4	7.4	6.9	7.0	6.4	7.4	7.0	7.2	7.1	---	---	7.5	7.2
5	7.4	6.9	6.9	6.4	7.3	6.8	7.3	7.1	---	---	7.6	7.2
6	7.2	7.1	6.9	6.5	7.7	7.2	7.4	7.2	7.1	6.4	7.5	7.2
7	7.5	6.9	7.0	6.5	7.8	7.4	7.3	7.0	7.0	6.5	7.3	7.2
8	7.2	7.0	7.1	6.5	7.8	7.5	---	---	6.7	6.4	7.4	7.1
9	7.4	7.0	7.0	6.6	7.8	7.5	---	---	6.8	6.6	7.4	7.1
10	7.3	6.8	7.4	6.7	7.6	7.5	---	---	7.1	6.6	7.4	7.2
11	7.1	6.7	7.0	6.8	7.7	7.5	---	---	7.2	7.0	7.5	7.1
12	7.1	6.9	6.9	6.6	7.7	7.5	---	---	7.3	7.0	7.5	7.2
13	6.9	6.7	7.2	6.8	7.7	7.5	---	---	7.6	7.1	7.6	7.1
14	7.0	6.8	7.2	7.0	7.8	7.5	---	---	8.2	7.3	7.5	7.3
15	7.1	7.0	7.2	6.9	7.9	7.6	---	---	8.2	7.9	7.3	7.2
16	7.1	7.0	7.1	7.0	7.9	7.6	---	---	8.2	7.4	7.2	7.1
17	7.0	6.8	7.1	7.0	7.9	7.6	---	---	7.5	7.1	7.1	7.0
18	6.9	6.8	7.3	6.8	7.8	7.6	---	---	7.6	7.3	7.0	6.9
19	7.0	6.9	7.2	6.8	7.8	7.5	---	---	7.8	7.4	7.1	6.9
20	7.0	6.8	7.4	6.9	7.8	7.5	---	---	7.9	7.5	7.1	6.9
21	7.2	6.7	7.5	7.2	7.9	7.5	---	---	7.9	7.5	7.1	6.9
22	7.1	6.7	7.5	7.3	8.1	7.5	---	---	7.8	7.4	7.2	7.0
23	7.1	6.9	7.5	7.3	8.3	7.6	---	---	7.4	7.2	7.1	7.0
24	7.3	6.9	7.6	7.4	8.1	7.6	---	---	8.2	7.3	7.1	6.9
25	7.1	6.9	7.6	7.4	7.7	7.5	---	---	8.2	7.7	7.1	6.9
26	7.1	6.9	7.5	7.3	7.7	7.5	---	---	8.0	7.4	7.1	6.9
27	7.0	6.8	7.6	7.3	7.8	7.5	---	---	7.6	7.2	7.0	6.8
28	7.6	6.6	7.6	7.2	7.7	7.4	---	---	7.6	7.1	6.9	6.8
29	7.1	6.3	7.7	7.4	7.7	7.4	---	---	---	---	6.9	6.7
30	6.5	6.3	7.6	7.3	7.7	7.4	---	---	---	---	6.8	6.7
31	6.5	6.3	---	---	7.6	7.4	---	---	---	---	6.8	6.7
MONTH	7.6	6.3	7.7	6.3	8.3	6.8	---	---	---	---	7.6	6.7

pH, water, unfiltered, field, standard units

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.8	6.7	7.2	6.9	7.2	6.9	---	---	6.8	6.4	6.4	5.9
2	6.9	6.7	7.1	6.9	7.2	7.0	---	---	6.9	6.5	6.3	5.9
3	6.9	6.7	7.0	6.8	7.2	7.0	---	---	6.8	6.4	6.2	5.8
4	6.7	6.7	6.9	6.8	7.0	6.9	7.2	6.8	6.8	6.4	6.2	5.8
5	6.7	6.6	6.9	6.8	7.3	6.9	7.2	6.8	6.8	6.4	6.3	5.7
6	6.7	6.6	7.0	6.8	7.4	7.1	7.1	6.8	6.9	6.6	6.4	5.9
7	6.7	6.7	6.9	6.8	7.3	7.0	7.0	6.8	6.8	6.6	6.3	5.8
8	6.7	6.7	7.0	6.7	7.4	7.1	7.0	6.7	6.8	6.6	6.2	5.7
9	6.8	6.7	7.0	6.8	7.5	7.0	7.0	6.7	6.8	6.6	6.4	5.8
10	6.8	6.8	7.0	6.8	7.3	7.0	6.9	6.7	6.8	6.6	6.4	5.8
11	6.8	6.7	6.9	6.8	7.3	7.0	6.9	6.6	6.8	6.6	6.2	5.7
12	6.8	6.7	7.0	6.8	7.1	6.8	7.0	6.7	6.7	6.5	6.3	5.7
13	6.8	6.7	6.9	6.7	6.9	6.7	6.9	6.7	6.7	6.5	6.3	5.7
14	6.9	6.7	6.9	6.7	6.8	6.7	6.9	6.7	6.7	6.5	6.3	5.6
15	7.1	6.8	6.9	6.8	6.8	6.7	6.9	6.7	6.8	6.6	6.4	5.6
16	7.3	6.9	6.9	6.7	6.8	6.7	7.0	6.7	6.8	6.6	6.3	5.8
17	7.3	6.9	7.0	6.8	6.8	6.7	6.9	6.7	6.6	6.5	6.3	5.7
18	7.2	7.0	7.0	6.9	6.8	6.8	6.8	6.7	6.5	6.5	6.2	5.6
19	7.0	6.8	7.0	6.9	6.8	6.7	6.8	6.6	6.6	6.4	6.3	5.5
20	6.8	6.7	7.2	6.9	7.0	6.7	6.8	6.6	6.7	6.4	6.2	5.5
21	6.9	6.7	7.4	6.6	7.1	6.7	6.9	6.6	6.8	6.5	6.1	5.5
22	7.0	6.8	7.3	6.7	7.0	6.7	6.9	6.7	6.7	6.6	5.9	5.4
23	7.0	6.9	7.4	6.7	7.0	6.7	6.7	6.6	6.7	6.6	6.2	5.4
24	6.9	6.8	7.5	7.1	7.0	6.8	6.8	6.6	6.6	6.5	6.1	5.8
25	7.0	6.9	7.5	7.1	7.1	6.8	6.7	6.6	6.6	6.4	6.3	5.8
26	7.1	6.9	7.2	7.0	7.1	6.9	6.8	6.6	6.6	6.5	6.2	6.0
27	7.1	6.9	7.2	7.0	---	---	6.9	6.6	6.7	6.5	6.3	6.0
28	7.0	6.9	7.3	7.1	---	---	6.9	6.7	6.7	6.5	6.3	6.0
29	7.2	6.9	7.2	7.0	---	---	7.0	6.5	6.6	6.3	6.3	6.1
30	7.2	7.0	7.4	7.0	---	---	6.9	6.5	6.4	6.1	6.5	6.1
31	---	---	7.3	7.0	---	---	6.8	6.5	6.5	6.0	---	---
MONTH	7.3	6.6	7.5	6.6	---	---	---	---	6.9	6.0	6.5	5.4

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.5	25.9	26.2	20.0	19.4	19.7	11.7	11.1	11.3	10.7	9.7	10.2			
2	27.0	25.8	26.3	19.6	19.0	19.3	11.2	10.5	10.8	10.3	9.8	9.9			
3	27.2	26.1	26.6	19.2	18.8	19.0	10.7	10.2	10.4	10.2	9.6	9.9			
4	27.1	26.4	26.8	19.1	18.7	18.9	10.4	9.8	10.1	9.7	8.8	9.2			
5	27.5	26.5	26.9	18.9	18.6	18.8	10.0	9.0	9.5	9.9	8.9	9.3			
6	28.4	26.8	27.2	19.1	18.4	18.8	9.4	8.8	9.1	10.0	9.1	9.4			
7	27.7	27.1	27.4	18.5	17.8	18.3	9.5	8.9	9.3	9.2	8.1	8.4			
8	27.1	26.1	26.7	17.8	17.3	17.6	9.4	9.0	9.2	8.8	7.5	8.0			
9	26.2	25.2	25.8	17.5	17.2	17.4	9.8	9.2	9.5	9.5	8.2	8.6			
10	25.7	25.2	25.3	17.5	17.3	17.4	9.7	9.0	9.4	9.9	9.1	9.4			
11	25.2	24.6	25.0	18.1	17.4	17.7	9.4	9.0	9.2	9.8	8.6	9.1			
12	24.9	24.3	24.6	18.5	18.0	18.3	9.7	9.1	9.4	9.0	7.9	8.3			
13	24.3	24.0	24.2	18.5	17.7	18.2	10.1	9.5	9.8	8.2	7.8	8.0			
14	24.4	23.8	24.2	17.7	17.1	17.6	10.1	9.3	9.7	8.5	7.7	8.2			
15	23.8	22.5	23.1	17.3	17.0	17.1	9.7	8.9	9.3	8.5	7.6	8.0			
16	22.5	21.9	22.2	17.2	17.0	17.1	9.9	8.9	9.3	8.1	7.5	7.8			
17	22.0	21.4	21.8	17.2	16.4	17.0	9.8	9.1	9.4	9.0	7.6	8.3			
18	21.9	21.3	21.6	16.4	15.9	16.2	9.5	9.1	9.3	7.8	6.5	7.4			
19	21.4	21.0	21.2	15.9	14.2	14.7	10.0	9.4	9.6	7.2	5.3	6.4			
20	21.1	20.9	21.0	14.5	13.7	14.1	11.2	9.9	10.5	6.7	5.3	5.9			
21	22.2	21.0	21.2	15.2	14.3	14.8	10.5	9.3	9.9	7.7	5.9	6.8			
22	21.9	21.0	21.4	15.1	14.6	14.9	10.6	9.2	9.9	8.1	6.9	7.6			
23	21.3	20.8	21.0	14.6	13.2	13.9	10.8	10.0	10.4	8.0	5.1	6.9			
24	20.8	20.2	20.5	13.6	12.8	13.3	10.4	10.0	10.2	5.9	4.3	5.2			
25	20.4	20.0	20.2	14.1	13.2	13.6	10.2	9.3	10.1	7.0	5.5	6.4			
26	20.3	20.0	20.1	14.4	13.9	14.2	9.3	8.3	8.8	7.0	6.2	6.6			
27	20.4	19.9	20.2	14.4	14.0	14.2	9.5	8.7	9.0	6.4	4.7	5.8			
28	20.5	20.4	20.5	14.0	12.4	13.5	9.3	8.5	8.9	5.9	5.3	5.6			
29	21.6	20.5	20.9	12.5	11.6	12.0	9.2	8.4	8.8	6.3	5.6	5.9			
30	20.9	20.4	20.8	11.7	10.8	11.2	9.6	8.5	9.0	6.8	5.8	6.4			
31	20.5	19.9	20.3	---	---	---	9.7	9.0	9.3	7.4	5.0	6.2			
MONTH	28.4	19.9	23.3	20.0	10.8	16.3	11.7	8.3	9.6	10.7	4.3	7.7			

DAY	MAX	MIN	MEAN	Temperature, water, degrees Celsius			MAX	MIN	MEAN	MAX	MIN	MEAN
				MAX	MIN	MEAN						
FEBRUARY												
1	7.5	6.8	7.3	10.1	9.9	10.0	16.2	14.6	15.4	22.8	21.9	22.1
2	7.5	6.5	6.8	11.3	10.1	10.5	17.1	15.1	15.9	23.2	21.3	22.0
3	8.6	6.9	7.7	11.6	10.4	10.9	17.5	15.9	16.6	23.0	21.7	22.3
4	9.7	8.5	9.0	11.2	10.6	10.9	18.1	16.4	17.1	22.9	21.5	22.1
5	9.7	8.6	9.0	11.8	10.9	11.2	18.8	17.6	18.1	22.4	21.5	21.9
6	9.3	8.9	9.1	11.9	11.6	11.7	18.5	17.8	18.1	23.2	22.1	22.5
7	9.5	9.0	9.3	11.9	11.2	11.6	18.0	17.3	17.7	23.8	22.4	23.0
8	9.8	9.3	9.6	12.4	10.7	11.4	17.3	16.2	16.6	24.8	22.9	23.7
9	9.8	9.3	9.6	12.7	11.8	12.1	16.2	15.7	15.9	25.6	24.1	24.7
10	10.1	9.4	9.7	13.5	12.1	12.7	15.7	14.8	15.1	27.0	24.7	25.5
11	9.5	8.6	9.0	13.7	12.1	12.8	15.2	14.5	14.7	26.8	25.5	26.0
12	9.6	8.5	9.0	14.2	12.6	13.3	16.2	14.6	15.3	25.9	24.2	24.8
13	9.6	8.5	8.9	14.2	13.6	13.8	17.4	15.2	16.1	24.3	22.8	23.6
14	9.0	8.5	8.8	14.2	13.7	14.0	18.3	16.1	17.1	24.1	22.8	23.4
15	10.1	8.8	9.1	13.7	12.6	13.0	19.4	16.9	17.9	23.7	22.7	23.0
16	10.1	9.1	9.7	13.5	12.5	12.8	19.9	17.8	18.8	24.1	22.9	23.3
17	9.2	8.0	8.5	13.4	12.9	13.2	20.1	18.1	19.0	23.9	23.4	23.6
18	8.1	7.8	8.0	14.5	13.3	13.7	19.6	18.7	19.0	23.5	22.9	23.2
19	8.9	7.7	8.1	14.4	13.9	14.2	19.3	18.4	18.7	23.3	22.1	22.6
20	9.1	8.4	8.7	15.0	14.3	14.6	19.6	18.0	18.6	23.1	21.6	22.2
21	9.5	8.8	9.1	15.8	14.8	15.1	20.1	18.6	19.3	23.6	22.3	22.9
22	10.7	9.4	9.9	17.0	15.2	15.9	20.8	19.5	20.1	23.4	22.8	23.1
23	11.4	10.4	10.7	16.8	15.8	16.2	20.5	18.6	19.4	23.0	22.4	22.7
24	12.2	10.6	11.2	17.1	15.8	16.4	20.2	18.3	19.1	24.3	22.2	23.0
25	12.6	11.3	11.8	18.2	16.0	16.8	19.8	19.0	19.2	24.4	22.8	23.6
26	11.9	10.6	11.1	18.6	16.8	17.5	20.7	18.9	19.5	24.2	23.4	23.8
27	10.6	9.6	10.1	18.4	17.5	17.9	20.8	19.6	20.2	24.2	23.5	23.8
28	10.3	9.4	9.7	18.2	17.0	17.6	21.6	19.6	20.4	24.8	23.1	23.8
29	---	---	---	19.5	17.6	18.3	22.8	20.4	21.3	24.6	23.0	23.8
30	---	---	---	19.4	16.4	18.0	23.2	21.2	22.0	24.8	23.0	23.8
31	---	---	---	16.4	15.3	15.9	---	---	---	24.9	23.3	24.1
MONTH	12.6	6.5	9.2	19.5	9.9	14.0	23.2	14.5	18.1	27.0	21.3	23.4

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.8	23.5	24.2	---	---	---	30.0	29.5	29.7	30.7	30.0	30.4
2	25.0	23.5	24.2	---	---	---	29.9	29.4	29.6	30.4	30.0	30.2
3	24.7	23.5	24.0	---	---	---	30.0	29.5	29.8	30.5	30.1	30.2
4	24.6	23.6	24.0	29.3	27.3	28.1	30.3	29.3	29.7	30.3	29.9	30.1
5	25.7	24.1	24.7	28.9	27.3	28.0	30.3	28.4	29.1	30.0	29.2	29.7
6	25.6	24.5	25.0	29.3	27.9	28.5	29.6	28.1	28.8	29.2	26.9	28.4
7	25.4	24.6	25.0	29.4	28.3	28.8	29.5	28.4	28.9	26.9	25.8	26.6
8	25.8	24.8	25.2	30.2	28.2	29.0	29.6	28.2	28.9	25.8	24.8	25.5
9	26.9	25.2	25.9	30.4	29.2	29.8	30.0	28.4	29.1	25.2	24.7	24.9
10	27.9	25.7	26.6	30.2	29.1	29.6	29.7	28.5	29.1	25.1	24.6	24.9
11	28.7	26.9	27.6	30.0	28.7	29.3	29.9	28.5	29.1	24.6	24.1	24.4
12	28.3	27.3	27.8	30.0	28.6	29.3	29.7	28.4	29.0	24.3	23.6	23.9
13	28.2	27.0	27.5	29.7	28.4	29.0	29.8	28.5	29.1	25.1	23.5	24.0
14	28.8	26.8	27.6	29.6	28.3	28.9	30.0	28.6	29.2	25.9	24.9	25.3
15	29.5	27.5	28.3	29.8	28.6	29.1	30.8	29.2	29.8	26.5	25.6	25.9
16	29.3	27.8	28.5	30.2	28.6	29.3	30.6	29.2	29.6	26.8	26.1	26.3
17	28.1	27.3	27.7	30.6	29.0	29.7	29.2	28.4	28.8	26.4	24.9	25.8
18	28.0	27.2	27.6	30.4	29.0	29.3	29.3	28.5	28.8	24.9	23.5	24.5
19	28.5	27.2	27.8	29.0	28.1	28.6	29.6	28.1	28.7	24.1	23.3	23.6
20	28.4	27.5	27.9	29.8	27.7	28.6	29.8	28.5	29.1	25.5	24.0	24.6
21	27.9	26.9	27.4	30.2	28.6	29.4	30.7	28.9	29.6	26.3	25.2	25.6
22	27.7	26.4	27.1	29.7	28.4	28.9	30.2	29.0	29.6	26.3	26.0	26.1
23	28.2	26.7	27.3	28.6	27.3	27.7	30.1	28.9	29.4	26.4	25.9	26.1
24	28.2	26.9	27.5	27.9	26.8	27.3	29.8	28.8	29.1	26.6	25.7	26.0
25	28.9	27.1	27.9	27.9	27.4	27.6	30.0	28.3	28.9	26.4	25.7	26.0
26	29.5	27.5	28.3	28.2	27.0	27.5	30.4	28.8	29.4	26.4	25.9	26.1
27	---	---	---	29.3	27.4	28.2	30.7	29.2	29.9	26.4	25.5	26.0
28	---	---	---	29.0	27.9	28.4	30.9	29.3	30.0	26.0	25.5	25.7
29	---	---	---	29.8	28.0	28.8	30.9	29.4	30.1	25.8	24.4	25.4
30	---	---	---	30.6	29.3	29.8	31.2	29.6	30.4	24.5	23.0	24.0
31	---	---	---	30.3	29.6	30.0	31.5	29.9	30.6	---	---	---
MONTH	---	---	---	---	---	---	31.5	28.1	29.4	30.7	23.0	26.2

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	6.6	7.3	8.7	7.7	8.0	10.1	7.4	8.8	11.3	10.4	10.9
2	8.7	6.9	7.6	8.6	7.8	8.1	10.1	7.1	8.3	11.2	10.7	10.9
3	8.2	5.1	7.0	8.9	8.0	8.3	10.3	8.3	9.3	11.0	10.0	10.7
4	8.3	5.1	6.7	8.7	6.8	7.7	11.3	8.2	9.3	11.0	9.9	10.6
5	8.2	7.0	7.4	7.6	6.5	7.1	10.8	7.7	9.1	11.1	10.4	10.8
6	7.9	5.9	6.9	9.1	6.2	7.5	11.4	8.0	9.9	11.3	10.8	11.0
7	8.4	5.8	7.0	8.9	6.6	7.6	11.8	7.8	10.1	11.3	10.5	11.0
8	8.7	5.9	6.8	9.5	7.1	8.2	11.4	8.7	10.7	11.5	10.5	11.2
9	7.1	5.3	6.1	7.7	7.0	7.3	11.2	9.5	10.8	---	---	---
10	6.2	5.1	5.6	7.2	6.6	6.9	11.3	9.1	10.8	---	---	---
11	6.4	5.1	5.6	7.3	6.4	6.8	11.5	9.2	10.9	---	---	---
12	5.6	4.8	5.2	7.5	6.3	7.0	11.4	10.7	11.1	---	---	---
13	5.2	4.1	4.8	9.8	7.4	8.3	11.2	10.2	10.9	---	---	---
14	5.8	4.4	5.4	8.4	7.2	7.7	11.3	10.1	11.0	---	---	---
15	6.4	5.7	6.0	7.9	7.5	7.7	11.5	10.7	11.2	---	---	---
16	6.7	5.8	6.2	7.9	7.4	7.6	11.8	11.0	11.4	---	---	---
17	6.4	5.9	6.1	7.8	7.2	7.6	11.7	11.2	11.4	---	---	---
18	---	---	---	8.7	7.4	8.1	11.6	11.2	11.4	---	---	---
19	---	---	---	10.0	7.6	8.6	11.5	10.9	11.2	---	---	---
20	---	---	---	9.9	8.4	9.0	11.3	10.7	11.0	---	---	---
21	---	---	---	9.4	8.9	9.1	11.6	10.3	11.1	---	---	---
22	---	---	---	9.7	8.8	9.1	11.8	11.2	11.4	---	---	---
23	7.8	6.7	7.0	9.5	8.9	9.2	12.0	10.8	11.5	---	---	---
24	8.3	6.8	7.4	9.9	9.2	9.5	11.8	10.6	11.3	---	---	---
25	7.6	7.0	7.3	9.9	8.5	9.4	11.2	10.6	11.0	---	---	---
26	7.8	7.0	7.3	9.8	9.1	9.4	11.5	10.8	11.2	---	---	---
27	7.6	6.8	7.2	9.8	9.0	9.5	11.6	10.5	11.1	---	---	---
28	7.7	6.9	7.2	9.9	7.9	9.4	11.7	10.9	11.3	---	---	---
29	8.2	6.9	7.5	9.8	7.6	8.7	11.8	11.2	11.4	---	---	---
30	8.3	7.1	7.5	10.4	8.1	9.0	11.7	11.0	11.4	---	---	---
31	8.0	7.3	7.6	---	---	---	11.5	9.8	11.2	---	---	---
MONTH	---	---	---	10.4	6.2	8.2	12.0	7.1	10.7	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	11.2	10.8	10.9	8.7	8.4	8.5	8.8	7.9	8.4
2	---	---	---	11.0	10.6	10.8	8.6	8.4	8.6	8.6	8.0	8.4
3	---	---	---	11.2	10.7	10.9	8.6	8.1	8.4	8.4	7.6	7.9
4	---	---	---	11.0	10.7	10.9	8.4	8.0	8.2	8.2	7.4	7.8
5	---	---	---	11.0	10.7	10.8	8.3	7.6	8.0	8.1	7.6	7.9
6	11.4	9.7	10.5	10.8	10.5	10.6	7.9	7.5	7.7	8.1	7.4	7.7
7	10.8	9.1	10.0	10.6	10.3	10.4	8.0	7.5	7.8	7.9	7.3	7.5
8	10.0	9.5	9.8	10.8	10.3	10.6	8.3	7.9	8.1	8.1	7.3	7.7
9	9.9	9.5	9.7	10.7	10.4	10.5	8.7	8.2	8.5	8.2	7.0	7.6
10	10.9	9.5	10.2	10.7	10.4	10.5	9.4	8.6	9.0	8.0	7.1	7.5
11	11.3	10.6	10.9	10.7	10.3	10.5	9.4	9.0	9.2	7.5	6.7	7.0
12	11.3	10.4	11.0	10.6	10.3	10.4	9.3	9.0	9.1	7.4	6.0	6.8
13	11.7	10.6	11.3	10.5	10.2	10.3	9.3	8.9	9.1	6.8	6.4	6.6
14	12.3	11.2	11.7	10.3	10.0	10.1	9.5	8.2	9.0	7.6	5.2	6.7
15	12.3	11.6	12.1	10.1	9.7	9.9	10.0	9.0	9.5	7.2	5.8	6.6
16	12.3	10.9	11.5	10.0	9.7	9.8	10.2	9.3	9.8	8.6	6.5	7.5
17	11.7	10.6	11.2	9.9	9.4	9.7	10.2	9.3	9.8	8.8	7.9	8.4
18	11.9	11.2	11.6	9.5	9.2	9.4	9.9	9.2	9.4	8.6	8.1	8.3
19	12.2	11.7	11.9	9.6	9.2	9.4	9.3	8.9	9.0	8.9	8.0	8.4
20	12.2	11.8	12.0	9.3	9.0	9.1	9.4	8.8	9.1	9.4	8.0	8.8
21	12.2	11.7	11.9	9.4	8.9	9.1	9.2	8.7	9.0	9.6	5.8	8.7
22	11.8	10.8	11.4	9.3	9.0	9.1	9.1	8.6	8.9	9.5	6.7	8.9
23	10.8	10.3	10.6	9.2	8.8	9.0	9.1	8.5	8.8	9.5	6.4	8.7
24	11.5	10.5	10.9	9.0	8.5	8.8	8.7	8.2	8.4	9.9	8.7	9.2
25	11.4	10.9	11.1	9.2	8.5	8.9	8.5	8.1	8.3	9.6	8.7	9.2
26	11.1	10.6	10.8	8.9	8.4	8.7	8.3	7.8	8.0	9.5	8.6	9.0
27	11.0	10.8	10.9	8.7	8.2	8.4	8.3	7.7	7.9	9.5	8.6	9.0
28	11.2	10.7	11.0	8.3	7.9	8.1	8.1	7.5	7.7	9.5	8.7	9.1
29	---	---	---	8.5	7.8	8.2	8.7	7.6	8.1	9.4	8.6	9.0
30	---	---	---	8.4	7.8	8.1	8.8	8.0	8.3	9.8	8.6	9.1
31	---	---	---	8.8	8.3	8.5	---	---	---	9.6	7.9	8.7
MONTH	---	---	---	11.2	7.8	9.7	10.2	7.5	8.6	9.9	5.2	8.1

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.5	8.1	8.7	---	---	---	6.9	4.4	6.0	7.2	6.2	6.8
2	10.0	8.5	9.2	---	---	---	7.2	5.0	6.0	7.5	5.8	6.6
3	9.9	8.9	9.3	---	---	---	7.2	4.8	6.0	7.1	5.2	6.4
4	9.6	8.7	9.1	8.1	7.0	7.6	7.1	4.9	6.3	7.2	5.5	6.4
5	10.3	8.6	9.3	8.0	6.7	7.3	7.1	6.2	6.6	6.7	5.6	6.2
6	10.1	9.0	9.4	7.7	6.8	7.2	7.2	6.2	6.6	7.6	5.8	6.3
7	9.6	8.6	9.0	7.3	6.5	6.9	7.3	6.2	6.7	7.3	5.7	6.6
8	9.6	8.5	9.0	7.2	6.3	6.7	7.1	6.2	6.7	7.7	5.8	6.8
9	9.9	8.5	9.1	7.1	6.2	6.8	7.3	6.2	6.7	7.9	6.4	7.2
10	10.3	8.3	9.1	7.0	6.2	6.6	7.2	6.2	6.7	8.2	6.0	7.1
11	10.1	8.8	9.4	7.2	6.1	6.6	7.4	6.3	6.8	9.0	6.3	7.5
12	9.3	8.0	8.5	7.4	6.2	6.7	7.1	6.2	6.7	9.0	7.2	7.8
13	8.7	7.6	8.2	7.1	6.1	6.6	7.2	6.2	6.7	9.4	7.0	7.9
14	9.1	7.7	8.3	7.2	6.1	6.6	7.2	6.2	6.7	9.0	7.4	8.2
15	9.2	7.5	8.2	7.4	6.2	6.8	7.7	6.6	7.1	8.8	7.7	8.3
16	8.8	7.3	7.9	7.2	6.1	6.7	7.5	6.6	6.9	8.8	6.7	8.2
17	7.7	6.4	7.0	7.1	6.1	6.5	7.2	6.4	6.7	8.8	7.1	8.0
18	7.3	6.7	6.9	6.8	6.0	6.4	6.9	6.2	6.5	8.8	6.9	7.8
19	7.4	6.5	6.9	6.6	5.9	6.2	7.3	6.0	6.6	8.9	7.5	8.3
20	7.5	6.8	7.2	7.0	5.8	6.3	7.4	6.2	6.8	9.2	6.9	8.2
21	7.8	6.7	7.3	7.1	6.1	6.5	7.6	6.3	6.9	8.7	7.5	8.1
22	7.6	6.7	7.2	6.9	5.9	6.3	7.6	6.6	7.0	8.4	7.5	8.1
23	7.6	6.7	7.1	6.8	6.0	6.3	7.2	6.3	6.8	7.9	6.7	7.6
24	7.6	6.7	7.2	6.9	6.1	6.4	6.9	6.2	6.6	7.7	6.1	7.1
25	7.6	6.8	7.3	6.7	6.0	6.4	7.3	6.1	6.6	7.8	6.6	7.1
26	7.5	6.8	7.2	7.1	6.0	6.5	7.5	6.4	6.9	7.6	6.9	7.2
27	---	---	---	7.6	6.2	6.9	7.7	6.6	7.1	7.8	6.8	7.2
28	---	---	---	7.5	6.6	7.0	7.6	6.7	7.1	7.9	6.3	7.2
29	---	---	---	7.8	6.0	6.8	7.5	6.5	6.9	7.9	7.1	7.5
30	---	---	---	7.3	5.4	6.6	7.4	6.2	6.9	8.6	6.8	7.7
31	---	---	---	7.0	5.4	6.2	7.4	6.2	6.9	---	---	---
MONTH	---	---	---	---	---	---	7.7	4.4	6.7	9.4	5.2	7.4