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FEDERAL ENERGY
REGULATORY
COMMISSION

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November 10, 1998

Mr. David Boergers, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

RE: Chalk Hill Hydroelectric Project - FERC No. 2394-017
White Rapids Hydroelectric Project - FERC No. 2357-003
Article 405 Water Quality Monitoring Report

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Wisconsin Electric is hereby filing one original and eight additional copies of the results of the water quality monitoring for the Chalk Hill and White Rapids Projects performed during the months of May, June, July, August and September of 1998 to fulfill the requirements of Article 405.

The Commission issued a new license on May 7, 1997 for the above projects and by order dated January 21, 1998 approved and modified Wisconsin Electric water quality monitoring plan. The monitoring plan assures that the Chalk Hill and White Rapids Hydroelectric Plants' discharge meets the state's water quality standards for temperature and dissolved oxygen (DO). The applicable mean temperature standards for the months of monitoring is shown in the table below:

Month	May	June	July	August	September
°F	70	80	83	81	74
°C	21.1	26.7	28.3	27.2	23.3

The applicable D.O. standard is 5.0 mg/l at all times.

The Plan as approved by FERC order dated January 21, 1998 includes the following two components:

- 1) Continuous Water Quality Monitoring of temperature and Dissolved Oxygen (D.O.)
 - From May 1, to September 30 of each year ;
 - For three years starting in 1998;
 - Two monitoring locations :
 - * Upstream of the Chalk Hill plant adjacent to the USGS gauging station # 034066003 (Highway Z Bridge);
 - * A point approximately 100 yds downstream of the White Rapids plant.
 - Monitoring results are to be filed no later than November 30th, of each year.

- 2) Flowage Monitoring Plan
 - Measurements to be made at 1.0 meter intervals in the deepest part of each flowage;
 - Measurements to be taken during December, January, February and March of each year monitored;
 - According to the approved plan, monitoring results are to be filed no later than May 1, of each year.

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The results of our 1998 monitoring for each component is as follows:

I. Continuous water quality monitoring

The enclosed table 1 : *Chalk Hill/White Rapids, 1998 Hydro Data Summary* documents 100% compliance with the standards stated above.

The data recovery from our monitoring instrument (Hydrolab Recorder - Water Quality Multiprobe Logger) was 100% at the Chalk Hill location upstream at Highway Z and 93.4 % at the White Rapids Tailrace for the entire 5 month period (May 1 through September 30). Exhibit 1 summarizes those periods for which data was not collected and the explanations.

A diskette containing the raw data and accompanying explanatory sheet is submitted to the agencies for their use.

II. Flowage measurements

As stated in the approved plan, the results will be subject of a report to be filed no later than May 1, 1999.

Enclosed is a proof of service to the agencies listed on the copy list.

Please call me at (414) 221-2413, if you have questions on this matter.

Sincerely



Rita L. Hayen, P.E.
Project Manager, Hydro Licensing

Enclosures

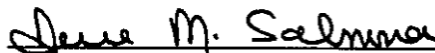
cc: Mr. Tom Thuemler, WDNR
Ms. Jan Fenske, MDNR

Mr. Jim Fossum, USFWS
Mr. James Grant, MDEQ

Certificate of Service

I hereby certify that I have this day served the foregoing document upon all entities specified in the order to issue license to be consulted on matters related to the Commission filing. Service was done pursuant to Rule 2010 of FERC's Rules of Practice and Procedure 18 CFR, Section 385.2010

Dated this day Tuesday, November 10, 1998.


Annie Salmona
Hydro Licensing
Wisconsin Electric Power Co.

Annie Salmona
Wisconsin Electric Power Co.
333 W. Everett Street
Milwaukee, WI 53203
(414) 221-4151

Chalk Hill / White Rapids 1998 Hydro Data Summary

Chalk Hill - Upstream at Hwy Z

Temperature (Degrees C)

Month	Obs	Mean	Max	Min
5	744	18.8	24.1	13.2
6	720	20.3	26.5	15.4
7	744	24.1	27.9	20.8
8	744	23.3	26.1	20.3
9	720	19.7	23.5	15.1

Dissolved Oxygen (PPM)

Month	Obs	Mean	Max	Min
5	744	8.4	11.3	5.7
6	720	8.3	11.8	5.7
7	744	7.5	10.4	5.4
8	744	7.5	9.8	6.1
9	720	8.1	10.3	6.2

Dissolved Oxygen (% Saturation)

Month	Obs	Mean	Max	Min
5	744	91	122	65
6	720	94	127	70
7	744	92	132	69
8	744	92	124	72
9	720	92	117	72

White Rapids Tailrace

Temperature (Degrees C)

Month	Obs	Mean	Max	Min
5	744	18.9	22.8	14.0
6	720	20.5	25.5	16.2
7	744	24.4	26.5	22.3
8	538	23.5	24.9	22.3
9	683	20.0	22.1	17.0

Dissolved Oxygen (PPM)

Month	Obs	Mean	Max	Min
5	744	8.1	10.8	5.6
6	720	8.3	10.0	6.4
7	744	7.8	9.6	6.4
8	538	7.7	9.0	6.3
9	683	8.3	9.7	7.4

Dissolved Oxygen (% Saturation)

Month	Obs	Mean	Max	Min
5	744	88	108	60
6	720	95	115	79
7	744	96	118	81
8	538	92	109	74
9	683	95	113	85

Exhibit 1

Chalk Hill / White Rapids Hydro Plants - Lost Data Summary

Chalk Hill upstream at Hwy Z

Captured 3672 of 3672 possible data points, a 100 % recovery.

White Rapids Tailrace

Captured 3429 of 3672 possible data points, a 93.4 % recovery.

Lost 243 hours from 8/23/98 at 1000 to 9/2/98 at 1200

Sonde was pulled from the water by unknown persons on 8/23/98

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WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1	05/01/98	0	14.22	10.31		101.1
2	05/01/98	100	14.22	10.42		102.2
3	05/01/98	200	14.22	10.29		101.0
4	05/01/98	300	14.15	10.29		100.8
5	05/01/98	400	14.10	10.25		101.2
6	05/01/98	500	14.05	10.20		99.6
7	05/01/98	600	13.98	10.18		99.3
8	05/01/98	700	13.97	10.26		100.1
9	05/01/98	800	13.95	10.28		100.3
10	05/01/98	900	14.00	10.32		100.7
11	05/01/98	1000	14.03	10.41		101.7
12	05/01/98	1100	14.05	10.38		101.1
13	05/01/98	1200	14.18	10.55		101.4
14	05/01/98	1300	14.30	10.56		103.4
15	05/01/98	1400	14.40	10.56		103.7
16	05/01/98	1500	14.48	10.63		104.6
17	05/01/98	1600	14.48	10.64		104.9
18	05/01/98	1700	14.57	10.75		106.2
19	05/01/98	1800	14.65	10.67		105.6
20	05/01/98	1900	14.77	10.67		105.7
21	05/01/98	2000	14.77	10.73		105.5
22	05/01/98	2100	14.87	10.83		107.7
23	05/01/98	2200	14.83	10.74		106.8
24	05/01/98	2300	14.77	10.57		105.0
25	05/01/98	0	14.73	10.52		104.4
26	05/02/98	100	14.70	10.47		103.8
27	05/02/98	200	14.67	10.41		103.1
28	05/02/98	300	14.60	10.33		102.1
29	05/02/98	400	14.58	10.27		101.5
30	05/02/98	500	14.55	10.26		101.3
31	05/02/98	600	14.50	10.20		100.6
32	05/02/98	700	14.43	10.00		98.6
33	05/02/98	800	14.37	9.96		98.0
34	05/02/98	900	14.30	9.79		96.2
35	05/02/98	1000	14.27	9.79		96.1
36	05/02/98	1100	14.28	9.85		96.7
37	05/02/98	1200	14.32	9.85		97.8
38	05/02/98	1300	14.33	9.84		97.7
39	05/02/98	1400	14.45	10.01		98.7
40	05/02/98	1500	14.67	10.24		101.4
41	05/02/98	1600	14.82	10.31		102.4
42	05/02/98	1700	14.98	10.34		103.1
43	05/02/98	1800	15.03	10.25		102.3
44	05/02/98	1900	14.97	10.26		102.2
45	05/02/98	2000	14.88	10.05		100.0
46	05/02/98	2100	14.85	10.03		99.7
47	05/02/98	2200	14.82	9.99		99.3
48	05/02/98	2300	14.80	9.85		97.8
49	05/03/98	0	14.75	9.89		98.1
50	05/03/98	100	14.72	9.79		97.1
51	05/03/98	200	14.72	9.75		96.6
52	05/03/98	300	14.68	9.77		96.9
53	05/03/98	400	14.68	9.68		95.9
54	05/03/98	500	14.68	9.68		95.9
55	05/03/98	600	14.65	9.73		96.4
56	05/03/98	700	14.65	9.66		95.6
57	05/03/98	800	14.67	9.60		95.1
58	05/03/98	900	14.65	9.63		95.3
59	05/03/98	1000	14.65	9.55		94.6
60	05/03/98	1100	14.67	9.48		94.0
61	05/03/98	1200	14.73	9.45		93.8
62	05/03/98	1300	14.88	9.55		95.0
63	05/03/98	1400	15.00	9.62		96.0
64	05/03/98	1500	15.00	9.67		96.5
65	05/03/98	1600	15.10	9.73		97.2
66	05/03/98	1700	15.17	9.69		97.0
67	05/03/98	1800	15.13	9.68		96.8
68	05/03/98	1900	15.07	9.54		95.3
69	05/03/98	2000	15.00	9.38		93.6
70	05/03/98	2100	14.85	9.20		91.5
71	05/03/98	2200	14.87	9.25		92.0
72	05/03/98	2300	15.02	9.33		93.1
73	05/04/98	0	15.05	9.28		92.7
74	05/04/98	100	15.05	9.31		92.9
75	05/04/98	200	14.98	9.31		92.9

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
76	05/04/98	300	14.95	9.21	91.8	91.8
77	05/04/98	400	14.88	9.17	91.2	91.2
78	05/04/98	500	14.85	9.12	90.6	90.6
79	05/04/98	600	14.80	9.11	90.4	90.4
80	05/04/98	700	14.77	8.99	89.2	89.2
81	05/04/98	800	14.75	8.96	88.9	88.9
82	05/04/98	900	14.75	9.02	89.5	89.5
83	05/04/98	1000	14.77	9.77	97.0	97.0
84	05/04/98	1100	14.75	8.05	79.9	79.9
85	05/04/98	1200	14.72	8.93	88.5	88.5
86	05/04/98	1300	14.83	9.08	90.3	90.3
87	05/04/98	1400	14.82	9.34	92.8	92.8
88	05/04/98	1500	14.78	9.04	89.7	89.7
89	05/04/98	1600	14.78	8.95	88.8	88.8
90	05/04/98	1700	14.80	9.06	89.9	89.9
91	05/04/98	1800	14.77	8.90	88.4	88.4
92	05/04/98	1900	14.78	8.85	87.8	87.8
93	05/04/98	2000	14.85	8.82	87.6	87.6
94	05/04/98	2100	14.97	8.83	87.8	87.8
95	05/04/98	2200	15.03	8.93	89.0	89.0
96	05/04/98	2300	15.12	8.94	89.4	89.4
97	05/05/98	0	15.22	8.91	89.3	89.3
98	05/05/98	100	15.18	8.88	89.0	89.0
99	05/05/98	200	15.10	8.78	87.8	87.8
100	05/05/98	300	15.02	8.73	87.1	87.1
101	05/05/98	400	14.98	8.76	87.4	87.4
102	05/05/98	500	14.95	8.69	86.6	86.6
103	05/05/98	600	14.97	8.53	85.1	85.1
104	05/05/98	700	15.02	8.63	86.3	86.3
105	05/05/98	800	15.10	8.67	86.8	86.8
106	05/05/98	900	15.20	8.97	90.2	90.2
107	05/05/98	1000	15.40	9.04	91.2	91.2
108	05/05/98	1100	15.59	9.22	93.7	93.7
109	05/05/98	1200	15.84	9.34	94.7	94.7
110	05/05/98	1300	15.75	9.29	94.3	94.3
111	05/05/98	1400	15.80	9.41	95.4	95.4
112	05/05/98	1500	15.82	9.28	94.2	94.2
113	05/05/98	1600	15.75	9.32	94.5	94.5
114	05/05/98	1700	15.70	9.15	92.7	92.7
115	05/05/98	1800	15.70	9.04	91.6	91.6
116	05/05/98	1900	15.77	8.99	91.1	91.1
117	05/05/98	2000	15.77	9.04	91.8	91.8
118	05/05/98	2100	15.84	9.00	91.6	91.6
119	05/05/98	2200	15.94	9.11	93.1	93.1
120	05/05/98	2300	16.09	9.21	94.2	94.2
121	05/06/98	0	16.19	9.06	92.8	92.8
122	05/06/98	100	16.22	9.06	92.8	92.8
123	05/06/98	200	16.22	8.92	91.3	91.3
124	05/06/98	300	16.24	9.10	93.3	93.3
125	05/06/98	400	16.26	9.08	93.0	93.0
126	05/06/98	500	16.26	8.11	93.3	93.3
127	05/06/98	600	16.22	8.87	90.7	90.7
128	05/06/98	700	16.16	8.87	90.6	90.6
129	05/06/98	800	16.11	8.78	89.7	89.7
130	05/06/98	900	16.11	8.69	88.7	88.7
131	05/06/98	1000	16.19	8.83	90.7	90.7
132	05/06/98	1100	16.11	8.73	89.8	89.8
133	05/06/98	1200	16.36	8.91	91.9	91.9
134	05/06/98	1300	16.48	8.97	93.1	93.1
135	05/06/98	1400	16.56	9.24	95.4	95.4
136	05/06/98	1500	16.86	9.06	94.1	94.1
137	05/06/98	1600	16.63	8.99	93.1	93.1
138	05/06/98	1700	16.53	8.83	91.6	91.6
139	05/06/98	1800	16.70	8.92	92.7	92.7
140	05/06/98	1900	16.76	9.06	94.8	94.8
141	05/06/98	2000	16.81	9.19	95.0	95.0
142	05/06/98	2100	16.92	9.15	94.7	94.7
143	05/06/98	2200	17.00	9.09	94.9	94.9
144	05/06/98	2300	17.10	9.05	94.5	94.5
145	05/07/98	0	17.19	9.15	95.7	95.7
146	05/07/98	100	17.22	9.06	94.7	94.7
147	05/07/98	200	17.19	9.18	95.9	95.9
148	05/07/98	300	17.15	9.09	94.9	94.9
149	05/07/98	400	17.15	9.05	94.5	94.5
150	05/07/98	500	17.12			

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
151	05/07/98	17.05	8.88	92.6
152	05/07/98	16.98	8.83	91.9
153	05/07/98	16.95	8.92	92.8
154	05/07/98	16.92	8.84	91.8
155	05/07/98	17.03	8.91	92.8
156	05/07/98	17.09	8.77	91.6
157	05/07/98	17.36	8.85	92.8
158	05/07/98	17.42	8.71	91.4
159	05/07/98	17.61	8.68	91.5
160	05/07/98	17.94	8.85	93.9
161	05/07/98	18.07	9.03	96.1
162	05/07/98	18.11	9.08	96.7
163	05/07/98	18.21	9.22	98.4
164	05/07/98	18.21	8.82	98.4
165	05/07/98	18.07	8.85	94.2
166	05/07/98	17.94	8.88	94.3
167	05/07/98	17.85	8.76	92.8
168	05/07/98	17.75	8.58	90.7
169	05/08/98	17.68	8.64	91.2
170	05/08/98	17.58	8.52	89.7
171	05/08/98	17.49	8.48	89.2
172	05/08/98	17.44	8.48	89.1
173	05/08/98	17.37	8.35	87.6
174	05/08/98	17.31	8.37	87.5
175	05/08/98	17.25	8.31	86.9
176	05/08/98	17.19	8.26	86.3
177	05/08/98	17.15	8.18	85.4
178	05/08/98	17.15	8.17	85.4
179	05/08/98	17.19	8.30	86.9
180	05/08/98	17.29	8.33	87.5
181	05/08/98	17.46	8.10	85.4
182	05/08/98	17.63	8.23	87.4
183	05/08/98	17.97	8.48	90.4
184	05/08/98	18.16	8.48	90.4
185	05/08/98	18.19	8.31	88.7
186	05/08/98	18.17	8.31	88.7
187	05/08/98	18.19	8.24	88.0
188	05/08/98	18.14	8.25	88.0
189	05/08/98	18.05	8.15	86.4
190	05/08/98	17.99	8.13	86.4
191	05/08/98	17.90	7.92	84.0
192	05/08/98	17.82	7.99	84.6
193	05/09/98	17.76	7.89	83.4
194	05/09/98	17.68	7.82	82.6
195	05/09/98	17.59	7.69	81.1
196	05/09/98	17.54	8.18	86.1
197	05/09/98	17.48	8.05	84.6
198	05/09/98	17.41	7.91	83.0
199	05/09/98	17.36	7.99	83.8
200	05/09/98	17.31	8.02	84.0
201	05/09/98	17.29	8.08	84.7
202	05/09/98	17.31	8.09	84.7
203	05/09/98	17.42	8.28	87.0
204	05/09/98	17.58	8.30	87.4
205	05/09/98	17.71	8.39	88.6
206	05/09/98	17.92	8.42	89.3
207	05/09/98	18.11	8.67	92.0
208	05/09/98	18.28	8.60	92.0
209	05/09/98	18.43	8.68	93.0
210	05/09/98	18.33	8.50	91.0
211	05/09/98	18.41	8.34	89.3
212	05/09/98	18.45	8.53	89.3
213	05/09/98	18.41	8.57	91.5
214	05/09/98	18.24	8.39	89.6
215	05/09/98	18.02	8.28	88.0
216	05/09/98	17.87	8.02	85.0
217	05/10/98	17.75	7.84	82.9
218	05/10/98	17.65	7.80	82.3
219	05/10/98	17.56	7.92	83.4
220	05/10/98	17.51	7.85	82.6
221	05/10/98	17.44	7.67	80.9
222	05/10/98	17.39	7.71	74.7
223	05/10/98	17.31	7.13	75.8
224	05/10/98	17.25	7.25	75.8
225	05/10/98	17.22	7.22	75.5

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
226	05/10/98	900	17.20	7.52	78.6	78.6
227	05/10/98	1000	17.22	7.48	78.2	78.2
228	05/10/98	1100	17.32	7.56	80.3	80.3
229	05/10/98	1200	17.42	7.76	81.4	81.4
230	05/10/98	1300	17.68	7.92	83.6	83.6
231	05/10/98	1400	17.87	8.09	85.7	85.7
232	05/10/98	1500	18.09	8.11	86.3	86.3
233	05/10/98	1600	18.04	7.90	84.0	84.0
234	05/10/98	1700	18.05	7.91	84.1	84.1
235	05/10/98	1800	18.02	7.91	84.1	84.1
236	05/10/98	1900	17.82	7.63	81.0	81.0
237	05/10/98	2000	17.60	7.60	80.5	80.5
238	05/10/98	2100	17.63	7.94	83.7	83.7
239	05/10/98	2200	17.56	8.00	84.3	84.3
240	05/10/98	2300	17.54	7.84	82.6	82.6
241	05/11/98	0	17.53	8.10	85.3	85.3
242	05/11/98	100	17.51	8.12	85.4	85.4
243	05/11/98	200	17.48	7.92	83.4	83.4
244	05/11/98	300	17.48	7.98	83.8	83.8
245	05/11/98	400	17.46	7.88	82.8	82.8
246	05/11/98	500	17.39	7.86	82.4	82.4
247	05/11/98	600	17.34	7.80	81.8	81.8
248	05/11/98	700	17.31	7.84	82.1	82.1
249	05/11/98	800	17.31	7.80	81.7	81.7
250	05/11/98	900	17.29	7.68	80.5	80.5
251	05/11/98	1000	17.31	7.60	79.6	79.6
252	05/11/98	1100	17.32	7.52	78.8	78.8
253	05/11/98	1200	17.36	7.59	79.6	79.6
254	05/11/98	1300	17.32	7.58	79.5	79.5
255	05/11/98	1400	17.25	7.69	80.5	80.5
256	05/11/98	1500	17.24	7.71	80.6	80.6
257	05/11/98	1600	17.27	7.71	80.7	80.7
258	05/11/98	1700	17.31	7.95	83.2	83.2
259	05/11/98	1800	17.41	7.97	83.6	83.6
260	05/11/98	1900	17.32	7.71	80.8	80.8
261	05/11/98	2000	17.29	7.53	78.9	78.9
262	05/11/98	2100	17.37	7.44	78.1	78.1
263	05/11/98	2200	17.44	7.53	79.1	79.1
264	05/11/98	2300	17.51	7.61	80.1	80.1
265	05/12/98	0	17.63	7.71	81.3	81.3
266	05/12/98	100	17.70	7.77	82.1	82.1
267	05/12/98	200	17.68	7.41	78.2	78.2
268	05/12/98	300	17.66	7.59	80.1	80.1
269	05/12/98	400	17.63	7.50	79.1	79.1
270	05/12/98	500	17.68	7.48	78.8	78.8
271	05/12/98	600	17.49	7.23	76.1	76.1
272	05/12/98	700	17.48	6.96	73.1	73.1
273	05/12/98	800	17.44	7.07	74.3	74.3
274	05/12/98	900	17.44	7.02	73.8	73.8
275	05/12/98	1000	17.48	6.88	72.3	72.3
276	05/12/98	1100	17.46	6.97	73.3	73.3
277	05/12/98	1200	17.41	6.98	73.3	73.3
278	05/12/98	1300	17.31	7.08	74.2	74.2
279	05/12/98	1400	17.24	7.32	76.6	76.6
280	05/12/98	1500	17.24	6.95	72.7	72.7
281	05/12/98	1600	17.36	7.11	74.6	74.6
282	05/12/98	1700	17.61	7.16	75.5	75.5
283	05/12/98	1800	17.76	7.37	77.9	77.9
284	05/12/98	1900	17.85	7.05	74.7	74.7
285	05/12/98	2000	17.99	7.11	75.5	75.5
286	05/12/98	2100	18.07	7.10	75.6	75.6
287	05/12/98	2200	18.11	7.05	75.0	75.0
288	05/12/98	2300	18.16	6.97	74.3	74.3
289	05/13/98	0	18.17	6.86	73.2	73.2
290	05/13/98	100	18.11	6.84	72.9	72.9
291	05/13/98	200	18.09	6.76	71.9	71.9
292	05/13/98	300	18.02	6.71	71.4	71.4
293	05/13/98	400	18.00	6.64	70.5	70.5
294	05/13/98	500	17.97	6.70	71.1	71.1
295	05/13/98	600	17.99	6.57	69.8	69.8
296	05/13/98	700	18.02	6.54	69.5	69.5
297	05/13/98	800	18.02	6.59	70.0	70.0
298	05/13/98	900	18.00	6.62	70.4	70.4
299	05/13/98	1000	18.04	6.72	71.5	71.5
300	05/13/98	1100	18.04	6.70	71.2	71.2

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
301	05/13/98	1200	18.07	6.29	67.0
302	05/13/98	1300	18.07	6.25	66.5
303	05/13/98	1400	18.23	6.67	71.2
304	05/13/98	1500	18.33	6.92	74.1
305	05/13/98	1600	18.31	6.60	70.6
306	05/13/98	1700	18.41	6.66	71.4
307	05/13/98	1800	18.69	6.81	73.4
308	05/13/98	1900	18.67	6.64	71.6
309	05/13/98	2000	18.74	6.46	69.7
310	05/13/98	2100	18.81	6.36	68.7
311	05/13/98	2200	18.77	6.42	69.4
312	05/13/98	2300	18.79	6.40	69.1
313	05/14/98	0	18.81	6.20	66.9
314	05/14/98	100	18.86	6.30	68.1
315	05/14/98	200	18.84	6.37	68.8
316	05/14/98	300	18.77	6.31	68.2
317	05/14/98	400	18.71	6.28	67.7
318	05/14/98	500	18.69	6.00	64.7
319	05/14/98	600	18.65	5.92	63.8
320	05/14/98	700	18.62	5.92	64.7
321	05/14/98	800	18.62	5.94	64.7
322	05/14/98	900	18.62	5.82	63.9
323	05/14/98	1000	18.62	5.74	62.6
324	05/14/98	1100	18.60	5.62	61.7
325	05/14/98	1200	18.60	5.90	60.4
326	05/14/98	1300	18.55	8.70	95.0
327	05/14/98	1400	18.55	8.62	94.2
328	05/14/98	1500	18.62	8.54	93.4
329	05/14/98	1600	18.62	8.66	95.1
330	05/14/98	1700	18.59	8.71	96.0
331	05/14/98	1800	18.59	8.70	95.9
332	05/14/98	1900	19.00	8.70	95.9
333	05/14/98	2000	19.08	8.69	95.9
334	05/14/98	2100	19.15	8.67	95.9
335	05/14/98	2200	19.19	8.64	95.6
336	05/14/98	2300	19.24	8.64	95.7
337	05/15/98	0	19.26	8.66	95.9
338	05/15/98	100	19.26	8.66	95.8
339	05/15/98	200	19.25	8.63	95.6
340	05/15/98	300	19.25	8.55	94.7
341	05/15/98	400	19.24	8.49	94.0
342	05/15/98	500	19.22	8.44	93.5
343	05/15/98	600	19.21	8.41	93.1
344	05/15/98	700	19.19	8.31	91.5
345	05/15/98	800	19.16	8.27	91.4
346	05/15/98	900	19.14	8.22	90.9
347	05/15/98	1000	19.14	8.15	90.0
348	05/15/98	1100	19.10	8.09	89.3
349	05/15/98	1200	19.08	8.02	88.6
350	05/15/98	1300	19.11	8.04	88.8
351	05/15/98	1400	19.14	8.05	88.9
352	05/15/98	1500	19.15	8.01	88.5
353	05/15/98	1600	19.14	7.90	87.4
354	05/15/98	1700	19.23	7.96	88.2
355	05/15/98	1800	19.45	8.05	89.5
356	05/15/98	1900	19.61	8.10	90.4
357	05/15/98	2000	19.69	8.13	90.8
358	05/15/98	2100	19.77	8.12	90.9
359	05/15/98	2200	19.82	8.15	91.3
360	05/15/98	2300	19.89	8.19	91.9
361	05/16/98	0	19.90	8.16	91.5
362	05/16/98	100	19.79	8.05	90.1
363	05/16/98	200	19.78	7.97	89.2
364	05/16/98	300	19.81	7.93	88.8
365	05/16/98	400	19.88	7.95	89.2
366	05/16/98	500	19.87	7.87	88.3
367	05/16/98	600	19.79	7.87	88.8
368	05/16/98	700	19.76	7.72	86.4
369	05/16/98	800	19.74	7.71	86.2
370	05/16/98	900	19.86	7.75	86.9
371	05/16/98	1000	19.92	7.77	87.2
372	05/16/98	1100	19.97	7.75	87.1
373	05/16/98	1200	20.04	7.77	87.4
374	05/16/98	1300	20.10	7.80	87.9
375	05/16/98	1400	20.13	7.75	87.4

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
376	05/16/98	1500	20.20	7.81	88.2	88.2
377	05/16/98	1600	20.27	7.82	88.4	88.4
378	05/16/98	1700	20.31	7.79	88.1	88.1
379	05/16/98	1800	20.34	7.82	88.6	88.6
380	05/16/98	1900	20.36	7.81	88.4	88.4
381	05/16/98	2000	20.39	7.81	88.5	88.5
382	05/16/98	2100	20.40	7.83	88.8	88.8
383	05/16/98	2200	20.43	7.91	89.7	89.7
384	05/16/98	2300	20.46	7.98	90.6	90.6
385	05/17/98	0	20.54	7.98	90.7	90.7
386	05/17/98	100	20.58	7.98	90.8	90.8
387	05/17/98	200	20.59	7.98	90.8	90.8
388	05/17/98	300	20.59	7.93	90.2	90.2
389	05/17/98	400	20.59	7.90	89.9	89.9
390	05/17/98	500	20.58	7.87	89.5	89.5
391	05/17/98	600	20.53	7.80	88.6	88.6
392	05/17/98	700	20.49	7.75	88.0	88.0
393	05/17/98	800	20.46	7.73	87.7	87.7
394	05/17/98	900	20.46	7.68	86.9	86.9
395	05/17/98	1000	20.44	7.66	86.9	86.9
396	05/17/98	1100	20.39	7.65	86.8	86.8
397	05/17/98	1200	20.36	7.67	86.8	86.8
398	05/17/98	1300	20.37	7.63	86.5	86.5
399	05/17/98	1400	20.46	7.66	87.0	87.0
400	05/17/98	1500	20.50	7.60	86.3	86.3
401	05/17/98	1600	20.44	7.56	85.7	85.7
402	05/17/98	1700	20.43	7.59	86.0	86.0
403	05/17/98	1800	20.44	7.54	85.6	85.6
404	05/17/98	1900	20.63	7.54	85.7	85.7
405	05/17/98	2000	20.63	7.54	85.8	85.8
406	05/17/98	2100	20.67	7.46	85.0	85.0
407	05/17/98	2200	20.69	7.48	85.3	85.3
408	05/17/98	2300	20.50	7.69	88.0	88.0
409	05/18/98	0	20.97	7.82	88.6	88.6
410	05/18/98	100	21.08	7.78	88.9	88.9
411	05/18/98	200	21.04	7.77	88.2	88.2
412	05/18/98	300	21.03	7.72	88.5	88.5
413	05/18/98	400	21.00	7.67	88.0	88.0
414	05/18/98	500	20.93	7.59	86.9	86.9
415	05/18/98	600	20.88	7.47	85.5	85.5
416	05/18/98	700	20.81	7.44	85.0	85.0
417	05/18/98	800	20.78	7.38	84.3	84.3
418	05/18/98	900	20.72	7.35	83.9	83.9
419	05/18/98	1000	20.69	7.25	82.6	82.6
420	05/18/98	1100	20.62	7.20	81.9	81.9
421	05/18/98	1200	20.55	7.15	81.2	81.2
422	05/18/98	1300	20.52	7.16	81.4	81.4
423	05/18/98	1400	20.41	7.00	79.3	79.3
424	05/18/98	1500	20.52	7.07	80.3	80.3
425	05/18/98	1600	20.57	6.98	79.3	79.3
426	05/18/98	1700	20.57	6.94	78.8	78.8
427	05/18/98	1800	20.61	6.85	78.0	78.0
428	05/18/98	1900	20.68	6.83	78.0	78.0
429	05/18/98	2000	20.87	6.97	78.9	78.9
430	05/18/98	2100	21.06	7.14	82.0	82.0
431	05/18/98	2200	21.20	7.23	83.3	83.3
432	05/18/98	2300	21.26	7.33	84.4	84.4
433	05/19/98	0	21.28	7.26	83.8	83.8
434	05/19/98	100	21.36	7.41	85.6	85.6
435	05/19/98	200	21.31	7.25	83.7	83.7
436	05/19/98	300	21.31	7.30	84.2	84.2
437	05/19/98	400	21.22	7.21	83.1	83.1
438	05/19/98	500	21.16	7.04	81.0	81.0
439	05/19/98	600	21.10	6.96	80.0	80.0
440	05/19/98	700	21.10	6.88	79.1	79.1
441	05/19/98	800	20.94	6.98	80.0	80.0
442	05/19/98	900	21.15	7.06	81.2	81.2
443	05/19/98	1000	21.26	7.13	82.2	82.2
444	05/19/98	1100	21.43	7.27	84.1	84.1
445	05/19/98	1200	21.34	7.10	82.0	82.0
446	05/19/98	1300	21.45	7.14	82.7	82.7
447	05/19/98	1400	21.39	7.36	85.1	85.1
448	05/19/98	1500	21.57	7.34	85.1	85.1
449	05/19/98	1600	21.66	7.45	86.5	86.5
450	05/19/98	1700	21.77	7.33	85.3	85.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
451	05/19/98	1800	21.86	7.36	85.8
452	05/19/98	1900	21.95	7.38	86.2
453	05/19/98	2000	21.98	7.31	85.4
454	05/19/98	2100	22.04	7.43	87.0
455	05/19/98	2200	22.16	7.58	89.0
456	05/19/98	2300	22.27	7.52	88.2
457	05/20/98	0	22.27	7.59	89.3
458	05/20/98	100	22.27	7.69	90.4
459	05/20/98	200	22.29	7.74	91.0
460	05/20/98	300	22.27	7.74	90.9
461	05/20/98	400	22.21	7.67	90.0
462	05/20/98	500	22.16	7.53	90.0
463	05/20/98	600	22.10	7.42	88.3
464	05/20/98	700	22.06	7.42	86.9
465	05/20/98	800	22.05	7.35	86.1
466	05/20/98	900	22.11	7.38	86.4
467	05/20/98	1000	22.25	7.37	86.3
468	05/20/98	1100	22.22	7.40	87.0
469	05/20/98	1200	22.36	7.67	90.1
470	05/20/98	1300	22.50	7.82	92.1
471	05/20/98	1400	22.69	8.01	94.6
472	05/20/98	1500	22.61	8.08	95.6
473	05/20/98	1600	22.70	8.09	95.8
474	05/20/98	1700	22.81	8.10	96.0
475	05/20/98	1800	22.72	8.17	97.0
476	05/20/98	1900	22.66	8.09	95.9
477	05/20/98	2000	22.65	7.97	94.4
478	05/20/98	2100	22.52	8.02	94.9
479	05/20/98	2200	22.39	7.84	92.6
480	05/20/98	2300	22.30	7.72	91.5
481	05/21/98	0	22.21	7.72	90.6
482	05/21/98	100	22.18	7.71	90.5
483	05/21/98	200	22.14	7.63	89.4
484	05/21/98	300	22.07	7.53	88.2
485	05/21/98	400	22.00	7.54	88.1
486	05/21/98	500	21.95	7.44	86.9
487	05/21/98	600	21.86	7.40	86.3
488	05/21/98	700	21.80	7.45	86.8
489	05/21/98	800	21.77	7.49	87.2
490	05/21/98	900	21.73	7.38	85.9
491	05/21/98	1000	21.73	7.42	86.3
492	05/21/98	1100	21.87	7.50	87.3
493	05/21/98	1200	21.87	7.58	88.4
494	05/21/98	1300	22.07	7.76	90.9
495	05/21/98	1400	22.27	8.15	95.8
496	05/21/98	1500	22.44	8.30	97.9
497	05/21/98	1600	22.37	8.36	98.5
498	05/21/98	1700	22.29	8.26	97.2
499	05/21/98	1800	22.14	8.19	96.0
500	05/21/98	1900	22.07	8.21	96.1
501	05/21/98	2000	21.95	8.09	94.5
502	05/21/98	2100	21.93	8.11	94.7
503	05/21/98	2200	22.02	8.27	96.0
504	05/21/98	2300	21.96	8.21	96.5
505	05/22/98	0	21.93	8.27	96.5
506	05/22/98	100	21.84	8.15	95.0
507	05/22/98	200	21.74	8.15	94.8
508	05/22/98	300	21.64	8.02	93.1
509	05/22/98	400	21.50	7.96	92.1
510	05/22/98	500	21.40	7.83	91.9
511	05/22/98	600	21.32	7.83	90.4
512	05/22/98	700	21.22	7.81	90.0
513	05/22/98	800	21.17	7.73	88.9
514	05/22/98	900	21.13	7.64	87.9
515	05/22/98	1000	21.15	7.64	88.1
516	05/22/98	1100	21.21	7.73	89.1
517	05/22/98	1200	21.24	7.75	89.9
518	05/22/98	1300	21.24	7.75	89.3
519	05/22/98	1400	21.26	7.71	88.8
520	05/22/98	1500	21.30	7.68	88.6
521	05/22/98	1600	21.27	7.70	88.7
522	05/22/98	1700	21.29	7.76	89.6
523	05/22/98	1800	21.38	7.92	91.5
524	05/22/98	1900	21.31	7.97	92.0
525	05/22/98	2000	21.27	7.98	92.0

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
526	05/22/98	2100	21.24	8.02	92.4
527	05/22/98	2200	21.27	8.07	93.0
528	05/22/98	2300	21.23	8.02	92.4
529	05/23/98	0	21.17	7.97	91.7
531	05/23/98	100	21.10	7.81	89.8
532	05/23/98	200	21.04	7.68	88.1
533	05/23/98	300	20.97	7.53	86.4
534	05/23/98	400	20.92	7.44	85.2
535	05/23/98	500	20.87	7.49	85.7
536	05/23/98	600	20.80	7.48	85.4
537	05/23/98	700	20.73	7.53	85.9
538	05/23/98	800	20.70	7.60	86.7
539	05/23/98	900	20.66	7.62	86.7
540	05/23/98	1000	20.61	7.65	87.1
541	05/23/98	1100	20.63	7.73	88.0
542	05/23/98	1200	20.63	7.80	88.9
543	05/23/98	1300	20.67	7.83	88.9
544	05/23/98	1400	20.63	7.76	88.3
545	05/23/98	1500	20.68	7.81	89.0
546	05/23/98	1600	20.63	7.84	89.3
547	05/23/98	1700	20.63	7.80	88.6
548	05/23/98	1800	20.65	7.98	90.8
549	05/23/98	1900	20.63	8.00	91.1
550	05/23/98	2000	20.62	8.07	91.8
551	05/23/98	2100	20.63	8.14	92.6
552	05/23/98	2200	20.62	8.09	92.2
553	05/23/98	2300	20.66	8.11	92.4
554	05/24/98	0	20.67	8.08	92.1
555	05/24/98	100	20.66	8.06	91.8
556	05/24/98	200	20.63	7.92	90.2
557	05/24/98	300	20.59	7.88	89.6
558	05/24/98	400	20.53	7.76	88.1
559	05/24/98	500	20.46	7.76	88.0
560	05/24/98	600	20.44	7.65	86.8
561	05/24/98	700	20.38	7.72	87.4
562	05/24/98	800	20.31	7.63	86.3
563	05/24/98	900	20.28	7.61	85.0
564	05/24/98	1000	20.25	7.59	85.7
565	05/24/98	1100	20.22	7.59	85.7
566	05/24/98	1200	20.17	7.55	85.1
567	05/24/98	1300	20.04	7.58	85.3
568	05/24/98	1400	19.97	7.60	85.4
569	05/24/98	1500	19.97	7.67	86.2
570	05/24/98	1600	19.98	7.73	86.8
571	05/24/98	1700	20.00	7.77	87.3
572	05/24/98	1800	19.99	7.78	87.4
573	05/24/98	1900	19.95	7.74	86.9
574	05/24/98	2000	19.88	7.67	86.0
575	05/24/98	2100	19.83	7.59	85.1
576	05/24/98	2200	19.83	7.51	84.2
577	05/25/98	2300	19.85	7.52	84.3
578	05/25/98	0	19.83	7.48	83.8
579	05/25/98	100	19.79	7.51	84.1
580	05/25/98	200	19.78	7.53	84.3
581	05/25/98	300	19.73	7.48	83.7
582	05/25/98	400	19.68	7.52	84.1
583	05/25/98	500	19.67	7.58	84.7
584	05/25/98	600	19.62	7.52	84.0
585	05/25/98	700	19.60	7.45	83.2
586	05/25/98	800	19.57	7.47	83.3
587	05/25/98	900	19.53	7.43	82.7
588	05/25/98	1000	19.55	7.53	83.9
589	05/25/98	1100	19.66	7.59	84.8
590	05/25/98	1200	19.82	7.65	85.7
591	05/25/98	1300	19.97	7.69	86.4
592	05/25/98	1400	20.22	7.83	88.4
593	05/25/98	1500	20.37	8.01	90.7
594	05/25/98	1600	20.34	7.96	90.1
595	05/25/98	1700	20.38	7.88	89.4
596	05/25/98	1800	20.32	7.67	86.8
597	05/25/98	1900	20.31	7.74	87.6
598	05/25/98	2000	20.18	7.71	87.0
599	05/25/98	2100	20.13	7.79	87.8
600	05/25/98	2200	20.13	7.83	88.3
600	05/25/98	2300	20.05	7.84	88.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
601	05/26/98	0	20.13	7.89		88.9
602	05/26/98	100	20.09	7.86		88.5
603	05/26/98	200	20.07	7.91		89.1
604	05/26/98	300	20.07	7.96		89.6
605	05/26/98	400	19.99	7.91		88.9
606	05/26/98	500	19.93	7.90		88.6
607	05/26/98	600	19.85	7.90		88.6
608	05/26/98	700	19.75	7.81		87.4
609	05/26/98	800	19.71	7.84		87.6
610	05/26/98	900	19.66	7.81		87.2
611	05/26/98	1000	19.59	7.83		87.6
612	05/26/98	1100	19.78	7.85		87.9
613	05/26/98	1200	19.83	7.94		89.0
614	05/26/98	1300	19.80	7.86		88.0
615	05/26/98	1400	19.78	7.66		85.8
616	05/26/98	1500	19.89	7.76		87.1
617	05/26/98	1600	19.89	7.85		88.1
618	05/26/98	1700	19.83	7.83		87.8
619	05/26/98	1800	19.82	7.90		88.5
620	05/26/98	1900	19.80	7.86		88.0
621	05/26/98	2000	19.73	7.81		87.3
622	05/26/98	2100	19.66	7.79		87.0
623	05/26/98	2200	19.71	7.73		86.5
624	05/26/98	2300	19.76	7.69		86.1
625	05/27/98	0	19.78	7.71		86.3
626	05/27/98	100	19.82	7.67		86.0
627	05/27/98	200	19.83	7.65		85.7
628	05/27/98	300	19.83	7.60		85.2
629	05/27/98	400	19.81	7.46		83.4
630	05/27/98	500	19.76	7.30		81.7
631	05/27/98	600	19.69	7.14		79.8
632	05/27/98	700	19.59	7.04		78.5
633	05/27/98	800	19.49	6.94		77.3
634	05/27/98	900	19.43	6.90		76.8
635	05/27/98	1000	19.39	6.86		76.2
636	05/27/98	1100	19.34	6.78		75.2
637	05/27/98	1200	19.29	6.72		74.5
638	05/27/98	1300	19.27	6.71		74.4
639	05/27/98	1400	19.26	6.83		75.7
640	05/27/98	1500	19.23	6.92		76.7
641	05/27/98	1600	19.24	7.07		78.4
642	05/27/98	1700	19.26	7.08		78.5
643	05/27/98	1800	19.31	7.02		77.9
644	05/27/98	1900	19.41	7.11		79.0
645	05/27/98	2000	19.56	7.18		80.0
646	05/27/98	2100	19.77	7.37		82.5
647	05/27/98	2200	19.88	7.51		84.2
648	05/27/98	2300	19.93	7.53		84.5
649	05/28/98	0	19.98	7.55		84.9
650	05/28/98	100	20.06	7.64		86.1
651	05/28/98	200	20.04	7.66		86.1
652	05/28/98	300	20.04	7.51		84.5
653	05/28/98	400	20.03	7.47		84.1
654	05/28/98	500	20.04	7.35		82.8
655	05/28/98	600	19.99	7.26		81.6
656	05/28/98	700	19.95	7.20		80.9
657	05/28/98	800	19.93	7.22		81.1
658	05/28/98	900	19.93	7.23		81.2
659	05/28/98	1000	19.97	7.06		79.3
660	05/28/98	1100	19.92	6.93		77.8
661	05/28/98	1200	19.89	6.78		76.1
662	05/28/98	1300	19.95	7.03		78.2
663	05/28/98	1400	19.97	6.93		77.1
664	05/28/98	1500	20.16	7.18		80.3
665	05/28/98	1600	20.25	7.37		82.5
666	05/28/98	1700	20.35	7.49		84.1
667	05/28/98	1800	20.48	7.66		85.0
668	05/28/98	1900	20.56	7.83		86.5
669	05/28/98	2000	20.69	8.02		88.4
670	05/28/98	2100	20.95	8.02		91.0
671	05/28/98	2200	21.04	8.08		91.8
672	05/28/98	2300	21.10	8.12		92.4
673	05/29/98	0	21.09	8.02		91.3
674	05/29/98	100	21.12	8.06		91.3
675	05/29/98	200	21.18	8.07		92.0

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
676	05/29/98	300	21.19	8.13	92.7
677	05/29/98	400	21.21	8.14	92.8
678	05/29/98	500	21.21	8.01	91.4
679	05/29/98	600	21.23	8.02	91.5
680	05/29/98	700	21.25	7.96	90.9
681	05/29/98	800	21.25	7.89	90.1
682	05/29/98	900	21.28	7.93	90.6
683	05/29/98	1000	21.32	7.93	90.7
684	05/29/98	1100	21.34	7.88	90.2
685	05/29/98	1200	21.48	7.97	91.4
686	05/29/98	1300	21.65	8.13	93.6
687	05/29/98	1400	21.85	8.35	96.5
688	05/29/98	1500	22.15	8.88	100.8
689	05/29/98	1600	22.34	8.88	103.5
690	05/29/98	1700	22.51	9.08	106.2
691	05/29/98	1800	22.69	9.14	107.3
692	05/29/98	1900	22.65	9.09	106.6
693	05/29/98	2000	22.60	8.93	103.5
694	05/29/98	2100	22.41	8.75	102.2
695	05/29/98	2200	22.35	8.71	101.6
696	05/29/98	2300	22.25	8.61	100.2
697	05/30/98	0	22.17	8.41	97.8
698	05/30/98	100	22.06	8.33	96.7
699	05/30/98	200	21.98	8.31	96.2
700	05/30/98	300	21.89	8.22	95.0
701	05/30/98	400	21.87	8.25	95.5
702	05/30/98	500	21.78	8.22	94.8
703	05/30/98	600	21.71	8.09	93.2
704	05/30/98	700	21.65	8.07	92.9
705	05/30/98	800	21.59	8.10	93.2
706	05/30/98	900	21.58	8.14	93.5
707	05/30/98	1000	21.52	8.06	92.5
708	05/30/98	1100	21.49	8.08	92.7
709	05/30/98	1200	21.48	8.13	93.3
710	05/30/98	1300	21.43	8.06	92.3
711	05/30/98	1400	21.41	8.01	91.7
712	05/30/98	1500	21.39	8.00	91.5
713	05/30/98	1600	21.35	7.98	91.4
714	05/30/98	1700	21.32	7.97	91.1
715	05/30/98	1800	21.27	7.94	90.7
716	05/30/98	1900	21.24	8.00	91.3
717	05/30/98	2000	21.18	7.92	90.3
718	05/30/98	2100	21.15	7.99	91.1
719	05/30/98	2200	21.12	8.03	91.5
720	05/30/98	2300	21.06	8.09	92.0
721	05/31/98	0	21.02	8.07	91.7
722	05/31/98	100	20.95	7.93	90.0
723	05/31/98	200	20.92	7.88	89.4
724	05/31/98	300	20.84	7.79	88.2
725	05/31/98	400	20.78	7.71	87.2
726	05/31/98	500	20.74	7.68	86.8
727	05/31/98	600	20.67	7.48	84.4
728	05/31/98	700	20.65	7.43	83.8
729	05/31/98	800	20.62	7.45	84.1
730	05/31/98	900	20.59	7.38	83.2
731	05/31/98	1000	20.58	7.50	84.6
732	05/31/98	1100	20.58	7.52	84.8
733	05/31/98	1200	20.55	7.58	85.4
734	05/31/98	1300	20.55	7.56	85.2
735	05/31/98	1400	20.63	7.71	86.9
736	05/31/98	1500	20.68	7.72	87.2
737	05/31/98	1600	20.68	7.87	88.9
738	05/31/98	1700	20.69	7.94	89.6
739	05/31/98	1800	20.67	7.86	88.7
740	05/31/98	1900	20.60	7.96	89.8
741	05/31/98	2000	20.55	7.94	89.4
742	05/31/98	2100	20.48	7.88	88.6
743	05/31/98	2200	20.39	7.79	87.5
744	05/31/98	2300	20.32	7.58	85.1
745	06/01/98	0	20.23	7.55	85.0
746	06/01/98	100	20.18	7.59	84.9
747	06/01/98	200	20.11	7.47	83.4
748	06/01/98	300	20.06	7.48	83.4
749	06/01/98	400	19.99	7.30	81.4
750	06/01/98	500	19.90	7.40	82.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
751	06/01/98	600	19.80	7.42	82.3	82.3
752	06/01/98	700	19.71	7.33	81.2	81.2
753	06/01/98	800	19.62	7.30	80.8	80.8
754	06/01/98	900	19.61	7.13	78.8	78.8
755	06/01/98	1000	19.59	7.39	81.7	81.7
756	06/01/98	1100	19.47	7.46	82.3	82.3
757	06/01/98	1200	19.43	7.71	84.9	84.9
758	06/01/98	1300	19.40	7.61	83.7	83.7
759	06/01/98	1400	19.36	7.61	83.8	83.8
760	06/01/98	1500	19.38	7.66	84.3	84.3
761	06/01/98	1600	19.42	7.74	85.2	85.2
762	06/01/98	1700	19.43	7.76	85.4	85.4
763	06/01/98	1800	19.49	7.76	85.6	85.6
764	06/01/98	1900	19.49	7.76	85.6	85.6
765	06/01/98	2000	19.50	7.82	86.2	86.2
766	06/01/98	2100	19.50	7.93	87.4	87.4
767	06/01/98	2200	19.47	7.95	87.6	87.6
768	06/01/98	2300	19.45	7.97	87.9	87.9
769	06/02/98	0	19.40	8.13	89.5	89.5
770	06/02/98	100	19.33	8.12	89.3	89.3
771	06/02/98	200	19.30	8.08	88.8	88.8
772	06/02/98	300	19.26	8.08	88.8	88.8
773	06/02/98	400	19.19	8.09	88.6	88.6
774	06/02/98	500	19.12	7.99	87.5	87.5
775	06/02/98	600	19.07	7.95	86.9	86.9
776	06/02/98	700	18.95	7.75	84.5	84.5
777	06/02/98	800	18.85	7.81	85.0	85.0
778	06/02/98	900	18.73	7.66	83.1	83.1
779	06/02/98	1000	18.61	7.67	83.1	83.1
780	06/02/98	1100	18.47	7.62	82.3	82.3
781	06/02/98	1200	18.39	7.60	81.9	81.9
782	06/02/98	1300	18.37	8.06	86.9	86.9
783	06/02/98	1400	18.32	8.01	86.3	86.3
784	06/02/98	1500	18.27	8.05	86.6	86.6
785	06/02/98	1600	18.25	8.17	87.9	87.9
786	06/02/98	1700	18.22	8.15	87.6	87.6
787	06/02/98	1800	18.23	8.22	88.4	88.4
788	06/02/98	1900	18.20	8.29	89.3	89.3
789	06/02/98	2000	18.20	8.25	88.6	88.6
790	06/02/98	2100	18.23	8.32	89.4	89.4
791	06/02/98	2200	18.22	8.30	89.2	89.2
792	06/02/98	2300	18.20	8.31	89.2	89.2
793	06/03/98	0	18.13	8.28	88.8	88.8
794	06/03/98	100	18.04	8.24	88.2	88.2
795	06/03/98	200	17.98	8.25	88.3	88.3
796	06/03/98	300	17.89	7.97	85.1	85.1
797	06/03/98	400	17.82	8.00	85.8	85.8
798	06/03/98	500	17.79	8.00	85.2	85.2
799	06/03/98	600	17.74	8.02	85.4	85.4
800	06/03/98	700	17.65	7.93	84.2	84.2
801	06/03/98	800	17.57	7.96	84.5	84.5
802	06/03/98	900	17.52	8.16	86.5	86.5
803	06/03/98	1000	17.50	8.20	86.9	86.9
804	06/03/98	1100	17.50	8.22	87.1	87.1
805	06/03/98	1200	17.40	8.10	85.6	85.6
806	06/03/98	1300	17.40	8.24	87.1	87.1
807	06/03/98	1400	17.43	8.22	86.9	86.9
808	06/03/98	1500	17.43	8.12	85.9	85.9
809	06/03/98	1600	17.50	8.19	86.7	86.7
810	06/03/98	1700	17.50	8.21	87.0	87.0
811	06/03/98	1800	17.53	8.37	88.7	88.7
812	06/03/98	1900	17.64	8.50	90.3	90.3
813	06/03/98	2000	17.65	8.64	91.8	91.8
814	06/03/98	2100	17.62	8.42	89.4	89.4
815	06/03/98	2200	17.52	8.30	88.4	88.4
816	06/03/98	2300	17.48	8.35	88.4	88.4
817	06/04/98	0	17.42	8.29	87.7	87.7
818	06/04/98	100	17.42	8.43	89.1	89.1
819	06/04/98	200	17.37	8.54	90.2	90.2
820	06/04/98	300	17.31	8.39	88.4	88.4
821	06/04/98	400	17.26	8.28	87.2	87.2
822	06/04/98	500	17.21	8.17	85.9	85.9
823	06/04/98	600	17.16	8.29	87.1	87.1
824	06/04/98	700	17.06	8.06	84.5	84.5
825	06/04/98	800	17.03	8.03	84.3	84.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
826	06/04/98	900	17.01	8.19	85.8
827	06/04/98	1000	17.06	8.32	87.3
828	06/04/98	1100	17.13	8.56	90.0
829	06/04/98	1200	17.15	8.64	90.8
830	06/04/98	1300	17.25	8.66	91.2
831	06/04/98	1400	17.25	8.49	89.5
832	06/04/98	1500	17.28	8.76	92.3
833	06/04/98	1600	17.28	8.87	93.5
834	06/04/98	1700	17.30	8.71	91.9
835	06/04/98	1800	17.45	8.78	92.9
836	06/04/98	1900	17.33	8.66	91.4
837	06/04/98	2000	17.38	8.85	93.5
838	06/04/98	2100	17.28	8.63	91.0
839	06/04/98	2200	17.18	8.49	89.3
840	06/04/98	2300	17.09	8.56	89.9
841	06/05/98	0	17.06	8.83	92.6
842	06/05/98	100	16.98	8.54	89.5
843	06/05/98	200	16.89	8.70	91.0
844	06/05/98	300	16.79	8.37	87.3
845	06/05/98	400	16.74	8.41	87.7
846	06/05/98	500	16.71	8.42	87.7
847	06/05/98	600	16.67	8.30	86.4
848	06/05/98	700	16.67	8.37	87.1
849	06/05/98	800	16.64	8.38	87.2
850	06/05/98	900	16.62	8.40	87.4
851	06/05/98	1000	16.62	8.33	86.7
852	06/05/98	1100	16.67	8.43	87.8
853	06/05/98	1200	16.69	8.59	89.4
854	06/05/98	1300	16.72	8.61	88.6
855	06/05/98	1400	16.74	8.53	88.9
856	06/05/98	1500	16.82	8.71	91.0
857	06/05/98	1600	16.84	8.84	92.4
858	06/05/98	1700	16.89	8.84	92.4
859	06/05/98	1800	16.86	8.81	92.1
860	06/05/98	1900	16.84	8.72	91.0
861	06/05/98	2000	16.82	8.86	92.5
862	06/05/98	2100	16.72	8.51	88.6
863	06/05/98	2200	16.64	8.38	87.2
864	06/05/98	2300	16.57	8.20	85.1
865	06/06/98	0	16.54	8.15	84.5
866	06/06/98	100	16.50	8.30	86.1
867	06/06/98	200	16.47	8.17	84.7
868	06/06/98	300	16.45	8.22	85.1
869	06/06/98	400	16.40	8.20	84.9
870	06/06/98	500	16.35	8.07	83.4
871	06/06/98	600	16.32	8.16	84.7
872	06/06/98	700	16.30	8.15	84.3
873	06/06/98	800	16.30	8.01	82.8
874	06/06/98	900	16.32	7.96	82.2
875	06/06/98	1000	16.44	8.42	87.2
876	06/06/98	1100	16.50	8.30	86.1
877	06/06/98	1200	16.59	8.57	89.1
878	06/06/98	1300	16.64	8.45	87.8
879	06/06/98	1400	16.67	8.65	90.0
880	06/06/98	1500	16.77	8.85	92.3
881	06/06/98	1600	16.74	8.87	92.5
882	06/06/98	1700	16.62	8.77	91.2
883	06/06/98	1800	16.66	8.06	94.3
884	06/06/98	1900	16.61	8.77	91.1
885	06/06/98	2000	16.57	8.86	92.0
886	06/06/98	2100	16.54	8.77	91.0
887	06/06/98	2200	16.50	8.80	91.2
888	06/06/98	2300	16.47	8.60	89.2
889	06/07/98	0	16.44	8.65	89.6
890	06/07/98	100	16.40	8.52	88.2
891	06/07/98	200	16.37	8.54	88.3
892	06/07/98	300	16.35	8.29	85.7
893	06/07/98	400	16.32	8.43	87.1
894	06/07/98	500	16.29	8.44	87.1
895	06/07/98	600	16.25	8.37	86.3
896	06/07/98	700	16.24	8.42	86.9
897	06/07/98	800	16.24	8.36	86.2
898	06/07/98	900	16.25	8.31	85.7
899	06/07/98	1000	16.29	8.35	86.2
900	06/07/98	1100	16.35	8.25	85.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
901	06/07/98	1200	16.39	8.64		89.4
902	06/07/98	1300	16.47	8.88		92.0
903	06/07/98	1400	16.54	8.89		92.2
904	06/07/98	1500	16.55	9.16		95.1
905	06/07/98	1600	16.59	9.01		93.6
906	06/07/98	1700	16.59	8.81		91.3
907	06/07/98	1800	16.37	8.39		86.8
908	06/07/98	1900	16.42	8.54		88.4
909	06/07/98	2000	16.40	8.51		88.1
910	06/07/98	2100	16.39	8.44		87.3
911	06/07/98	2200	16.37	8.32		86.0
912	06/07/98	2300	16.30	8.15		84.2
913	06/08/98	0	16.32	8.28		85.7
914	06/08/98	100	16.37	8.58		88.7
915	06/08/98	200	16.39	9.13		94.5
916	06/08/98	300	16.35	9.02		93.2
917	06/08/98	400	16.29	8.86		91.4
918	06/08/98	500	16.24	8.88		91.6
919	06/08/98	600	16.20	8.85		91.2
920	06/08/98	700	16.17	8.79		90.6
921	06/08/98	800	16.17	8.80		90.6
922	06/08/98	900	16.18	8.82		90.8
923	06/08/98	1000	16.30	9.01		93.1
924	06/08/98	1100	16.44	9.05		93.7
925	06/08/98	1200	16.49	9.24		95.8
926	06/08/98	1300	16.57	9.32		96.8
927	06/08/98	1400	16.74	9.28		96.7
928	06/08/98	1500	16.94	9.26		96.5
929	06/08/98	1600	16.89	9.34		97.6
930	06/08/98	1700	16.88	9.49		99.2
931	06/08/98	1800	16.82	9.63		100.6
932	06/08/98	1900	16.74	9.30		96.9
933	06/08/98	2000	16.66	9.27		96.5
934	06/08/98	2100	16.66	9.08		94.6
935	06/08/98	2200	16.64	8.98		93.4
936	06/08/98	2300	16.61	8.94		93.4
937	06/09/98	0	16.61	9.05		94.0
938	06/09/98	100	16.67	9.15		95.2
939	06/09/98	200	16.71	9.22		95.0
940	06/09/98	300	16.69	8.96		93.2
941	06/09/98	400	16.67	8.75		91.1
942	06/09/98	500	16.61	8.73		90.7
943	06/09/98	600	16.61	8.61		88.4
944	06/09/98	700	16.54	8.57		88.9
945	06/09/98	800	16.52	8.48		88.0
946	06/09/98	900	16.57	8.47		87.9
947	06/09/98	1000	16.54	8.63		89.5
948	06/09/98	1100	16.42	8.31		86.0
949	06/09/98	1200	16.37	8.12		83.9
950	06/09/98	1300	16.39	8.21		85.0
951	06/09/98	1400	16.37	8.03		83.0
952	06/09/98	1500	16.37	8.57		88.6
953	06/09/98	1600	16.42	9.43		97.6
954	06/09/98	1700	16.44	9.50		98.4
955	06/09/98	1800	16.52	9.67		100.4
956	06/09/98	1900	16.57	9.65		100.2
957	06/09/98	2000	16.59	9.61		99.9
958	06/09/98	2100	16.62	9.68		100.7
959	06/09/98	2200	16.64	9.67		100.6
960	06/09/98	2300	16.67	9.63		100.2
961	06/10/98	0	16.64	9.41		97.9
962	06/10/98	100	16.55	9.02		93.7
963	06/10/98	200	16.54	8.99		93.3
964	06/10/98	300	16.52	8.85		94.2
965	06/10/98	400	16.50	8.85		91.7
966	06/10/98	500	16.50	8.78		91.0
967	06/10/98	600	16.48	8.71		90.3
968	06/10/98	700	16.47	8.55		88.7
969	06/10/98	800	16.45	8.70		90.1
970	06/10/98	900	16.44	8.57		88.8
971	06/10/98	1000	16.44	8.44		87.4
972	06/10/98	1100	16.44	8.44		87.4
973	06/10/98	1200	16.44	8.47		87.7
974	06/10/98	1300	16.45	8.64		89.5
975	06/10/98	1400	16.49	9.04		93.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
976	05/10/98	1500	16.50	8.50	88.2	88.2
977	05/10/98	1600	16.50	8.59	89.0	89.0
978	05/10/98	1700	16.52	8.68	90.1	90.1
979	05/10/98	1800	16.55	8.65	89.7	89.7
980	05/10/98	1900	16.59	8.63	90.8	90.8
981	05/10/98	2000	16.61	8.74	90.7	90.7
982	05/10/98	2100	16.61	8.73	89.9	89.9
983	05/10/98	2200	16.62	8.64	88.1	88.1
984	05/10/98	2300	16.64	8.47	80.0	80.0
985	05/11/98	0	16.64	8.55	88.4	88.4
986	05/11/98	100	16.64	8.50	87.4	87.4
987	05/11/98	200	16.64	8.40	86.8	86.8
988	05/11/98	300	16.62	8.34	86.3	86.3
989	05/11/98	400	16.61	8.30	86.4	86.4
990	05/11/98	500	16.59	8.31	86.4	86.4
991	05/11/98	600	16.59	8.00	83.1	83.1
992	05/11/98	700	16.57	8.10	84.1	84.1
993	05/11/98	800	16.59	8.22	85.4	85.4
994	05/11/98	900	16.59	8.11	84.3	84.3
995	05/11/98	1000	16.61	9.00	93.6	93.6
996	05/11/98	1100	16.61	8.92	92.7	92.7
997	05/11/98	1200	16.61	8.84	91.9	91.9
998	05/11/98	1300	16.64	8.67	90.2	90.2
999	05/11/98	1400	16.62	8.59	89.4	89.4
1000	05/11/98	1500	16.62	8.40	87.4	87.4
1001	05/11/98	1600	16.71	9.56	102.6	102.6
1002	05/11/98	1700	16.78	9.61	103.1	103.1
1003	05/11/98	1800	16.78	9.56	102.6	102.6
1004	05/11/98	1900	16.78	9.58	102.8	102.8
1005	05/11/98	2000	16.78	9.49	101.8	101.8
1006	05/11/98	2100	16.76	9.48	101.7	101.7
1007	05/11/98	2200	16.76	9.50	101.9	101.9
1008	05/11/98	2300	16.73	9.51	102.0	102.0
1009	05/12/98	0	16.70	9.49	101.6	101.6
1010	05/12/98	100	16.68	9.48	101.2	101.2
1011	05/12/98	200	16.61	9.40	100.6	100.6
1012	05/12/98	300	16.59	9.41	100.6	100.6
1013	05/12/98	400	16.56	9.42	100.6	100.6
1014	05/12/98	500	16.53	9.29	99.1	99.1
1015	05/12/98	600	16.51	9.28	99.0	99.0
1016	05/12/98	700	16.49	9.29	99.2	99.2
1017	05/12/98	800	16.49	9.26	98.8	98.8
1018	05/12/98	900	16.54	9.40	100.4	100.4
1019	05/12/98	1000	16.58	9.50	101.6	101.6
1020	05/12/98	1100	16.59	9.61	102.7	102.7
1021	05/12/98	1200	16.61	9.69	103.6	103.6
1022	05/12/98	1300	16.73	9.70	104.0	104.0
1023	05/12/98	1400	16.86	9.75	104.9	104.9
1024	05/12/98	1500	17.05	9.67	104.3	104.3
1025	05/12/98	1600	17.15	9.72	105.1	105.1
1026	05/12/98	1700	17.24	9.68	104.9	104.9
1027	05/12/98	1800	17.41	9.88	107.4	107.4
1028	05/12/98	1900	17.48	9.88	107.4	107.4
1029	05/12/98	2000	17.46	10.00	108.9	108.9
1030	05/12/98	2100	17.32	9.88	108.6	108.6
1031	05/12/98	2200	17.29	9.82	106.6	106.6
1032	05/12/98	2300	17.22	9.77	106.0	106.0
1033	05/13/98	0	17.19	9.68	104.9	104.9
1034	05/13/98	100	17.15	9.58	103.6	103.6
1035	05/13/98	200	17.14	9.45	102.2	102.2
1036	05/13/98	300	17.15	9.46	102.3	102.3
1037	05/13/98	400	17.12	9.37	101.2	101.2
1038	05/13/98	500	17.14	9.28	100.3	100.3
1039	05/13/98	600	17.12	9.24	99.8	99.8
1040	05/13/98	700	17.15	9.30	100.6	100.6
1041	05/13/98	800	17.15	9.25	100.0	100.0
1042	05/13/98	900	17.25	9.42	102.1	102.1
1043	05/13/98	1000	17.31	9.48	102.8	102.8
1044	05/13/98	1100	17.46	9.58	104.3	104.3
1045	05/13/98	1200	17.54	9.59	102.3	102.3
1046	05/13/98	1300	17.82	9.25	101.5	101.5
1047	05/13/98	1400	18.07	9.66	106.5	106.5
1048	05/13/98	1500	18.17	9.65	106.5	106.5
1049	05/13/98	1600	18.23	9.86	109.0	109.0
1050	05/13/98	1700	18.31	9.54	105.7	105.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1051	06/13/98	1800	18.55	9.49	105.6	105.6
1052	06/13/98	1900	18.60	9.56	106.5	106.5
1053	06/13/98	2000	18.83	9.71	108.7	108.7
1054	06/13/98	2100	18.77	9.70	108.5	108.5
1055	06/13/98	2200	18.64	9.38	104.7	104.7
1056	06/13/98	2300	18.72	9.37	104.1	104.1
1057	06/14/98	0	18.72	9.32	104.1	104.1
1058	06/14/98	100	18.74	9.27	103.6	103.6
1059	06/14/98	200	18.72	9.30	103.8	103.8
1060	06/14/98	300	18.71	9.08	101.4	101.4
1061	06/14/98	400	18.71	9.05	101.1	101.1
1062	06/14/98	500	18.65	8.92	99.5	99.5
1063	06/14/98	600	18.64	8.88	99.1	99.1
1064	06/14/98	700	18.59	8.76	97.6	97.6
1065	06/14/98	800	18.57	8.70	96.9	96.9
1066	06/14/98	900	18.62	8.74	97.4	97.4
1067	06/14/98	1000	18.77	8.90	99.6	99.6
1068	06/14/98	1100	18.83	8.97	100.4	100.4
1069	06/14/98	1200	18.88	8.97	100.4	100.4
1070	06/14/98	1300	19.21	9.03	101.2	101.2
1071	06/14/98	1400	19.62	9.27	104.6	104.6
1072	06/14/98	1500	19.76	9.42	106.9	106.9
1073	06/14/98	1600	19.78	9.53	108.7	108.7
1074	06/14/98	1700	19.78	9.58	109.3	109.3
1075	06/14/98	1800	19.85	9.41	107.3	107.3
1076	06/14/98	1900	19.76	9.40	107.4	107.4
1077	06/14/98	2000	19.50	9.26	105.6	105.6
1078	06/14/98	2100	19.69	9.07	103.1	103.1
1079	06/14/98	2200	19.67	9.08	103.4	103.4
1080	06/14/98	2300	19.66	9.12	103.7	103.7
1081	06/15/98	0	19.67	9.10	103.6	103.6
1082	06/15/98	100	19.62	9.05	102.9	102.9
1083	06/15/98	200	19.57	8.87	100.8	100.8
1084	06/15/98	300	19.50	8.76	99.4	99.4
1085	06/15/98	400	19.47	8.76	99.3	99.3
1086	06/15/98	500	19.48	8.69	98.8	98.8
1087	06/15/98	600	19.48	8.71	99.3	99.3
1088	06/15/98	700	19.62	8.74	99.3	99.3
1089	06/15/98	800	19.64	8.99	102.3	102.3
1090	06/15/98	900	19.74	9.19	104.8	104.8
1091	06/15/98	1000	19.86	9.29	106.2	106.2
1092	06/15/98	1100	19.88	9.33	106.6	106.6
1093	06/15/98	1200	20.02	9.42	108.0	108.0
1094	06/15/98	1300	19.97	9.29	106.4	106.4
1096	06/15/98	1400	20.33	9.47	109.3	109.3
1096	06/15/98	1500	20.67	9.64	112.0	112.0
1097	06/15/98	1600	20.77	9.67	112.5	112.5
1098	06/15/98	1700	20.93	9.76	114.0	114.0
1099	06/15/98	1800	21.11	9.85	115.4	115.4
1100	06/15/98	1900	20.98	9.50	111.0	111.0
1101	06/15/98	2000	20.84	9.27	109.0	109.0
1102	06/15/98	2100	20.81	9.20	107.1	107.1
1103	06/15/98	2200	20.72	9.16	106.5	106.5
1104	06/15/98	2300	20.68	9.07	105.3	105.3
1105	06/16/98	0	20.63	9.01	104.5	104.5
1106	06/16/98	100	20.60	9.00	104.4	104.4
1107	06/16/98	200	20.56	8.95	103.8	103.8
1108	06/16/98	300	20.52	8.85	102.8	102.8
1108	06/16/98	400	20.46	8.82	102.5	102.5
1110	06/16/98	500	20.40	8.75	101.1	101.1
1111	06/16/98	600	20.35	8.75	101.0	101.0
1112	06/16/98	700	20.33	8.83	101.9	101.9
1113	06/16/98	800	20.40	9.03	104.3	104.3
1114	06/16/98	900	20.40	9.03	104.3	104.3
1115	06/16/98	1000	20.39	8.96	103.4	103.4
1116	06/16/98	1100	20.38	8.95	103.4	103.4
1117	06/16/98	1200	20.38	8.95	103.4	103.4
1118	06/16/98	1300	20.39	8.95	103.4	103.4
1119	06/16/98	1400	20.79	9.17	106.5	106.5
1120	06/16/98	1500	20.84	9.25	107.7	107.7
1121	06/16/98	1600	20.88	9.19	107.1	107.1
1122	06/16/98	1700	21.18	9.26	108.2	108.2
1123	06/16/98	1800	21.30	9.38	110.8	110.8
1124	06/16/98	1900	21.44	9.42	112.4	112.4
1125	06/16/98	2000	21.44	9.51	112.4	112.4
1125	06/16/98	2000	21.41	9.45	111.7	111.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1126	06/16/98	2100	21.32	9.29	109.3	109.3
1127	06/16/98	2130	21.30	9.20	108.2	108.2
1128	06/16/98	2300	21.23	9.13	107.2	107.2
1129	06/17/98	0	21.18	8.99	105.5	105.5
1130	06/17/98	100	21.16	8.91	104.5	104.5
1131	06/17/98	200	21.14	8.84	103.7	103.7
1132	06/17/98	300	21.14	8.80	103.2	103.2
1133	06/17/98	400	21.09	8.73	102.3	102.3
1134	06/17/98	500	21.12	8.73	102.3	102.3
1135	06/17/98	600	21.11	8.68	101.6	101.6
1136	06/17/98	700	21.07	8.63	101.0	101.0
1137	06/17/98	800	21.04	8.60	100.5	100.5
1138	06/17/98	900	21.11	8.67	101.5	101.5
1139	06/17/98	1000	21.16	8.73	102.3	102.3
1140	06/17/98	1100	21.28	8.83	103.8	103.8
1141	06/17/98	1200	21.48	8.83	104.2	104.2
1142	06/17/98	1300	21.60	8.77	103.7	103.7
1143	06/17/98	1400	21.71	8.87	105.1	105.1
1144	06/17/98	1500	21.64	8.81	104.2	104.2
1145	06/17/98	1600	21.58	8.77	103.6	103.6
1146	06/17/98	1700	21.65	8.74	103.3	103.3
1147	06/17/98	1800	21.60	8.97	106.1	106.1
1148	06/17/98	1900	21.57	8.98	106.1	106.1
1149	06/17/98	2000	21.50	8.90	105.0	105.0
1150	06/17/98	2100	21.54	8.94	105.8	105.8
1151	06/17/98	2200	21.78	9.03	107.2	107.2
1152	06/17/98	2300	21.81	9.01	107.0	107.0
1153	06/18/98	0	21.92	9.10	108.3	108.3
1154	06/18/98	100	21.87	9.10	108.2	108.2
1155	06/18/98	200	21.74	8.98	106.5	106.5
1156	06/18/98	300	21.66	8.83	104.6	104.6
1157	06/18/98	400	21.58	8.75	103.4	103.4
1158	06/18/98	500	21.57	8.73	103.2	103.2
1159	06/18/98	600	21.51	8.69	102.6	102.6
1160	06/18/98	700	21.88	8.78	103.8	103.8
1161	06/18/98	800	21.64	8.82	104.3	104.3
1162	06/18/98	900	21.66	8.90	105.3	105.3
1163	06/18/98	1000	21.78	9.02	107.1	107.1
1164	06/18/98	1100	21.85	9.04	107.4	107.4
1165	06/18/98	1200	21.97	9.19	109.5	109.5
1166	06/18/98	1300	22.28	9.46	113.3	113.3
1167	06/18/98	1400	22.26	9.26	110.8	110.8
1168	06/18/98	1500	22.42	9.28	111.2	111.2
1169	06/18/98	1600	22.56	9.19	110.7	110.7
1170	06/18/98	1700	22.46	8.94	107.5	107.5
1171	06/18/98	1800	22.53	8.92	107.3	107.3
1172	06/18/98	1900	22.69	8.95	108.1	108.1
1173	06/18/98	2000	22.67	8.86	107.0	107.0
1174	06/18/98	2100	22.69	8.85	107.4	107.4
1175	06/18/98	2200	22.49	8.66	104.2	104.2
1176	06/18/98	2300	22.40	8.56	102.8	102.8
1177	06/19/98	0	22.28	8.44	101.2	101.2
1178	06/19/98	100	22.33	8.52	102.2	102.2
1179	06/19/98	200	22.30	8.41	100.8	100.8
1180	06/19/98	300	22.26	8.37	100.2	100.2
1181	06/19/98	400	22.22	8.41	100.7	100.7
1182	06/19/98	500	22.21	8.37	100.1	100.1
1183	06/19/98	600	22.19	8.28	99.0	99.0
1184	06/19/98	700	22.15	8.24	98.4	98.4
1185	06/19/98	800	22.21	8.51	101.8	101.8
1186	06/19/98	900	22.15	8.40	100.4	100.4
1187	06/19/98	1000	22.17	8.41	100.5	100.5
1188	06/19/98	1100	22.21	8.08	96.7	96.7
1189	06/19/98	1200	22.21	8.19	98.0	98.0
1190	06/19/98	1300	22.22	8.10	96.9	96.9
1191	06/19/98	1400	22.21	8.07	96.6	96.6
1192	06/19/98	1500	22.21	8.05	96.3	96.3
1193	06/19/98	1600	22.22	8.02	96.0	96.0
1194	06/19/98	1700	22.21	8.00	95.7	95.7
1195	06/19/98	1800	22.19	7.90	94.5	94.5
1196	06/19/98	1900	22.14	7.77	92.9	92.9
1197	06/19/98	2000	22.17	7.83	93.6	93.6
1198	06/19/98	2100	22.28	7.89	94.5	94.5
1199	06/19/98	2200	22.39	7.93	95.2	95.2
1200	06/19/98	2300	22.46	7.99	96.1	96.1

WHITE RAPIDS TAILRACE 1998 DATA

Obs	Date	Hour	Temp. (Degrees C.)	Dissolved Oxygen (mg/L)	% Saturation	DO
1201	06/20/98	0	22.53	8.16		98.2
1202	06/20/98	100	22.58	8.22		99.1
1203	06/20/98	200	22.64	8.31		100.2
1204	06/20/98	300	22.64	8.29		100.0
1205	06/20/98	400	22.62	8.23		99.3
1206	06/20/98	500	22.60	8.14		98.1
1207	06/20/98	600	22.58	8.20		98.8
1208	06/20/98	700	22.53	8.18		98.5
1209	06/20/98	800	22.49	8.17		98.3
1210	06/20/98	900	22.44	8.13		97.7
1211	06/20/98	1000	22.33	7.93		95.1
1212	06/20/98	1100	22.33	7.84		94.0
1213	06/20/98	1200	22.35	7.90		94.8
1214	06/20/98	1300	22.42	7.98		95.9
1215	06/20/98	1400	22.42	8.02		96.4
1216	06/20/98	1500	22.45	8.05		96.8
1217	06/20/98	1600	22.45	8.01		96.3
1218	06/20/98	1700	22.53	8.01		96.4
1219	06/20/98	1800	22.60	7.99		96.3
1220	06/20/98	1900	22.71	8.00		96.7
1221	06/20/98	2000	22.78	7.97		96.4
1222	06/20/98	2100	22.82	7.87		95.3
1223	06/20/98	2200	22.82	7.75		94.0
1224	06/20/98	2300	22.82	7.64		92.5
1225	06/21/98	0	22.76	7.48		90.5
1226	06/21/98	100	22.80	7.58		91.7
1227	06/21/98	200	22.76	7.45		90.1
1228	06/21/98	300	23.00	7.67		93.2
1229	06/21/98	400	23.15	7.83		95.4
1230	06/21/98	500	23.14	7.84		95.5
1231	06/21/98	600	23.09	7.70		93.7
1232	06/21/98	700	23.03	7.60		92.4
1233	06/21/98	800	22.98	7.60		92.4
1234	06/21/98	900	23.00	7.61		92.7
1235	06/21/98	1000	22.89	7.48		92.7
1236	06/21/98	1100	22.94	7.54		91.6
1237	06/21/98	1200	23.00	7.49		91.6
1238	06/21/98	1300	23.00	7.49		91.6
1239	06/21/98	1400	23.00	7.49		91.6
1240	06/21/98	1500	23.01	7.46		91.5
1241	06/21/98	1600	23.01	7.46		91.5
1242	06/21/98	1700	23.00	7.41		90.6
1243	06/21/98	1800	23.00	7.35		90.0
1244	06/21/98	1900	23.10	7.17		88.1
1245	06/21/98	2000	23.23	7.29		88.8
1246	06/21/98	2100	23.38	7.48		91.2
1247	06/21/98	2200	23.58	7.81		93.2
1248	06/21/98	2300	23.67	7.81		95.9
1249	06/22/98	0	23.72	7.91		97.3
1250	06/22/98	100	23.72	7.85		97.3
1251	06/22/98	200	23.74	7.88		97.9
1252	06/22/98	300	23.74	7.85		97.1
1253	06/22/98	400	23.72	7.79		96.7
1254	06/22/98	500	23.72	7.63		96.0
1255	06/22/98	600	23.69	7.53		93.9
1256	06/22/98	700	23.63	7.53		92.5
1257	06/22/98	800	23.67	7.53		92.5
1258	06/22/98	900	23.69	7.75		95.4
1259	06/22/98	1000	23.69	7.75		95.4
1260	06/22/98	1100	23.58	7.80		96.0
1261	06/22/98	1200	23.50	7.80		96.0
1262	06/22/98	1300	23.54	7.43		91.1
1263	06/22/98	1400	23.65	7.52		92.3
1264	06/22/98	1500	23.65	7.66		94.2
1265	06/22/98	1600	23.76	7.62		93.9
1266	06/22/98	1700	23.81	7.61		93.9
1267	06/22/98	1800	23.89	7.60		93.9
1268	06/22/98	1900	23.98	7.67		94.9
1269	06/22/98	2000	24.03	7.72		95.6
1270	06/22/98	2100	24.16	7.79		96.8
1271	06/22/98	2200	24.33	7.98		99.3
1272	06/22/98	2300	24.51	8.22		103.8
1273	06/22/98	0	24.62	8.22		103.8
1274	06/23/98	100	24.77	8.35		104.7
1275	06/23/98	200	24.75	8.36		104.9
1276	06/23/98	300	24.73	8.13		102.1

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
1276	06/23/98	300	24.69	8.07	101.2	
1277	06/23/98	400	24.66	7.96	99.6	
1278	06/23/98	500	24.62	7.94	99.5	
1279	06/23/98	600	24.56	7.86	98.3	
1280	06/23/98	700	24.52	7.67	95.9	
1281	06/23/98	800	24.45	7.60	94.8	
1282	06/23/98	900	24.44	7.59	94.7	
1283	06/23/98	1000	24.38	7.46	93.1	
1284	06/23/98	1100	24.34	7.38	92.0	
1285	06/23/98	1200	24.34	7.42	92.5	
1286	06/23/98	1300	24.33	7.38	91.9	
1287	06/23/98	1400	24.38	7.46	92.9	
1288	06/23/98	1500	24.47	7.58	94.7	
1289	06/23/98	1600	24.51	7.70	96.3	
1290	06/23/98	1700	24.62	7.69	96.3	
1291	06/23/98	1800	24.58	7.73	96.7	
1292	06/23/98	1900	24.62	7.72	96.7	
1293	06/23/98	2000	24.56	7.59	94.9	
1294	06/23/98	2100	24.55	7.44	93.0	
1295	06/23/98	2200	24.53	7.33	91.7	
1296	06/23/98	2300	24.56	7.27	90.9	
1297	06/24/98	0	24.58	7.28	91.1	
1298	06/24/98	100	24.60	7.27	91.1	
1299	06/24/98	200	24.60	7.29	91.3	
1300	06/24/98	300	24.60	7.34	91.9	
1301	06/24/98	400	24.60	7.29	91.3	
1302	06/24/98	500	24.56	7.22	90.3	
1303	06/24/98	600	24.53	7.15	89.4	
1304	06/24/98	700	24.45	7.00	87.4	
1305	06/24/98	800	24.42	6.93	86.4	
1306	06/24/98	900	24.40	6.85	86.7	
1307	06/24/98	1000	24.33	6.82	84.9	
1308	06/24/98	1100	24.35	6.68	83.1	
1309	06/24/98	1200	24.16	6.52	81.0	
1310	06/24/98	1300	24.10	6.42	79.6	
1311	06/24/98	1400	24.18	6.54	81.2	
1312	06/24/98	1500	24.18	6.70	83.2	
1313	06/24/98	1600	24.15	6.69	83.0	
1314	06/24/98	1700	24.18	6.76	84.0	
1315	06/24/98	1800	24.10	7.34	88.9	
1316	06/24/98	1900	24.14	7.53	91.4	
1317	06/24/98	2000	24.23	7.60	92.3	
1318	06/24/98	2100	24.32	7.76	94.4	
1319	06/24/98	2200	24.34	7.81	95.1	
1320	06/24/98	2300	24.38	7.87	95.8	
1321	06/25/98	0	24.42	7.93	96.6	
1322	06/25/98	100	24.45	7.98	97.3	
1323	06/25/98	200	24.42	7.85	95.7	
1324	06/25/98	300	24.38	7.78	94.8	
1325	06/25/98	400	24.36	7.74	94.2	
1326	06/25/98	500	24.36	7.72	94.1	
1327	06/25/98	600	24.34	7.61	92.6	
1328	06/25/98	700	24.31	7.50	91.2	
1329	06/25/98	800	24.32	7.51	91.4	
1330	06/25/98	900	24.34	7.61	92.7	
1331	06/25/98	1000	24.32	7.43	90.5	
1332	06/25/98	1100	24.34	7.48	91.1	
1333	06/25/98	1200	24.32	7.44	90.6	
1334	06/25/98	1300	24.32	7.40	90.1	
1335	06/25/98	1400	24.27	7.29	88.6	
1336	06/25/98	1500	24.31	7.30	88.9	
1337	06/25/98	1600	24.31	7.35	89.4	
1338	06/25/98	1700	24.28	7.27	88.4	
1339	06/25/98	1800	24.26	7.28	88.5	
1340	06/25/98	1900	24.40	7.61	92.8	
1341	06/25/98	2000	24.44	7.56	92.2	
1342	06/25/98	2100	24.47	7.62	93.0	
1343	06/25/98	2200	24.51	7.70	94.1	
1344	06/25/98	2300	24.54	7.77	95.0	
1345	06/26/98	0	24.54	7.81	95.5	
1346	06/26/98	100	24.53	7.72	94.3	
1347	06/26/98	200	24.51	7.70	94.1	
1348	06/26/98	300	24.43	7.64	93.2	
1349	06/26/98	400	24.38	7.51	91.5	
1350	06/26/98	500	24.34	7.52	91.8	

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1351	06/26/98	600	24.32	7.54		91.8
1352	06/26/98	700	24.25	7.55		91.7
1353	06/26/98	800	24.23	7.53		91.4
1354	06/26/98	900	24.29	7.69		93.5
1355	06/26/98	1000	24.33	7.66		93.2
1356	06/26/98	1100	24.42	7.69		93.8
1357	06/26/98	1200	24.65	7.96		97.4
1358	06/26/98	1300	24.69	8.02		98.2
1359	06/26/98	1400	24.80	8.19		100.6
1360	06/26/98	1500	24.91	8.20		100.9
1361	06/26/98	1600	25.23	8.33		103.1
1362	06/26/98	1700	25.23	8.28		102.2
1363	06/26/98	1800	25.04	8.13		100.3
1364	06/26/98	1900	25.02	8.11		100.0
1365	06/26/98	2000	24.96	7.97		98.1
1366	06/26/98	2100	24.78	7.83		96.1
1367	06/26/98	2200	24.73	7.85		96.3
1368	06/26/98	2300	24.65	7.84		96.0
1370	06/27/98	0	24.52	7.82		96.6
1371	06/27/98	100	24.56	7.71		94.3
1372	06/27/98	200	24.58	7.71		94.2
1373	06/27/98	300	24.62	7.65		93.6
1374	06/27/98	400	24.64	7.56		92.6
1375	06/27/98	500	24.63	7.54		92.3
1376	06/27/98	600	24.62	7.46		91.3
1377	06/27/98	700	24.63	7.45		91.2
1378	06/27/98	800	24.55	7.39		89.2
1379	06/27/98	900	24.47	7.31		89.0
1380	06/27/98	1000	24.45	7.42		90.5
1381	06/27/98	1100	24.45	7.44		90.8
1382	06/27/98	1200	24.42	7.44		92.4
1383	06/27/98	1300	24.49	7.57		92.2
1384	06/27/98	1400	24.47	7.63		93.7
1385	06/27/98	1500	24.42	7.62		93.1
1386	06/27/98	1600	24.49	7.55		92.2
1387	06/27/98	1700	24.50	7.63		93.1
1388	06/27/98	1800	24.49	7.40		90.3
1389	06/27/98	1900	24.42	7.33		89.3
1390	06/27/98	2000	24.40	7.28		88.6
1391	06/27/98	2100	24.38	7.28		88.6
1392	06/27/98	2200	24.35	7.18		87.4
1393	06/28/98	2300	24.32	7.16		87.1
1394	06/28/98	0	24.34	7.31		87.3
1395	06/28/98	100	24.40	6.99		89.0
1396	06/28/98	200	24.34	7.07		89.1
1397	06/28/98	300	24.38	7.07		88.1
1398	06/28/98	400	24.34	7.11		88.4
1399	06/28/98	500	24.31	7.09		86.4
1400	06/28/98	600	24.27	7.09		86.2
1401	06/28/98	700	24.21	7.04		85.6
1402	06/28/98	800	24.18	7.02		85.2
1403	06/28/98	900	24.16	6.98		84.6
1404	06/28/98	1000	24.12	6.82		82.6
1405	06/28/98	1100	24.11	6.78		82.3
1406	06/28/98	1200	24.12	6.75		81.8
1407	06/28/98	1300	24.13	6.82		82.8
1408	06/28/98	1400	24.14	6.82		82.8
1409	06/28/98	1500	24.16	6.80		82.5
1410	06/28/98	1600	24.16	6.70		81.3
1411	06/28/98	1700	24.21	6.76		82.1
1412	06/28/98	1800	24.21	6.85		83.3
1413	06/28/98	1900	24.29	7.05		85.9
1414	06/28/98	2000	24.40	7.26		88.7
1415	06/28/98	2100	24.51	7.41		90.7
1416	06/28/98	2200	24.59	7.65		93.8
1417	06/28/98	2300	24.73	7.75		95.3
1418	06/29/98	0	24.84	7.75		95.3
1419	06/29/98	100	24.89	7.76		95.4
1420	06/29/98	200	24.84	7.55		92.7
1421	06/29/98	300	24.84	7.51		92.3
1422	06/29/98	400	24.79	7.41		91.0
1423	06/29/98	500	24.76	7.40		90.8
1424	06/29/98	600	24.69	7.33		89.8
1425	06/29/98	700	24.62	7.34		89.9
1425	06/29/98	800	24.63	7.39		90.5

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1426	06/29/98	900	24.53	7.33	89.5	89.5
1427	06/29/98	1000	24.42	7.13	87.0	87.0
1428	06/29/98	1100	24.42	6.93	84.5	84.5
1429	06/29/98	1200	24.42	6.96	84.9	84.9
1431	06/29/98	1400	24.47	7.06	86.2	86.2
1432	06/29/98	1500	24.53	7.12	87.0	87.0
1433	06/29/98	1600	24.57	7.13	87.2	87.2
1434	06/29/98	1700	24.61	7.16	87.6	87.6
1435	06/29/98	1800	24.65	7.23	88.5	88.5
1436	06/29/98	1900	24.71	7.36	90.2	90.2
1437	06/29/98	2000	24.84	7.73	94.9	94.9
1438	06/29/98	2100	24.99	8.08	99.5	99.5
1439	06/29/98	2200	25.08	8.32	102.6	102.6
1440	06/29/98	2300	25.12	8.35	103.1	103.1
1441	06/30/98	0	25.17	8.45	104.5	104.5
1442	06/30/98	100	25.12	8.30	102.5	102.5
1443	06/30/98	200	25.12	8.35	103.1	103.1
1444	06/30/98	300	25.10	8.30	102.5	102.5
1445	06/30/98	400	25.04	8.21	101.3	101.3
1446	06/30/98	500	25.00	8.08	99.6	99.6
1447	06/30/98	600	24.95	7.90	98.4	98.4
1448	06/30/98	700	24.89	7.82	97.2	97.2
1449	06/30/98	800	24.86	7.78	96.1	96.1
1450	06/30/98	900	24.78	7.82	95.6	95.6
1451	06/30/98	1000	24.84	7.99	96.0	96.0
1452	06/30/98	1100	24.84	8.07	98.2	98.2
1453	06/30/98	1200	24.93	8.23	99.2	99.2
1454	06/30/98	1300	24.85	8.22	101.3	101.3
1455	06/30/98	1400	25.10	8.37	103.3	103.3
1456	06/30/98	1500	25.30	8.61	106.7	106.7
1457	06/30/98	1600	25.41	8.76	108.8	108.8
1458	06/30/98	1700	25.49	8.87	110.2	110.2
1459	06/30/98	1800	25.53	9.07	112.8	112.8
1460	06/30/98	1900	25.51	9.06	112.7	112.7
1461	06/30/98	2000	25.40	8.85	109.9	109.9
1462	06/30/98	2100	25.32	8.69	107.8	107.8
1463	06/30/98	2200	25.23	8.53	105.6	105.6
1464	06/30/98	2300	25.13	8.29	102.4	102.4
1465	07/01/98	0	25.06	8.20	101.1	101.1
1466	07/01/98	100	24.99	8.18	100.7	100.7
1467	07/01/98	200	24.93	8.08	99.6	99.6
1468	07/01/98	300	24.86	8.06	98.1	98.1
1469	07/01/98	400	24.77	7.99	98.0	98.0
1470	07/01/98	500	24.70	7.81	96.7	96.7
1471	07/01/98	600	24.62	7.72	94.4	94.4
1472	07/01/98	700	24.51	7.64	93.4	93.4
1473	07/01/98	800	24.47	7.60	92.8	92.8
1474	07/01/98	900	24.49	7.78	95.0	95.0
1475	07/01/98	1000	24.54	7.84	95.8	95.8
1476	07/01/98	1100	24.53	7.91	96.6	96.6
1477	07/01/98	1200	24.68	8.28	101.4	101.4
1478	07/01/98	1300	24.72	8.31	101.8	101.8
1479	07/01/98	1400	24.93	8.56	105.4	105.4
1480	07/01/98	1500	25.05	8.56	105.5	105.5
1481	07/01/98	1600	25.19	8.64	106.8	106.8
1482	07/01/98	1700	25.06	8.50	104.9	104.9
1483	07/01/98	1800	25.01	8.49	104.7	104.7
1484	07/01/98	1900	24.89	8.42	103.5	103.5
1485	07/01/98	2000	24.75	8.28	101.5	101.5
1486	07/01/98	2100	24.65	8.16	99.9	99.9
1487	07/01/98	2200	24.58	8.12	99.3	99.3
1488	07/01/98	2300	24.58	8.10	99.1	99.1
1489	07/02/98	0	24.58	8.11	99.2	99.2
1490	07/02/98	100	24.54	8.04	98.3	98.3
1491	07/02/98	200	24.54	8.06	98.5	98.5
1492	07/02/98	300	24.60	8.33	101.8	101.8
1493	07/02/98	400	24.54	8.22	101.6	101.6
1494	07/02/98	500	24.45	8.20	100.0	100.0
1495	07/02/98	600	24.38	8.03	97.9	97.9
1496	07/02/98	700	24.32	8.00	97.4	97.4
1497	07/02/98	800	24.29	8.06	98.0	98.0
1498	07/02/98	900	24.28	8.09	98.4	98.4
1499	07/02/98	1000	24.34	8.30	101.0	101.0
1500	07/02/98	1100	24.23	8.08	98.1	98.1

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1501	07/02/98	1200	24.25	8.16		99.1
1502	07/02/98	1300	24.20	8.06		97.8
1503	07/02/98	1400	24.20	7.88		95.7
1504	07/02/98	1500	24.25	8.09		98.3
1505	07/02/98	1600	24.23	8.21		99.7
1506	07/02/98	1700	24.24	8.12		98.7
1507	07/02/98	1800	24.19	7.99		97.0
1508	07/02/98	1900	24.21	8.10		98.3
1509	07/02/98	2000	24.23	8.10		98.4
1510	07/02/98	2100	24.26	8.10		98.5
1511	07/02/98	2200	24.25	8.05		98.5
1512	07/02/98	2300	24.34	8.25		97.9
1513	07/03/98	0	24.43	8.54		101.7
1514	07/03/98	100	24.45	8.53		104.2
1515	07/03/98	200	24.47	8.55		104.1
1516	07/03/98	300	24.45	8.38		104.3
1517	07/03/98	400	24.45	8.45		102.3
1518	07/03/98	500	24.43	8.29		103.1
1519	07/03/98	600	24.35	8.13		101.1
1520	07/03/98	700	24.36	8.16		99.1
1521	07/03/98	800	24.25	8.01		99.4
1522	07/03/98	900	24.31	8.29		97.3
1523	07/03/98	1000	24.27	8.36		100.8
1524	07/03/98	1100	24.23	8.37		101.6
1525	07/03/98	1200	24.31	8.57		101.7
1526	07/03/98	1300	24.49	8.57		104.3
1527	07/03/98	1400	24.58	8.95		109.2
1528	07/03/98	1500	24.62	9.24		112.9
1529	07/03/98	1600	24.80	9.21		112.7
1530	07/03/98	1700	24.84	9.31		115.2
1531	07/03/98	1800	24.93	9.44		114.4
1532	07/03/98	1900	24.95	9.42		116.2
1533	07/03/98	2000	24.95	9.49		116.0
1534	07/03/98	2100	24.91	9.40		116.8
1535	07/03/98	2200	24.80	9.28		115.6
1536	07/03/98	2300	24.71	9.12		114.0
1537	07/04/98	0	24.55	9.03		111.8
1538	07/04/98	100	24.56	8.94		110.6
1539	07/04/98	200	24.47	8.87		109.3
1540	07/04/98	300	24.40	8.76		108.2
1541	07/04/98	400	24.32	8.61		106.7
1542	07/04/98	500	24.20	8.48		104.8
1543	07/04/98	600	24.14	8.43		103.0
1544	07/04/98	700	24.10	8.37		102.3
1545	07/04/98	800	24.03	8.41		101.6
1546	07/04/98	900	24.02	8.37		101.8
1547	07/04/98	1000	24.08	8.44		101.3
1548	07/04/98	1100	24.14	8.54		102.2
1549	07/04/98	1200	24.25	8.66		103.6
1550	07/04/98	1300	24.42	8.92		105.2
1551	07/04/98	1400	24.64	9.11		108.8
1552	07/04/98	1500	24.71	9.23		111.5
1553	07/04/98	1600	24.77	9.23		113.1
1554	07/04/98	1700	24.84	9.38		113.3
1555	07/04/98	1800	24.95	9.52		115.3
1556	07/04/98	1900	24.93	9.57		117.2
1557	07/04/98	2000	24.88	9.49		116.6
1558	07/04/98	2100	24.82	9.45		116.1
1559	07/04/98	2200	24.67	9.24		113.2
1560	07/04/98	2300	24.58	9.04		110.5
1561	07/05/98	0	24.48	8.90		108.6
1562	07/05/98	100	24.40	8.85		107.9
1563	07/05/98	200	24.32	8.72		106.1
1564	07/05/98	300	24.23	8.56		104.0
1565	07/05/98	400	24.16	8.50		103.1
1566	07/05/98	500	24.10	8.40		101.8
1567	07/05/98	600	24.03	8.36		101.1
1568	07/05/98	700	23.98	8.26		99.8
1569	07/05/98	800	23.94	8.21		98.2
1570	07/05/98	900	23.92	8.13		98.2
1571	07/05/98	1000	23.98	8.39		101.5
1572	07/05/98	1100	23.98	8.38		101.4
1573	07/05/98	1200	23.94	8.15		98.4
1574	07/05/98	1300	23.91	8.08		97.6
1575	07/05/98	1400	23.88	8.02		96.8

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
1576	07/05/98	1500	23.82	7.96	96.0	96.0
1577	07/05/98	1600	23.74	7.94	95.6	95.6
1578	07/05/98	1700	23.74	8.00	96.3	96.3
1579	07/05/98	1800	23.70	7.98	96.0	96.0
1580	07/05/98	1900	23.72	7.98	96.2	96.2
1581	07/05/98	2000	23.79	8.06	97.2	97.2
1582	07/05/98	2100	23.79	8.06	98.3	98.3
1583	07/05/98	2200	23.88	8.17	98.6	98.6
1584	07/05/98	2300	23.89	8.17	98.3	98.3
1585	07/05/98	0	23.92	8.21	98.2	98.2
1586	07/06/98	100	23.92	8.14	98.3	98.3
1587	07/06/98	200	23.89	8.08	97.6	97.6
1588	07/06/98	300	23.83	8.00	96.5	96.5
1589	07/06/98	400	23.76	7.80	94.0	94.0
1590	07/06/98	500	23.70	7.67	92.2	92.2
1591	07/06/98	600	23.69	7.69	92.5	92.5
1592	07/06/98	700	23.65	7.68	92.3	92.3
1593	07/06/98	800	23.55	7.53	84.1	84.1
1594	07/06/98	900	23.65	7.50	94.9	94.9
1595	07/06/98	1000	23.61	7.54	95.3	95.3
1596	07/06/98	1100	23.64	8.18	97.9	97.9
1597	07/06/98	1200	23.63	8.27	99.4	99.4
1598	07/06/98	1300	23.61	8.48	101.8	101.8
1599	07/06/98	1400	23.59	8.50	102.0	102.0
1600	07/06/98	1500	23.59	8.47	101.7	101.7
1601	07/06/98	1600	23.56	8.55	102.6	102.6
1602	07/06/98	1700	23.55	8.47	101.6	101.6
1603	07/06/98	1800	23.52	8.56	102.6	102.6
1604	07/06/98	1900	23.52	8.43	101.1	101.1
1605	07/06/98	2000	23.50	8.31	99.6	99.6
1606	07/06/98	2100	23.50	8.20	98.3	98.3
1607	07/06/98	2200	23.48	8.13	97.4	97.4
1608	07/06/98	2300	23.45	8.08	96.7	96.7
1609	07/07/98	0	23.43	8.05	96.3	96.3
1610	07/07/98	100	23.42	7.99	96.6	96.6
1611	07/07/98	200	23.40	8.04	96.1	96.1
1612	07/07/98	300	23.36	8.03	96.0	96.0
1613	07/07/98	400	23.34	7.90	94.3	94.3
1614	07/07/98	500	23.32	7.87	94.0	94.0
1615	07/07/98	600	23.27	7.80	93.1	93.1
1616	07/07/98	700	23.21	7.81	93.1	93.1
1617	07/07/98	800	23.19	7.85	93.6	93.6
1618	07/07/98	900	23.17	7.80	92.9	92.9
1619	07/07/98	1000	23.16	7.67	91.4	91.4
1620	07/07/98	1100	23.14	7.69	90.4	90.4
1621	07/07/98	1200	23.11	7.54	88.7	88.7
1622	07/07/98	1300	23.07	7.54	88.6	88.6
1623	07/07/98	1400	23.05	7.51	88.3	88.3
1624	07/07/98	1500	23.05	7.44	88.5	88.5
1625	07/07/98	1600	23.03	7.53	89.5	89.5
1626	07/07/98	1700	23.02	7.55	89.8	89.8
1627	07/07/98	1800	23.00	7.62	90.4	90.4
1628	07/07/98	1900	22.98	7.67	91.0	91.0
1629	07/07/98	2000	22.95	7.61	90.3	90.3
1630	07/07/98	2100	22.93	7.60	90.0	90.0
1631	07/07/98	2200	22.91	7.56	89.5	89.5
1632	07/07/98	2300	22.87	7.52	89.1	89.1
1633	07/08/98	0	22.84	7.51	88.8	88.8
1634	07/08/98	100	22.80	7.43	88.2	88.2
1635	07/08/98	200	22.75	7.43	87.8	87.8
1636	07/08/98	300	22.69	7.40	87.3	87.3
1637	07/08/98	400	22.68	7.34	86.7	86.7
1638	07/08/98	500	22.60	7.33	86.4	86.4
1639	07/08/98	600	22.58	7.30	86.0	86.0
1640	07/08/98	700	22.53	7.33	86.3	86.3
1641	07/08/98	800	22.51	7.33	86.3	86.3
1642	07/08/98	900	22.51	7.14	84.0	84.0
1643	07/08/98	1000	22.54	7.17	84.4	84.4
1644	07/08/98	1100	22.56	7.24	85.2	85.2
1645	07/08/98	1200	22.50	7.23	85.3	85.3
1646	07/08/98	1300	22.76	7.56	89.3	89.3
1647	07/08/98	1400	23.02	7.78	92.4	92.4
1648	07/08/98	1500	22.98	7.80	92.6	92.6
1649	07/08/98	1600	22.98	7.80	92.6	92.6
1650	07/08/98	1700	22.76	7.66	90.5	90.5

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1651	07/08/98	1800	22.58	7.54	88.8	88.8
1652	07/08/98	1900	22.44	7.49	88.0	88.0
1653	07/08/98	2000	22.36	7.39	86.7	86.7
1654	07/08/98	2100	22.36	7.32	85.8	85.8
1655	07/08/98	2200	22.33	7.25	85.0	85.0
1656	07/08/98	2300	22.33	7.24	84.9	84.9
1657	07/09/98	0	22.31	7.19	84.2	84.2
1658	07/09/98	100	22.36	7.32	85.9	85.9
1659	07/09/98	200	22.38	7.26	85.2	85.2
1660	07/09/98	300	22.39	7.26	85.2	85.2
1661	07/09/98	400	22.36	7.31	85.7	85.7
1662	07/09/98	500	22.35	7.26	85.1	85.1
1663	07/09/98	600	22.36	7.36	86.3	86.3
1664	07/09/98	700	22.34	7.18	84.2	84.2
1665	07/09/98	800	22.35	7.29	85.5	85.5
1666	07/09/98	900	22.28	7.16	83.8	83.8
1667	07/09/98	1000	22.37	7.25	87.0	87.0
1668	07/09/98	1100	22.41	7.45	89.5	89.5
1669	07/09/98	1200	22.43	7.67	92.2	92.2
1670	07/09/98	1300	22.45	7.65	92.0	92.0
1671	07/09/98	1400	22.61	7.80	94.0	94.0
1672	07/09/98	1500	22.83	8.06	97.6	97.6
1673	07/09/98	1600	23.01	8.24	100.1	100.1
1674	07/09/98	1700	23.59	8.48	104.2	104.2
1675	07/09/98	1800	23.84	8.81	108.8	108.8
1676	07/09/98	1900	23.88	8.89	109.8	109.8
1677	07/09/98	2000	23.71	8.73	107.6	107.6
1678	07/09/98	2100	23.57	8.69	106.8	106.8
1679	07/09/98	2200	23.50	8.71	107.1	107.1
1680	07/09/98	2300	23.55	8.70	106.8	106.8
1681	07/10/98	0	23.40	8.55	104.7	104.7
1682	07/10/98	100	23.30	8.39	102.5	102.5
1683	07/10/98	200	23.15	8.27	100.8	100.8
1684	07/10/98	300	23.06	8.22	99.9	99.9
1685	07/10/98	400	22.99	8.10	98.4	98.4
1686	07/10/98	500	22.90	8.06	97.8	97.8
1687	07/10/98	600	22.86	8.05	97.5	97.5
1688	07/10/98	700	22.84	8.23	98.9	98.9
1689	07/10/98	800	22.83	8.17	99.0	99.0
1690	07/10/98	900	22.83	8.20	99.3	99.3
1691	07/10/98	1000	22.90	8.30	100.7	100.7
1692	07/10/98	1100	22.86	8.02	97.1	97.1
1693	07/10/98	1200	23.10	8.31	101.1	101.1
1694	07/10/98	1300	23.26	8.44	103.1	103.1
1695	07/10/98	1400	23.33	8.48	103.8	103.8
1696	07/10/98	1500	23.39	8.69	105.1	105.1
1697	07/10/98	1600	23.42	8.63	105.7	105.7
1698	07/10/98	1700	23.40	8.56	104.8	104.8
1699	07/10/98	1800	23.30	8.51	104.0	104.0
1700	07/10/98	1900	23.17	8.35	101.7	101.7
1701	07/10/98	2000	23.08	8.17	98.4	98.4
1702	07/10/98	2100	23.10	8.17	98.4	98.4
1703	07/10/98	2200	23.10	8.17	98.5	98.5
1704	07/10/98	2300	23.15	8.18	99.7	99.7
1705	07/11/98	0	23.21	8.29	101.2	101.2
1706	07/11/98	100	23.24	8.29	101.1	101.1
1707	07/11/98	200	23.28	8.39	102.5	102.5
1708	07/11/98	300	23.37	8.39	102.7	102.7
1709	07/11/98	400	23.35	8.24	100.8	100.8
1710	07/11/98	500	23.26	8.11	98.0	98.0
1711	07/11/98	600	23.21	8.23	100.4	100.4
1712	07/11/98	700	23.13	8.08	98.4	98.4
1713	07/11/98	800	23.11	8.15	99.2	99.2
1714	07/11/98	900	23.07	8.12	98.7	98.7
1715	07/11/98	1000	23.01	8.06	97.8	97.8
1716	07/11/98	1100	23.08	8.11	98.6	98.6
1717	07/11/98	1200	23.13	8.21	100.0	100.0
1718	07/11/98	1300	23.24	8.31	101.5	101.5
1719	07/11/98	1400	23.28	8.35	102.0	102.0
1720	07/11/98	1500	23.33	8.39	102.6	102.6
1721	07/11/98	1600	23.39	8.41	102.9	102.9
1722	07/11/98	1700	23.46	8.40	103.0	103.0
1723	07/11/98	1800	23.57	8.43	103.6	103.6
1724	07/11/98	1900	23.68	8.48	104.5	104.5
1725	07/11/98	2000	23.68	8.48	104.5	104.5

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1726	07/11/98	2100	23.79	8.56	105.5	105.5
1727	07/11/98	2200	23.84	8.58	105.9	105.9
1728	07/11/98	2300	23.90	8.57	105.4	105.4
1729	07/12/98	0	23.91	8.50	105.1	105.1
1730	07/12/98	100	23.93	8.54	105.6	105.6
1731	07/12/98	200	23.97	8.50	105.2	105.2
1732	07/12/98	300	23.97	8.38	103.7	103.7
1733	07/12/98	400	24.02	8.53	105.6	105.6
1734	07/12/98	500	24.04	8.75	108.4	108.4
1735	07/12/98	600	23.95	8.45	104.6	104.6
1736	07/12/98	700	23.92	8.46	105.0	105.0
1737	07/12/98	800	23.95	8.50	105.1	105.1
1738	07/12/98	900	23.98	8.39	103.8	103.8
1739	07/12/98	1000	23.97	8.37	103.6	103.6
1740	07/12/98	1100	23.84	8.04	99.3	99.3
1741	07/12/98	1200	23.82	8.01	98.8	98.8
1742	07/12/98	1300	23.84	7.98	98.5	98.5
1743	07/12/98	1400	23.86	7.97	98.4	98.4
1744	07/12/98	1500	23.93	8.02	99.1	99.1
1745	07/12/98	1600	23.99	8.01	99.2	99.2
1746	07/12/98	1700	24.04	7.99	99.0	99.0
1747	07/12/98	1800	24.10	7.99	99.0	99.0
1748	07/12/98	1900	24.17	8.05	100.0	100.0
1749	07/12/98	2000	24.30	8.15	101.5	101.5
1750	07/12/98	2100	24.43	8.23	102.6	102.6
1751	07/12/98	2200	24.56	8.40	105.0	105.0
1752	07/12/98	2300	24.63	8.37	104.9	104.9
1753	07/13/98	0	24.67	8.40	105.3	105.3
1754	07/13/98	100	24.72	8.38	105.2	105.2
1755	07/13/98	200	24.74	8.33	104.5	104.5
1756	07/13/98	300	24.73	8.17	102.5	102.5
1757	07/13/98	400	24.65	7.95	99.6	99.6
1758	07/13/98	500	24.57	7.81	97.7	97.7
1759	07/13/98	600	24.52	7.70	96.2	96.2
1760	07/13/98	700	24.50	7.63	95.4	95.4
1761	07/13/98	800	24.48	7.58	94.7	94.7
1762	07/13/98	900	24.52	7.64	94.3	94.3
1763	07/13/98	1000	24.53	7.57	94.7	94.7
1764	07/13/98	1100	24.52	7.59	94.9	94.9
1765	07/13/98	1200	24.51	7.64	95.6	95.6
1766	07/13/98	1300	24.51	7.87	98.5	98.5
1767	07/13/98	1400	24.56	7.77	97.1	97.1
1768	07/13/98	1500	24.61	7.73	96.8	96.8
1769	07/13/98	1600	24.67	7.76	97.3	97.3
1770	07/13/98	1700	24.81	7.90	99.3	99.3
1771	07/13/98	1800	24.90	7.98	100.4	100.4
1772	07/13/98	1900	25.06	8.08	102.1	102.1
1773	07/13/98	2000	25.08	7.88	95.5	95.5
1774	07/13/98	2100	25.13	7.81	98.7	98.7
1775	07/13/98	2200	25.20	7.81	98.8	98.8
1776	07/13/98	2300	25.34	7.96	101.1	101.1
1777	07/14/98	0	25.41	7.90	100.3	100.3
1778	07/14/98	100	25.45	7.81	100.5	100.5
1779	07/14/98	200	25.48	7.86	100.0	100.0
1780	07/14/98	300	25.48	7.83	99.6	99.6
1781	07/14/98	400	25.47	7.73	98.4	98.4
1782	07/14/98	500	25.43	7.62	96.8	96.8
1783	07/14/98	600	25.41	7.55	95.0	95.0
1784	07/14/98	700	25.42	7.49	95.2	95.2
1785	07/14/98	800	25.42	7.45	94.7	94.7
1786	07/14/98	900	25.46	7.46	94.9	94.9
1787	07/14/98	1000	25.54	7.50	95.5	95.5
1788	07/14/98	1100	25.58	7.49	95.5	95.5
1789	07/14/98	1200	25.65	7.54	96.2	96.2
1790	07/14/98	1300	25.58	7.50	95.6	95.6
1791	07/14/98	1400	25.71	7.68	98.1	98.1
1792	07/14/98	1500	25.67	7.58	96.7	96.7
1793	07/14/98	1600	25.71	7.60	97.2	97.2
1794	07/14/98	1700	25.61	7.53	96.0	96.0
1795	07/14/98	1800	25.59	7.39	94.2	94.2
1796	07/14/98	1900	25.56	7.30	93.1	93.1
1797	07/14/98	2000	25.62	7.24	92.4	92.4
1798	07/14/98	2100	25.73	7.39	94.5	94.5
1799	07/14/98	2200	25.86	7.55	96.8	96.8
1800	07/14/98	2300	25.97	7.66	98.4	98.4

WHITE RAPIDS TAILRACE 1998 DATA

Obs	Date	Hour	Temp. (Degrees C.)	Dissolved Oxygen (mg/L)	% Saturation	DO
1801	07/15/98	0	26.03	7.69		98.9
1802	07/15/98	100	26.01	7.67		98.6
1803	07/15/98	200	26.01	7.58		97.4
1804	07/15/98	300	26.03	7.56		97.2
1805	07/15/98	400	26.04	7.49		96.3
1806	07/15/98	500	25.96	7.35		94.4
1807	07/15/98	600	25.95	7.32		93.9
1808	07/15/98	700	25.91	7.21		92.4
1809	07/15/98	800	25.87	7.10		91.0
1810	07/15/98	900	25.84	6.95		89.1
1811	07/15/98	1000	25.82	6.86		88.1
1812	07/15/98	1100	25.77	6.83		87.3
1813	07/15/98	1200	25.80	6.89		88.2
1814	07/15/98	1300	25.83	6.89		88.3
1815	07/15/98	1400	25.85	6.93		88.8
1816	07/15/98	1500	25.91	7.01		89.9
1817	07/15/98	1600	25.96	7.10		91.1
1818	07/15/98	1700	26.06	7.27		93.4
1819	07/15/98	1800	26.17	7.40		95.4
1820	07/15/98	1900	26.12	7.26		93.4
1821	07/15/98	2000	26.15	7.22		93.0
1822	07/15/98	2100	26.15	7.15		92.1
1823	07/15/98	2200	26.16	7.22		93.0
1824	07/15/98	2300	26.20	7.27		93.7
1825	07/15/98	0	26.20	7.30		94.1
1826	07/15/98	100	26.18	7.33		94.5
1827	07/15/98	200	26.17	7.33		94.4
1828	07/15/98	300	26.14	7.33		94.4
1829	07/15/98	400	26.11	7.33		94.4
1830	07/15/98	500	26.11	7.26		94.4
1831	07/15/98	600	26.06	7.26		93.5
1832	07/15/98	700	25.99	7.24		93.1
1833	07/15/98	800	25.97	7.21		92.6
1834	07/15/98	900	25.93	7.17		92.1
1835	07/15/98	1000	25.92	7.15		91.8
1836	07/15/98	1100	25.93	7.15		91.8
1837	07/15/98	1200	25.99	7.28		93.4
1838	07/15/98	1300	26.10	7.37		94.6
1839	07/15/98	1400	26.19	7.46		96.0
1840	07/15/98	1500	26.19	7.50		96.7
1841	07/15/98	1600	26.23	7.60		98.0
1842	07/15/98	1700	26.37	7.78		100.7
1843	07/15/98	1800	26.45	7.86		101.8
1844	07/15/98	1900	26.44	7.85		101.7
1845	07/15/98	2000	26.42	7.83		101.4
1846	07/15/98	2100	26.37	7.72		99.8
1847	07/15/98	2200	26.34	7.62		98.4
1848	07/15/98	2300	26.23	7.48		96.5
1849	07/15/98	0	26.19	7.40		95.4
1850	07/15/98	100	26.12	7.37		94.9
1851	07/15/98	200	26.06	7.33		94.3
1852	07/15/98	300	26.03	7.25		93.1
1853	07/15/98	400	25.97	7.21		92.5
1854	07/15/98	500	25.91	7.17		92.0
1855	07/15/98	600	25.86	7.15		91.6
1856	07/15/98	700	25.80	7.10		90.9
1857	07/15/98	800	25.75	7.06		90.2
1858	07/15/98	900	25.70	7.07		90.3
1859	07/15/98	1000	25.65	7.04		89.9
1860	07/15/98	1100	25.63	7.03		89.7
1861	07/15/98	1200	25.63	7.04		89.9
1862	07/15/98	1300	25.65	7.00		89.6
1863	07/15/98	1400	25.69	6.99		89.3
1864	07/15/98	1500	25.73	6.97		89.1
1865	07/15/98	1600	25.82	6.97		89.3
1866	07/15/98	1700	26.08	7.16		92.1
1867	07/15/98	1800	26.15	7.33		94.5
1868	07/15/98	1900	26.23	7.41		96.6
1869	07/15/98	2000	26.16	7.32		94.3
1870	07/15/98	2100	26.06	7.17		92.1
1871	07/15/98	2200	25.95	6.92		88.8
1872	07/15/98	2300	25.91	7.02		90.1
1873	07/15/98	0	25.87	7.04		90.2
1874	07/15/98	100	25.82	7.05		90.2
1875	07/15/98	200	25.77	7.06		90.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1876	07/18/98	300	25.61	7.04	89.8	89.8
1877	07/18/98	400	25.56	7.05	89.9	89.9
1878	07/18/98	500	25.48	7.09	90.2	90.2
1879	07/18/98	600	25.43	7.10	89.8	89.8
1880	07/18/98	700	25.37	7.04	89.3	89.3
1881	07/18/98	800	25.32	6.99	88.7	88.7
1882	07/18/98	900	25.30	7.03	89.1	89.1
1883	07/18/98	1000	25.32	6.92	87.8	87.8
1884	07/18/98	1100	25.35	7.00	88.8	88.8
1885	07/18/98	1200	25.32	7.00	88.8	88.8
1886	07/18/98	1300	25.30	6.98	88.6	88.6
1887	07/18/98	1400	25.22	6.94	87.9	87.9
1888	07/18/98	1500	25.17	6.92	87.6	87.6
1889	07/18/98	1600	25.09	6.97	88.0	88.0
1890	07/18/98	1700	25.07	7.00	88.4	88.4
1891	07/18/98	1800	25.04	7.01	88.4	88.4
1892	07/18/98	1900	25.00	7.05	88.9	88.9
1893	07/18/98	2000	25.09	7.12	89.9	89.9
1894	07/18/98	2100	25.15	7.08	89.6	89.6
1895	07/18/98	2200	25.17	6.98	88.0	88.0
1896	07/18/98	2300	25.22	7.00	88.7	88.7
1897	07/19/98	0	25.22	7.05	89.3	89.3
1898	07/19/98	100	25.20	7.04	89.1	89.1
1899	07/19/98	200	25.22	7.05	89.2	89.2
1900	07/19/98	300	25.22	6.92	87.6	87.6
1901	07/19/98	400	25.20	6.86	86.8	86.8
1902	07/19/98	500	25.09	6.56	82.7	82.7
1903	07/19/98	600	25.02	6.55	82.6	82.6
1904	07/19/98	700	24.99	6.62	83.4	83.4
1905	07/19/98	800	24.93	6.42	80.8	80.8
1906	07/19/98	900	24.91	6.48	81.7	81.7
1907	07/19/98	1000	24.94	6.52	82.1	82.1
1908	07/19/98	1100	24.89	6.76	85.1	85.1
1909	07/19/98	1200	25.00	6.78	85.5	85.5
1910	07/19/98	1300	25.15	6.86	86.7	86.7
1911	07/19/98	1400	25.56	7.27	92.6	92.6
1912	07/19/98	1500	25.75	7.37	94.3	94.3
1913	07/19/98	1600	25.76	7.38	94.4	94.4
1914	07/19/98	1700	26.73	7.16	91.5	91.5
1915	07/19/98	1800	26.67	7.01	89.5	89.5
1916	07/19/98	1900	26.63	7.12	90.8	90.8
1917	07/19/98	2000	26.65	7.36	93.9	93.9
1918	07/19/98	2100	26.66	7.43	94.8	94.8
1919	07/19/98	2200	26.67	7.43	94.8	94.8
1920	07/19/98	2300	26.65	7.43	94.8	94.8
1921	07/20/98	0	26.65	7.43	94.8	94.8
1922	07/20/98	100	26.65	7.43	94.8	94.8
1923	07/20/98	200	26.61	7.52	95.9	95.9
1924	07/20/98	300	26.56	7.50	95.6	95.6
1925	07/20/98	400	26.52	7.43	94.7	94.7
1926	07/20/98	500	26.50	7.43	94.6	94.6
1927	07/20/98	600	26.48	7.42	94.5	94.5
1928	07/20/98	700	26.48	7.42	94.5	94.5
1929	07/20/98	800	26.45	7.42	94.5	94.5
1930	07/20/98	900	26.46	7.35	93.5	93.5
1931	07/20/98	1000	26.48	7.42	94.4	94.4
1932	07/20/98	1100	26.46	7.32	93.1	93.1
1933	07/20/98	1200	26.46	7.40	94.2	94.2
1934	07/20/98	1300	26.41	7.35	93.5	93.5
1935	07/20/98	1400	26.41	7.24	92.1	92.1
1936	07/20/98	1500	26.37	7.19	91.3	91.3
1937	07/20/98	1600	26.36	7.12	90.3	90.3
1938	07/20/98	1700	26.35	7.04	89.4	89.4
1939	07/20/98	1800	26.37	7.02	89.2	89.2
1940	07/20/98	1900	26.41	6.98	88.8	88.8
1941	07/20/98	2000	26.45	6.84	86.8	86.8
1942	07/20/98	2100	26.50	6.85	87.1	87.1
1943	07/20/98	2200	26.52	6.85	87.3	87.3
1944	07/20/98	2300	26.50	6.80	86.9	86.9
1945	07/21/98	0	26.54	6.82	86.9	86.9
1946	07/21/98	100	26.52	6.72	85.6	85.6
1947	07/21/98	200	26.53	6.61	84.1	84.1
1948	07/21/98	300	26.54	6.57	83.7	83.7
1949	07/21/98	400	26.57	6.63	84.5	84.5
1950	07/21/98	500	26.57	6.63	84.5	84.5

WHITE RAPIDS TAILRACE 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
1951	07/21/98	500	25.58	6.82	86.9
1952	07/21/98	700	25.60	6.84	87.2
1953	07/21/98	800	25.58	6.75	86.0
1954	07/21/98	900	25.54	6.67	84.4
1955	07/21/98	1000	25.50	6.67	84.9
1956	07/21/98	1100	25.46	6.57	83.5
1957	07/21/98	1200	25.47	6.63	84.4
1958	07/21/98	1300	25.46	6.65	84.6
1959	07/21/98	1400	25.43	6.56	83.4
1960	07/21/98	1500	25.49	6.58	83.7
1961	07/21/98	1600	25.61	6.74	86.0
1962	07/21/98	1700	25.76	6.88	88.0
1963	07/21/98	1800	25.97	6.97	89.4
1964	07/21/98	1900	26.22	7.17	92.4
1965	07/21/98	2000	26.35	7.19	92.4
1966	07/21/98	2100	26.41	7.19	92.9
1967	07/21/98	2200	26.39	7.25	93.8
1968	07/21/98	2300	26.35	7.18	93.9
1969	07/22/98	0	26.32	7.31	92.8
1970	07/22/98	100	26.32	7.33	94.4
1971	07/22/98	200	26.25	7.30	94.7
1972	07/22/98	300	26.22	7.19	94.2
1973	07/22/98	400	26.16	7.12	91.7
1974	07/22/98	500	26.15	7.07	91.1
1975	07/22/98	600	26.13	7.04	90.6
1976	07/22/98	700	26.08	6.98	89.8
1977	07/22/98	800	26.05	6.88	89.7
1978	07/22/98	900	25.99	6.95	89.4
1979	07/22/98	1000	25.99	7.09	91.0
1980	07/22/98	1100	25.99	7.05	90.6
1981	07/22/98	1200	26.01	7.11	91.3
1982	07/22/98	1300	25.99	7.00	90.0
1983	07/22/98	1400	25.99	7.62	96.4
1984	07/22/98	1500	26.97	7.55	95.4
1985	07/22/98	1600	26.06	7.65	97.0
1986	07/22/98	1700	26.05	7.58	96.0
1987	07/22/98	1800	26.05	7.38	93.5
1988	07/22/98	1900	26.15	7.64	97.0
1989	07/22/98	2000	26.29	7.78	99.0
1990	07/22/98	2100	26.29	7.82	99.5
1991	07/22/98	2200	26.27	7.76	98.7
1992	07/22/98	2300	26.23	7.77	98.8
1993	07/23/98	0	26.20	7.77	98.7
1994	07/23/98	100	26.18	7.74	98.3
1995	07/23/98	200	26.12	7.54	96.8
1996	07/23/98	300	26.06	7.56	96.8
1997	07/23/98	400	25.99	7.53	96.2
1998	07/23/98	500	25.93	7.52	95.0
1999	07/23/98	600	25.86	7.51	94.7
2000	07/23/98	700	25.80	7.48	94.3
2001	07/23/98	800	25.75	7.51	94.6
2002	07/23/98	900	25.71	7.47	94.1
2003	07/23/98	1000	25.71	7.51	94.5
2004	07/23/98	1100	25.73	7.56	95.2
2005	07/23/98	1200	25.76	7.62	95.9
2006	07/23/98	1300	25.80	7.61	97.9
2007	07/23/98	1400	25.82	7.76	97.8
2008	07/23/98	1500	25.80	7.75	97.8
2009	07/23/98	1600	25.82	7.84	98.9
2010	07/23/98	1700	25.86	7.87	98.9
2011	07/23/98	1800	25.84	7.87	100.6
2012	07/23/98	1900	25.80	8.05	100.6
2013	07/23/98	2000	25.75	7.98	101.5
2014	07/23/98	2100	25.65	7.84	98.6
2015	07/23/98	2200	25.58	7.83	98.3
2016	07/23/98	2300	25.50	7.80	97.7
2017	07/24/98	0	25.45	7.71	97.7
2018	07/24/98	100	25.37	7.71	96.5
2019	07/24/98	200	25.30	7.70	96.2
2020	07/24/98	300	25.24	7.58	94.6
2021	07/24/98	400	25.17	7.53	93.8
2022	07/24/98	500	25.09	7.48	93.1
2023	07/24/98	600	25.04	7.49	92.2
2024	07/24/98	700	24.96	7.43	91.7
2025	07/24/98	800	24.91	7.39	91.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2026	07/24/98	24.89	7.36	91.3	91.3
2027	07/24/98	24.89	7.40	91.7	91.7
2028	07/24/98	24.91	7.52	93.3	93.3
2029	07/24/98	24.93	7.58	94.0	94.0
2030	07/24/98	24.95	7.71	96.4	96.4
2031	07/24/98	24.94	7.77	96.4	96.4
2032	07/24/98	24.94	7.68	95.4	95.4
2033	07/24/98	24.89	7.62	94.5	94.5
2034	07/24/98	24.94	7.86	97.6	97.6
2035	07/24/98	24.91	7.98	98.9	98.9
2036	07/24/98	24.85	8.05	98.8	98.8
2037	07/24/98	24.80	7.97	98.7	98.7
2038	07/24/98	24.72	7.94	98.2	98.2
2039	07/24/98	24.67	7.92	97.9	97.9
2040	07/24/98	24.61	7.87	97.1	97.1
2041	07/25/98	24.56	7.70	94.9	94.9
2042	07/25/98	24.48	7.64	94.0	94.0
2043	07/25/98	24.41	7.53	92.5	92.5
2044	07/25/98	24.34	7.55	92.7	92.7
2045	07/25/98	24.26	7.54	92.4	92.4
2046	07/25/98	24.19	7.45	91.3	91.3
2047	07/25/98	24.12	7.47	91.3	91.3
2048	07/25/98	24.06	7.44	90.9	90.9
2049	07/25/98	24.02	7.41	90.4	90.4
2050	07/25/98	24.04	7.43	90.7	90.7
2051	07/25/98	24.08	7.52	91.8	91.8
2052	07/25/98	24.18	7.66	92.5	92.5
2053	07/25/98	24.21	7.61	93.1	93.1
2054	07/25/98	24.24	7.58	92.9	92.9
2055	07/25/98	24.26	7.59	93.0	93.0
2056	07/25/98	24.28	7.61	93.3	93.3
2057	07/25/98	24.25	7.66	93.8	93.8
2058	07/25/98	24.23	7.77	95.2	95.2
2059	07/25/98	24.13	7.70	94.1	94.1
2060	07/25/98	24.08	7.70	94.0	94.0
2061	07/25/98	24.02	7.69	93.8	93.8
2062	07/25/98	23.95	7.62	92.8	92.8
2063	07/25/98	23.84	7.52	91.4	91.4
2064	07/25/98	23.82	7.51	91.4	91.4
2065	07/26/98	23.79	7.61	92.6	92.6
2066	07/26/98	23.75	7.62	92.6	92.6
2067	07/26/98	23.75	7.64	92.8	92.8
2068	07/26/98	23.66	8.45	102.4	102.4
2069	07/26/98	23.59	7.85	96.2	96.2
2070	07/26/98	23.66	7.50	90.9	90.9
2071	07/26/98	23.62	7.55	91.4	91.4
2072	07/26/98	23.57	7.45	90.2	90.2
2073	07/26/98	23.53	7.45	89.5	89.5
2074	07/26/98	23.51	7.42	89.6	89.6
2075	07/26/98	23.50	7.45	90.0	90.0
2076	07/26/98	23.46	7.46	90.1	90.1
2077	07/26/98	23.30	7.39	88.9	88.9
2078	07/26/98	23.10	7.42	89.0	89.0
2079	07/26/98	22.98	7.25	86.7	86.7
2080	07/26/98	22.97	7.25	86.8	86.8
2081	07/26/98	22.86	7.22	86.2	86.2
2082	07/26/98	22.88	7.21	86.1	86.1
2083	07/26/98	22.99	7.26	86.9	86.9
2084	07/26/98	23.04	7.28	87.2	87.2
2085	07/26/98	23.08	7.32	87.7	87.7
2086	07/26/98	23.15	7.45	89.5	89.5
2087	07/26/98	23.21	7.54	90.6	90.6
2088	07/26/98	23.24	7.55	90.8	90.8
2089	07/27/98	23.26	7.61	91.5	91.5
2090	07/27/98	23.21	7.62	91.6	91.6
2091	07/27/98	23.19	7.60	91.2	91.2
2092	07/27/98	23.22	7.67	92.2	92.2
2093	07/27/98	23.28	7.68	92.4	92.4
2094	07/27/98	23.28	7.69	92.6	92.6
2095	07/27/98	23.25	7.71	92.7	92.7
2096	07/27/98	23.26	7.72	92.9	92.9
2097	07/27/98	23.24	7.66	92.2	92.2
2098	07/27/98	23.21	7.63	91.7	91.7
2099	07/27/98	23.21	7.65	92.0	92.0
2100	07/27/98	23.22	7.74	93.0	93.0

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
2101	07/27/98	1200	23.31	7.84	94.5
2102	07/27/98	1300	23.35	7.87	94.9
2103	07/27/98	1400	23.35	7.74	93.3
2104	07/27/98	1500	23.39	7.54	92.1
2105	07/27/98	1600	23.46	7.72	93.2
2106	07/27/98	1700	23.53	7.84	94.8
2107	07/27/98	1800	23.60	7.92	95.9
2108	07/27/98	1900	23.70	8.01	97.1
2109	07/27/98	2000	23.64	7.98	96.7
2110	07/27/98	2100	23.70	8.02	97.2
2111	07/27/98	2200	23.66	7.97	96.6
2112	07/27/98	2300	23.62	7.93	96.0
2113	07/28/98	0	23.59	7.95	96.2
2114	07/28/98	100	23.62	8.07	97.7
2115	07/28/98	200	23.64	8.16	98.8
2116	07/28/98	300	23.59	8.13	98.4
2117	07/28/98	400	23.57	8.14	98.5
2118	07/28/98	500	23.50	8.08	97.6
2119	07/28/98	600	23.46	8.05	97.3
2120	07/28/98	700	23.42	8.07	97.5
2121	07/28/98	800	23.40	8.08	97.5
2122	07/28/98	900	23.39	8.11	97.8
2123	07/28/98	1000	23.35	8.08	97.4
2124	07/28/98	1100	23.30	8.07	97.2
2125	07/28/98	1200	23.24	7.89	94.9
2126	07/28/98	1300	23.21	7.70	92.6
2127	07/28/98	1400	23.33	7.88	94.5
2128	07/28/98	1500	23.42	7.93	95.7
2129	07/28/98	1600	23.39	7.82	94.3
2130	07/28/98	1700	23.71	8.18	99.2
2131	07/28/98	1800	23.80	8.19	99.6
2132	07/28/98	1900	23.86	8.25	100.4
2133	07/28/98	2000	23.84	8.20	99.8
2134	07/28/98	2100	23.77	8.13	98.8
2135	07/28/98	2200	23.70	8.12	98.5
2136	07/28/98	2300	23.62	8.14	98.6
2137	07/29/98	0	23.57	8.17	98.9
2138	07/29/98	100	23.55	8.17	98.9
2139	07/29/98	200	23.51	8.10	97.9
2140	07/29/98	300	23.48	8.02	96.9
2141	07/29/98	400	23.42	7.86	94.8
2142	07/29/98	500	23.37	7.82	94.2
2143	07/29/98	600	23.30	7.80	93.8
2144	07/29/98	700	23.25	7.76	93.3
2145	07/29/98	800	23.22	7.79	93.7
2146	07/29/98	900	23.17	7.73	92.8
2147	07/29/98	1000	23.11	7.74	92.9
2148	07/29/98	1100	23.15	7.80	93.7
2149	07/29/98	1200	23.28	7.83	94.3
2150	07/29/98	1300	23.40	7.85	94.7
2151	07/29/98	1400	23.51	7.84	94.8
2152	07/29/98	1500	23.59	7.82	94.8
2153	07/29/98	1600	23.60	7.82	94.8
2154	07/29/98	1700	23.68	7.84	95.0
2155	07/29/98	1800	23.68	7.86	95.2
2156	07/29/98	1900	23.64	7.85	95.3
2157	07/29/98	2000	23.62	7.85	95.6
2158	07/29/98	2100	23.59	7.82	95.6
2159	07/29/98	2200	23.58	7.86	95.1
2160	07/29/98	2300	23.62	7.86	95.1
2161	07/30/98	0	23.60	7.85	95.1
2162	07/30/98	100	23.59	7.94	96.1
2163	07/30/98	200	23.55	7.94	96.0
2164	07/30/98	300	23.50	7.98	96.4
2165	07/30/98	400	23.44	8.06	97.2
2166	07/30/98	500	23.40	7.98	96.3
2167	07/30/98	600	23.35	7.97	96.0
2168	07/30/98	700	23.31	7.93	95.5
2169	07/30/98	800	23.28	7.96	95.7
2170	07/30/98	900	23.28	8.04	96.8
2171	07/30/98	1000	23.35	8.17	98.4
2172	07/30/98	1100	23.44	8.19	98.8
2173	07/30/98	1200	23.44	8.41	101.9
2174	07/30/98	1300	23.86	8.53	103.7
2175	07/30/98	1400	23.86	8.59	104.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
2175	07/30/98	1500	24.04	8.53	105.3	105.3
2177	07/30/98	1500	24.13	8.74	106.9	106.9
2178	07/30/98	1700	24.08	8.70	106.3	106.3
2179	07/30/98	1800	24.13	8.74	106.9	106.9
2180	07/30/98	1900	24.10	8.71	106.5	106.5
2181	07/30/98	2000	24.01	8.65	105.6	105.6
2182	07/30/98	2100	23.90	8.55	104.0	104.0
2183	07/30/98	2200	23.82	8.42	102.4	102.4
2184	07/30/98	2300	23.71	8.22	99.7	99.7
2185	07/31/98	0	23.62	8.18	99.0	99.0
2186	07/31/98	100	23.53	8.11	98.0	98.0
2187	07/31/98	200	23.50	8.07	97.5	97.5
2188	07/31/98	300	23.42	8.05	97.1	97.1
2189	07/31/98	400	23.37	8.00	96.4	96.4
2190	07/31/98	500	23.31	7.99	96.2	96.2
2191	07/31/98	600	23.24	7.92	95.2	95.2
2192	07/31/98	700	23.19	7.94	95.3	95.3
2193	07/31/98	800	23.13	7.90	94.8	94.8
2194	07/31/98	900	23.11	7.86	94.2	94.2
2195	07/31/98	1000	23.17	7.87	94.6	94.6
2196	07/31/98	1100	23.28	7.95	95.8	95.8
2197	07/31/98	1200	23.39	7.99	96.3	96.3
2198	07/31/98	1300	23.53	8.03	97.1	97.1
2199	07/31/98	1400	23.71	8.11	98.4	98.4
2200	07/31/98	1500	23.71	8.12	98.5	98.5
2201	07/31/98	1600	23.82	8.15	99.1	99.1
2202	07/31/98	1700	23.73	8.17	99.1	99.1
2203	07/31/98	1800	23.59	7.95	96.2	96.2
2204	07/31/98	1900	23.55	7.89	95.4	95.4
2205	07/31/98	2000	23.48	7.74	93.5	93.5
2206	07/31/98	2100	23.37	7.53	90.7	90.7
2207	07/31/98	2200	23.28	7.50	90.3	90.3
2208	07/31/98	2300	23.22	7.55	90.7	90.7
2209	08/01/98	0	23.22	7.69	92.4	92.4
2210	08/01/98	100	23.24	7.74	93.0	93.0
2211	08/01/98	200	23.22	7.74	93.0	93.0
2212	08/01/98	300	23.21	7.80	93.8	93.8
2213	08/01/98	400	23.22	7.85	94.4	94.4
2214	08/01/98	500	23.17	7.77	93.3	93.3
2215	08/01/98	600	23.13	7.71	92.5	92.5
2216	08/01/98	700	23.08	7.63	91.5	91.5
2217	08/01/98	800	23.08	7.59	91.0	91.0
2218	08/01/98	900	23.05	7.63	91.5	91.5
2219	08/01/98	1000	23.05	7.62	91.3	91.3
2220	08/01/98	1100	23.02	7.55	90.5	90.5
2221	08/01/98	1200	22.99	7.56	90.5	90.5
2222	08/01/98	1300	22.93	7.47	89.3	89.3
2223	08/01/98	1400	22.90	7.33	87.6	87.6
2224	08/01/98	1500	22.88	7.32	87.4	87.4
2225	08/01/98	1600	22.86	7.30	87.2	87.2
2226	08/01/98	1700	22.80	7.54	90.1	90.1
2227	08/01/98	1800	22.88	7.55	90.1	90.1
2228	08/01/98	1900	22.83	7.55	90.1	90.1
2229	08/01/98	2000	22.99	7.65	91.5	91.5
2230	08/01/98	2100	23.04	7.72	92.4	92.4
2231	08/01/98	2200	23.06	7.80	93.4	93.4
2232	08/01/98	2300	23.06	7.86	94.1	94.1
2233	08/02/98	0	23.08	7.87	94.4	94.4
2234	08/02/98	100	23.11	7.94	94.8	94.8
2235	08/02/98	200	23.15	7.99	95.3	95.3
2236	08/02/98	300	23.17	7.96	95.6	95.6
2237	08/02/98	400	23.13	7.85	94.2	94.2
2238	08/02/98	500	23.15	7.76	93.2	93.2
2239	08/02/98	600	23.13	7.77	93.3	93.3
2240	08/02/98	700	23.15	7.72	92.6	92.6
2241	08/02/98	800	23.13	7.61	91.3	91.3
2242	08/02/98	900	23.15	7.53	90.4	90.4
2243	08/02/98	1000	23.13	7.46	89.5	89.5
2244	08/02/98	1100	23.08	7.41	88.9	88.9
2245	08/02/98	1200	23.06	7.41	88.8	88.8
2246	08/02/98	1300	23.01	7.34	87.9	87.9
2247	08/02/98	1400	22.95	7.35	87.9	87.9
2248	08/02/98	1500	22.93	7.41	88.5	88.5
2249	08/02/98	1600	22.86	7.44	88.8	88.8
2250	08/02/98	1700	22.88	7.60	90.8	90.8

WHITE RAPIDS TAILRACE 1988 DATA

OBS	DATE	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2251	08/02/98	22.90	7.70		92.0
2252	08/02/98	22.93	7.77		92.8
2253	08/02/98	23.01	7.82		93.6
2254	08/02/98	23.10	7.93		95.1
2255	08/02/98	23.13	7.98		95.4
2256	08/02/98	23.21	8.00		96.2
2257	08/03/98	23.30	8.23		99.1
2258	08/03/98	23.35	8.20		98.8
2259	08/03/98	23.37	8.06		97.2
2260	08/03/98	23.39	7.94		95.7
2261	08/03/98	23.39	7.82		94.3
2262	08/03/98	23.40	7.83		94.4
2263	08/03/98	23.39	7.74		93.3
2264	08/03/98	23.35	7.67		92.4
2265	08/03/98	23.31	7.65		92.1
2266	08/03/98	23.31	7.63		91.8
2267	08/03/98	23.30	7.59		91.4
2268	08/03/98	23.28	7.64		91.8
2269	08/03/98	23.30	7.63		91.8
2270	08/03/98	23.28	7.57		91.1
2271	08/03/98	23.30	7.66		92.3
2272	08/03/98	23.30	7.70		92.7
2273	08/03/98	23.22	7.58		91.1
2274	08/03/98	23.24	7.59		91.2
2275	08/03/98	23.22	7.49		90.1
2276	08/03/98	23.22	7.42		89.3
2277	08/03/98	23.35	7.52		90.7
2278	08/03/98	23.45	7.71		93.1
2279	08/03/98	23.55	7.87		95.2
2280	08/03/98	23.62	7.87		95.4
2281	08/04/98	23.68	7.97		96.6
2282	08/04/98	23.71	8.02		97.3
2283	08/04/98	23.77	8.11		98.4
2284	08/04/98	23.79	8.08		98.1
2285	08/04/98	23.79	8.03		97.6
2286	08/04/98	23.80	8.02		97.5
2287	08/04/98	23.80	7.98		97.0
2288	08/04/98	23.82	8.00		97.3
2289	08/04/98	23.80	7.95		96.6
2290	08/04/98	23.79	7.94		96.6
2291	08/04/98	23.80	7.95		96.5
2292	08/04/98	23.80	7.95		96.6
2293	08/04/98	23.80	7.94		96.6
2294	08/04/98	23.80	7.98		97.0
2295	08/04/98	23.80	7.99		97.1
2296	08/04/98	23.77	7.94		96.5
2297	08/04/98	23.79	8.01		97.3
2298	08/04/98	23.88	8.24		100.3
2299	08/04/98	23.88	8.24		100.3
2300	08/04/98	23.80	8.10		98.6
2301	08/04/98	23.86	7.95		96.7
2302	08/04/98	23.82	7.85		95.6
2303	08/04/98	23.80	7.85		95.4
2304	08/04/98	23.79	7.79		94.7
2305	08/05/98	23.77	7.76		94.3
2306	08/05/98	23.73	7.65		92.8
2307	08/05/98	23.70	7.65		92.9
2308	08/05/98	23.68	7.65		92.4
2309	08/05/98	23.64	7.59		91.9
2310	08/05/98	23.62	7.52		91.1
2311	08/05/98	23.60	7.47		90.4
2312	08/05/98	23.57	7.50		90.8
2313	08/05/98	23.57	7.54		91.2
2314	08/05/98	23.57	7.56		91.5
2315	08/05/98	23.59	7.58		91.7
2316	08/05/98	23.60	7.63		92.3
2317	08/05/98	23.70	7.87		94.5
2318	08/05/98	23.79	8.05		96.8
2319	08/05/98	23.83	8.13		97.9
2320	08/05/98	23.85	8.27		99.7
2321	08/05/98	23.85	8.32		100.3
2322	08/05/98	23.87	8.32		100.3
2323	08/05/98	23.94	8.29		100.1
2324	08/05/98	23.94	8.29		100.1
2325	08/05/98	23.90	8.18		98.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
2326	08/05/98	2100	23.85	8.19	98.6	98.6
2327	08/05/98	2200	23.85	8.13	98.0	98.0
2328	08/05/98	2300	23.81	8.07	97.2	97.2
2329	08/06/98	0	23.78	7.93	96.6	96.6
2330	08/06/98	100	23.72	7.93	96.4	96.4
2331	08/06/98	200	23.72	7.89	95.3	95.3
2332	08/06/98	300	23.69	7.89	94.8	94.8
2333	08/06/98	400	23.65	7.81	93.7	93.7
2334	08/06/98	500	23.61	7.73	92.8	92.8
2335	08/06/98	600	23.58	7.66	91.8	91.8
2336	08/06/98	700	23.55	7.57	90.8	90.8
2337	08/06/98	800	23.52	7.56	90.6	90.6
2338	08/06/98	900	23.49	7.54	90.3	90.3
2339	08/06/98	1000	23.45	7.51	89.8	89.8
2340	08/06/98	1100	23.41	7.46	89.1	89.1
2341	08/06/98	1200	23.41	7.55	90.2	90.2
2342	08/06/98	1300	23.41	7.56	90.4	90.4
2343	08/06/98	1400	23.41	7.50	89.6	89.6
2344	08/06/98	1500	23.39	7.49	89.4	89.4
2345	08/06/98	1600	23.39	7.44	88.9	88.9
2346	08/06/98	1700	23.38	7.41	88.5	88.5
2347	08/06/98	1800	23.34	7.41	88.4	88.4
2348	08/06/98	1900	23.32	7.38	88.1	88.1
2349	08/06/98	2000	23.29	7.38	88.0	88.0
2350	08/06/98	2100	23.27	7.34	87.5	87.5
2351	08/06/98	2200	23.23	7.32	87.2	87.2
2352	08/06/98	2300	23.20	7.31	87.0	87.0
2353	08/07/98	0	23.16	7.30	86.8	86.8
2354	08/07/98	100	23.14	7.28	86.2	86.2
2355	08/07/98	200	23.12	7.24	85.0	85.0
2356	08/07/98	300	23.10	7.21	85.6	85.6
2357	08/07/98	400	23.09	7.17	85.2	85.2
2358	08/07/98	500	23.07	7.14	84.8	84.8
2359	08/07/98	600	23.05	7.07	83.9	83.9
2360	08/07/98	700	23.03	7.03	83.4	83.4
2361	08/07/98	800	23.03	6.99	83.0	83.0
2362	08/07/98	900	23.03	6.98	82.8	82.8
2363	08/07/98	1000	23.07	6.97	82.7	82.7
2364	08/07/98	1100	23.10	7.00	83.2	83.2
2365	08/07/98	1200	23.12	7.02	83.5	83.5
2366	08/07/98	1300	23.14	7.06	83.9	83.9
2367	08/07/98	1400	23.16	7.04	83.7	83.7
2368	08/07/98	1500	23.18	7.06	84.0	84.0
2369	08/07/98	1600	23.18	7.10	84.6	84.6
2370	08/07/98	1700	23.16	7.07	84.1	84.1
2371	08/07/98	1800	23.12	7.01	83.3	83.3
2372	08/07/98	1900	23.14	6.95	82.6	82.6
2373	08/07/98	2000	23.12	6.91	82.1	82.1
2374	08/07/98	2100	23.10	6.92	82.2	82.2
2375	08/07/98	2200	23.09	6.89	81.9	81.9
2376	08/07/98	2300	23.09	6.91	82.1	82.1
2377	08/08/98	0	23.09	6.91	81.7	81.7
2378	08/08/98	100	23.08	6.88	81.5	81.5
2379	08/08/98	200	23.09	6.86	81.0	81.0
2380	08/08/98	300	23.09	6.82	80.2	80.2
2381	08/08/98	400	23.07	6.75	79.3	79.3
2382	08/08/98	500	23.07	6.68	78.3	78.3
2383	08/08/98	600	23.05	6.59	77.5	77.5
2384	08/08/98	700	23.03	6.53	77.7	77.7
2385	08/08/98	800	23.05	6.55	77.9	77.9
2386	08/08/98	900	23.03	6.48	76.9	76.9
2387	08/08/98	1000	23.03	6.50	77.1	77.1
2388	08/08/98	1100	23.00	6.40	75.9	75.9
2389	08/08/98	1200	22.96	6.38	75.6	75.6
2390	08/08/98	1300	22.92	6.35	75.2	75.2
2391	08/08/98	1400	22.91	6.32	74.8	74.8
2392	08/08/98	1500	22.85	6.28	74.4	74.4
2393	08/08/98	1600	22.85	6.26	73.8	73.8
2394	08/08/98	1700	22.87	6.31	74.7	74.7
2395	08/08/98	1800	22.91	6.37	75.4	75.4
2396	08/08/98	1900	23.01	6.52	77.3	77.3
2397	08/08/98	2000	23.14	6.68	81.9	81.9
2398	08/08/98	2100	23.25	6.88	81.5	81.5
2399	08/08/98	2200	23.25	6.84	81.5	81.5
2400	08/08/98	2300	23.29	6.90	82.2	82.2

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2401	08/09/98	0	23.38	7.08		84.5
2402	08/09/98	100	23.39	7.03		84.0
2403	08/09/98	200	23.36	6.97		83.3
2404	08/09/98	300	23.32	6.78		80.9
2405	08/09/98	400	23.29	6.70		79.9
2406	08/09/98	500	23.25	6.62		78.8
2407	08/09/98	600	23.21	6.51		77.4
2408	08/09/98	700	23.20	6.52		77.6
2409	08/09/98	800	23.18	6.54		77.8
2410	08/09/98	900	23.18	6.61		78.6
2411	08/09/98	1000	23.20	6.60		78.5
2412	08/09/98	1100	23.20	6.62		78.7
2413	08/09/98	1200	23.18	6.57		78.2
2414	08/09/98	1300	23.20	6.62		78.8
2415	08/09/98	1400	23.14	6.58		78.2
2416	08/09/98	1500	23.12	6.59		78.3
2417	08/09/98	1600	23.10	6.59		78.2
2418	08/09/98	1700	23.10	6.59		78.2
2419	08/09/98	1800	23.10	6.50		77.2
2420	08/09/98	1900	23.10	6.39		75.9
2421	08/09/98	2000	23.27	6.83		79.0
2422	08/09/98	2100	23.39	7.07		81.0
2423	08/09/98	2200	23.58	7.11		84.8
2424	08/09/98	2300	23.63	7.11		85.3
2425	08/10/98	0	23.79	7.35		88.4
2426	08/10/98	100	23.90	7.49		90.3
2427	08/10/98	200	23.89	7.38		88.9
2428	08/10/98	300	23.87	7.39		89.0
2429	08/10/98	400	23.85	7.20		86.7
2430	08/10/98	500	23.79	7.07		85.1
2431	08/10/98	600	23.78	7.10		85.4
2432	08/10/98	700	23.74	7.02		84.4
2433	08/10/98	800	23.72	7.00		84.1
2434	08/10/98	900	23.72	7.00		84.2
2435	08/10/98	1000	23.74	7.05		84.8
2436	08/10/98	1100	23.65	7.21		86.9
2437	08/10/98	1200	24.00	7.39		89.3
2438	08/10/98	1300	24.10	7.49		90.6
2439	08/10/98	1400	24.20	7.66		92.9
2440	08/10/98	1500	24.42	7.99		97.3
2441	08/10/98	1600	24.47	8.15		99.3
2442	08/10/98	1700	24.60	8.25		100.9
2443	08/10/98	1800	24.73	8.48		103.9
2444	08/10/98	1900	24.71	8.50		104.1
2445	08/10/98	2000	24.71	8.58		106.1
2446	08/10/98	2100	24.66	8.57		104.8
2447	08/10/98	2200	24.55	8.47		103.3
2448	08/10/98	2300	24.53	8.49		103.5
2449	08/11/98	0	24.45	8.36		101.9
2450	08/11/98	100	24.42	8.21		100.0
2451	08/11/98	200	24.36	8.01		97.5
2452	08/11/98	300	24.36	8.04		97.8
2453	08/11/98	400	24.29	7.88		96.8
2454	08/11/98	500	24.27	7.88		96.7
2455	08/11/98	600	24.23	7.86		95.4
2456	08/11/98	700	24.20	7.87		95.4
2457	08/11/98	800	24.18	7.95		96.4
2458	08/11/98	900	24.22	8.13		98.6
2459	08/11/98	1000	24.23	8.18		99.4
2460	08/11/98	1100	24.25	8.26		99.4
2461	08/11/98	1200	24.31	8.32		100.3
2462	08/11/98	1300	24.47	8.57		101.1
2463	08/11/98	1400	24.58	8.61		104.4
2464	08/11/98	1500	24.68	8.61		105.1
2465	08/11/98	1600	24.77	8.67		105.4
2466	08/11/98	1700	24.84	8.75		106.3
2467	08/11/98	1800	24.88	8.76		107.3
2468	08/11/98	1900	24.80	8.68		107.6
2469	08/11/98	2000	24.71	8.49		106.4
2470	08/11/98	2100	24.64	8.35		103.9
2471	08/11/98	2200	24.58	8.25		102.1
2472	08/11/98	2300	24.51	8.08		100.8
2473	08/12/98	0	24.44	7.92		98.6
2474	08/12/98	100	24.38	7.82		96.5
2475	08/12/98	200	24.31	7.76		94.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2476	08/12/98	300	24.25	7.71	93.6	
2477	08/12/98	400	24.20	7.62	92.4	
2478	08/12/98	500	24.12	7.50	90.8	
2479	08/12/98	600	24.06	7.42	89.7	
2480	08/12/98	700	23.98	7.38	89.1	
2481	08/12/98	800	23.92	7.31	88.2	
2482	08/12/98	900	23.90	7.29	88.0	
2483	08/12/98	1000	23.90	7.28	87.8	
2484	08/12/98	1100	24.00	7.47	90.3	
2485	08/12/98	1200	24.12	7.66	92.6	
2486	08/12/98	1300	24.27	7.64	92.8	
2487	08/12/98	1400	24.29	7.67	93.1	
2488	08/12/98	1500	24.38	7.81	95.0	
2489	08/12/98	1600	24.34	7.68	93.4	
2490	08/12/98	1700	24.34	7.71	93.7	
2491	08/12/98	1800	24.25	7.65	92.9	
2492	08/12/98	1900	24.22	7.78	94.4	
2493	08/12/98	2000	24.14	7.67	92.9	
2494	08/12/98	2100	24.08	7.48	90.5	
2495	08/12/98	2200	23.98	7.29	88.0	
2496	08/12/98	2300	24.00	7.32	88.5	
2497	08/13/98	0	24.05	7.42	89.7	
2498	08/13/98	100	24.07	7.36	89.1	
2499	08/13/98	200	24.07	7.40	89.5	
2500	08/13/98	300	24.05	7.45	90.1	
2501	08/13/98	400	24.03	7.42	89.7	
2502	08/13/98	500	24.00	7.36	88.9	
2503	08/13/98	600	23.94	7.22	87.2	
2504	08/13/98	700	23.89	7.18	86.7	
2505	08/13/98	800	23.85	7.05	85.0	
2506	08/13/98	900	23.81	6.93	83.4	
2507	08/13/98	1000	23.78	6.81	81.9	
2508	08/13/98	1100	23.72	6.75	81.1	
2509	08/13/98	1200	23.67	6.70	80.5	
2510	08/13/98	1300	23.63	6.67	80.1	
2511	08/13/98	1400	23.58	6.65	79.7	
2512	08/13/98	1500	23.54	6.71	80.4	
2513	08/13/98	1600	23.50	6.81	81.5	
2514	08/13/98	1700	23.50	6.78	81.2	
2515	08/13/98	1800	23.54	6.83	81.8	
2516	08/13/98	1900	23.63	6.93	83.2	
2517	08/13/98	2000	23.76	7.18	86.3	
2518	08/13/98	2100	23.83	7.30	88.0	
2519	08/13/98	2200	23.90	7.42	89.6	
2520	08/13/98	2300	23.92	7.47	90.1	
2521	08/14/98	0	23.94	7.52	91.5	
2522	08/14/98	100	23.98	7.58	91.5	
2523	08/14/98	200	23.98	7.61	91.5	
2524	08/14/98	300	23.98	7.53	90.9	
2525	08/14/98	400	23.98	7.47	90.3	
2526	08/14/98	500	23.90	7.39	89.1	
2527	08/14/98	600	23.89	7.22	87.1	
2528	08/14/98	700	23.85	7.20	86.8	
2529	08/14/98	800	23.81	7.17	86.4	
2530	08/14/98	900	23.79	7.17	86.3	
2531	08/14/98	1000	23.76	7.22	86.8	
2532	08/14/98	1100	23.78	7.26	87.4	
2533	08/14/98	1200	23.72	7.31	87.9	
2534	08/14/98	1300	23.65	7.15	85.8	
2535	08/14/98	1400	23.72	7.28	87.5	
2536	08/14/98	1500	23.83	7.65	92.1	
2537	08/14/98	1600	23.72	7.41	89.1	
2538	08/14/98	1700	23.87	8.16	98.3	
2539	08/14/98	1800	23.94	8.28	100.0	
2540	08/14/98	1900	23.94	8.30	100.2	
2541	08/14/98	2000	24.03	8.21	99.3	
2542	08/14/98	2100	24.05	8.25	99.8	
2543	08/14/98	2200	24.03	8.22	99.4	
2544	08/14/98	2300	23.96	8.05	97.5	
2545	08/15/98	0	23.96	8.07	97.4	
2546	08/15/98	100	23.90	7.85	95.5	
2547	08/15/98	200	23.89	7.85	94.7	
2548	08/15/98	300	23.87	7.75	93.4	
2549	08/15/98	400	23.85	7.85	94.6	
2550	08/15/98	500	23.81	7.85	94.5	

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2551	08/15/98	600	23.78	7.82	94.1	94.1
2552	08/15/98	700	23.74	7.76	93.3	93.3
2553	08/15/98	800	23.70	7.72	92.7	92.7
2554	08/15/98	900	23.69	7.80	93.7	93.7
2555	08/15/98	1000	23.70	7.89	94.7	94.7
2556	08/15/98	1100	23.79	8.01	96.4	96.4
2557	08/15/98	1200	23.96	8.30	100.2	100.2
2558	08/15/98	1300	24.14	8.56	103.7	103.7
2559	08/15/98	1400	24.20	8.58	104.0	104.0
2560	08/15/98	1500	24.36	8.76	106.6	106.6
2561	08/15/98	1600	24.49	8.96	109.3	109.3
2562	08/15/98	1700	24.49	8.95	109.1	109.1
2563	08/15/98	1800	24.53	8.95	109.0	109.0
2564	08/15/98	1900	24.38	8.83	105.6	105.6
2565	08/15/98	2000	24.34	8.67	105.4	105.4
2566	08/15/98	2100	24.23	8.48	102.9	102.9
2567	08/15/98	2200	24.10	8.29	100.3	100.3
2568	08/15/98	2300	24.03	8.16	98.7	98.7
2569	08/15/98	0	23.96	8.01	96.7	96.7
2570	08/16/98	100	23.92	7.97	96.1	96.1
2571	08/16/98	200	23.87	7.95	95.8	95.8
2572	08/16/98	300	23.85	8.04	96.8	96.8
2573	08/16/98	400	23.79	8.03	96.6	96.6
2574	08/16/98	500	23.70	7.97	95.8	95.8
2575	08/16/98	600	23.67	7.90	94.9	94.9
2576	08/16/98	700	23.61	8.03	96.3	96.3
2577	08/16/98	800	23.54	7.89	95.7	95.7
2578	08/16/98	900	23.58	8.02	96.1	96.1
2579	08/16/98	1000	23.58	7.96	96.4	96.4
2580	08/16/98	1100	23.54	7.95	96.2	96.2
2581	08/16/98	1200	23.58	7.97	95.6	95.6
2582	08/16/98	1300	23.61	7.87	94.4	94.4
2583	08/16/98	1400	23.59	7.86	94.3	94.3
2584	08/16/98	1500	23.50	7.70	92.3	92.3
2585	08/16/98	1600	23.50	7.61	89.9	89.9
2586	08/16/98	1700	23.43	7.35	87.8	87.8
2587	08/16/98	1800	23.36	7.31	87.3	87.3
2588	08/16/98	1900	23.38	7.28	87.0	87.0
2589	08/16/98	2000	23.43	7.48	89.4	89.4
2590	08/16/98	2100	23.50	7.63	91.3	91.3
2591	08/16/98	2200	23.54	7.67	91.8	91.8
2592	08/16/98	2300	23.56	7.73	92.6	92.6
2593	08/17/98	0	23.59	7.81	93.5	93.5
2594	08/17/98	100	23.59	7.74	92.8	92.8
2595	08/17/98	200	23.68	7.74	91.2	91.2
2596	08/17/98	300	23.56	7.61	90.4	90.4
2597	08/17/98	400	23.54	7.46	89.4	89.4
2598	08/17/98	500	23.50	7.36	88.1	88.1
2599	08/17/98	600	23.47	7.26	86.8	86.8
2600	08/17/98	700	23.39	7.08	84.6	84.6
2601	08/17/98	800	23.38	7.15	85.4	85.4
2602	08/17/98	900	23.38	7.13	85.2	85.2
2603	08/17/98	1000	23.41	7.46	89.1	89.1
2604	08/17/98	1100	23.47	7.45	89.1	89.1
2605	08/17/98	1200	23.54	7.66	91.7	91.7
2606	08/17/98	1300	23.76	7.88	94.8	94.8
2607	08/17/98	1400	23.75	7.78	93.6	93.6
2608	08/17/98	1500	23.89	7.98	96.2	96.2
2609	08/17/98	1600	24.05	8.28	100.5	100.5
2610	08/17/98	1700	24.01	8.31	100.5	100.5
2611	08/17/98	1800	24.07	8.42	101.8	101.8
2612	08/17/98	1900	24.00	8.35	100.9	100.9
2613	08/17/98	2000	23.92	8.34	100.6	100.6
2614	08/17/98	2100	23.79	8.26	99.4	99.4
2615	08/17/98	2200	23.69	8.08	97.1	97.1
2616	08/17/98	2300	23.56	7.95	95.2	95.2
2617	08/18/98	0	23.45	7.80	94.1	94.1
2618	08/18/98	100	23.35	7.82	93.3	93.3
2619	08/18/98	200	23.28	7.85	93.3	93.3
2620	08/18/98	300	23.23	7.75	92.8	92.8
2621	08/18/98	400	23.14	7.79	92.6	92.6
2622	08/18/98	500	23.05	7.76	92.0	92.0
2623	08/18/98	600	22.98	7.71	91.3	91.3
2624	08/18/98	700	22.91	7.66	90.7	90.7
2625	08/18/98	800	22.82	7.64	90.2	90.2

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
2626	08/18/98	900	22.76	7.58	89.5
2627	08/18/98	1000	22.76	7.55	89.1
2628	08/18/98	1100	22.80	7.86	90.5
2629	08/18/98	1200	22.91	7.92	93.7
2630	08/18/98	1300	23.03	8.06	95.6
2631	08/18/98	1400	23.18	8.24	98.1
2632	08/18/98	1500	23.27	8.25	98.4
2633	08/18/98	1600	23.18	8.23	97.9
2634	08/18/98	1700	23.09	8.13	96.5
2635	08/18/98	1800	23.07	7.98	94.7
2636	08/18/98	1900	22.56	7.87	93.3
2637	08/18/98	2000	22.89	7.79	92.1
2638	08/18/98	2100	22.82	7.86	92.9
2639	08/18/98	2200	22.78	7.99	94.3
2640	08/18/98	2300	22.78	7.94	93.8
2641	08/19/98	0	22.87	8.06	95.3
2642	08/19/98	100	22.89	8.09	95.8
2643	08/19/98	200	22.91	8.13	96.3
2644	08/19/98	300	22.87	8.17	96.6
2645	08/19/98	400	22.85	8.15	96.4
2646	08/19/98	500	22.83	8.11	96.9
2647	08/19/98	600	22.78	8.00	94.4
2648	08/19/98	700	22.74	7.89	93.2
2649	08/19/98	800	22.74	7.88	92.9
2650	08/19/98	900	22.71	7.87	92.9
2651	08/19/98	1000	22.69	7.75	91.4
2652	08/19/98	1100	22.64	7.62	89.7
2653	08/19/98	1200	22.56	7.36	86.6
2654	08/19/98	1300	22.51	7.18	84.2
2655	08/19/98	1400	22.48	7.68	90.2
2656	08/19/98	1500	22.44	7.78	91.3
2657	08/19/98	1600	22.40	7.77	91.1
2658	08/19/98	1700	22.39	7.81	91.5
2659	08/19/98	1800	22.33	7.63	89.3
2660	08/19/98	1900	22.37	7.47	87.5
2661	08/19/98	2000	22.42	7.60	89.1
2662	08/19/98	2100	22.46	7.70	90.4
2663	08/19/98	2200	22.49	7.74	90.9
2664	08/19/98	2300	22.51	7.74	90.9
2665	08/20/98	0	22.53	7.86	92.4
2666	08/20/98	100	22.53	7.90	92.8
2667	08/20/98	200	22.48	7.77	91.2
2668	08/20/98	300	22.48	7.72	90.6
2669	08/20/98	400	22.48	7.82	91.8
2670	08/20/98	500	22.46	7.86	92.2
2671	08/20/98	600	22.46	7.95	93.3
2672	08/20/98	700	22.46	7.96	93.4
2673	08/20/98	800	22.46	7.87	92.3
2674	08/20/98	900	22.46	7.71	90.5
2675	08/20/98	1000	22.46	7.60	89.2
2676	08/20/98	1100	22.46	7.54	88.5
2677	08/20/98	1200	22.46	7.57	88.8
2678	08/20/98	1300	22.46	7.90	95.1
2679	08/20/98	1400	22.55	7.98	96.1
2680	08/20/98	1500	22.64	8.06	97.2
2681	08/20/98	1600	22.75	8.10	98.0
2682	08/20/98	1700	22.91	8.14	98.7
2683	08/20/98	1800	23.02	8.25	100.3
2684	08/20/98	1900	23.08	8.33	101.3
2685	08/20/98	2000	22.91	8.27	100.3
2686	08/20/98	2100	22.88	8.23	99.8
2687	08/20/98	2200	23.09	8.38	102.0
2688	08/20/98	2300	23.15	8.50	103.6
2689	08/21/98	0	23.15	8.64	105.2
2690	08/21/98	100	23.15	8.47	103.3
2691	08/21/98	200	23.06	8.37	101.8
2692	08/21/98	300	22.98	8.34	101.4
2693	08/21/98	400	22.93	8.29	100.6
2694	08/21/98	500	22.84	8.24	99.8
2695	08/21/98	600	22.79	8.22	99.5
2696	08/21/98	700	22.75	8.13	98.3
2697	08/21/98	800	22.72	8.13	98.2
2698	08/21/98	900	22.70	8.08	97.7
2699	08/21/98	1000	22.73	8.13	98.2
2700	08/21/98	1100	22.82	8.15	98.6

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2701	08/21/98	1200	22.88	8.13	98.5	98.5
2702	08/21/98	1300	22.95	8.30	100.8	100.8
2703	08/21/98	1400	23.04	8.39	102.0	102.0
2704	08/21/98	1500	23.27	8.50	103.8	103.8
2705	08/21/98	1600	23.26	8.47	103.4	103.4
2706	08/21/98	1700	23.36	8.61	105.4	105.4
2707	08/21/98	1800	23.27	8.63	105.4	105.4
2708	08/21/98	1900	23.20	8.62	105.1	105.1
2709	08/21/98	2000	23.08	8.57	104.2	104.2
2710	08/21/98	2100	23.04	8.50	103.3	103.3
2711	08/21/98	2200	23.09	8.52	103.7	103.7
2712	08/21/98	2300	23.22	8.60	105.0	105.0
2713	08/22/98	0	23.24	8.54	104.3	104.3
2714	08/22/98	100	23.33	8.53	104.3	104.3
2715	08/22/98	200	23.38	8.57	104.9	104.9
2716	08/22/98	300	23.38	8.46	103.6	103.6
2717	08/22/98	400	23.35	8.36	102.2	102.2
2718	08/22/98	500	23.31	8.25	100.9	100.9
2719	08/22/98	600	23.20	8.09	98.7	98.7
2720	08/22/98	700	23.13	7.98	97.2	97.2
2721	08/22/98	800	23.09	7.90	96.2	96.2
2722	08/22/98	900	23.06	7.83	95.3	95.3
2723	08/22/98	1000	23.04	7.87	95.7	95.7
2724	08/22/98	1100	23.04	7.87	95.7	95.7
2725	08/22/98	1200	23.02	7.92	96.2	96.2
2726	08/22/98	1300	23.02	7.97	96.9	96.9
2727	08/22/98	1400	22.97	7.94	96.4	96.4
2728	08/22/98	1500	22.97	8.02	97.4	97.4
2729	08/22/98	1600	22.97	8.05	98.1	98.1
2730	08/22/98	1700	23.06	8.20	99.7	99.7
2731	08/22/98	1800	23.13	8.26	100.6	100.6
2732	08/22/98	1900	23.18	8.32	101.4	101.4
2733	08/22/98	2000	23.18	8.25	100.6	100.6
2734	08/22/98	2100	23.18	8.21	99.1	99.1
2735	08/22/98	2200	23.18	8.12	97.7	97.7
2736	08/22/98	2300	23.15	8.02	95.9	95.9
2737	08/23/98	0	23.13	7.88	94.7	94.7
2738	08/23/98	100	23.09	7.78	93.0	93.0
2739	08/23/98	200	23.09	7.81	93.1	93.1
2740	08/23/98	300	23.11	7.81	93.6	93.6
2741	08/23/98	400	23.15	7.84	94.2	94.2
2742	08/23/98	500	23.15	7.89	95.1	95.1
2743	08/23/98	600	23.15	7.89	95.6	95.6
2744	08/23/98	700	23.15	7.83	95.3	95.3
2745	08/23/98	800	23.15	7.78	94.8	94.8
2746	08/23/98	900	23.15	7.68	93.6	93.6
2747	08/23/98	1000	23.15	7.60	92.6	92.6
2748	08/23/98	1300	21.81	7.59	93.1	93.1
2749	08/23/98	1400	21.84	8.03	93.6	93.6
2750	08/23/98	1500	21.85	8.08	94.2	94.2
2751	08/23/98	1600	21.87	8.18	95.4	95.4
2752	08/23/98	1700	21.91	8.25	96.4	96.4
2753	08/23/98	1800	21.84	8.22	96.0	96.0
2754	08/23/98	1900	21.79	8.15	95.5	95.5
2755	08/23/98	2000	21.72	8.00	94.7	94.7
2756	08/23/98	2100	21.65	8.36	97.3	97.3
2757	08/23/98	2200	21.61	8.34	96.8	96.8
2758	08/23/98	2300	21.58	8.34	96.7	96.7
2759	08/23/98	0	21.52	8.36	96.9	96.9
2760	08/23/98	100	21.47	8.27	95.7	95.7
2761	08/23/98	200	21.42	8.18	94.6	94.6
2762	08/23/98	300	21.38	8.12	94.6	94.6
2763	08/23/98	400	21.31	8.07	93.9	93.9
2764	08/23/98	500	21.26	8.02	93.2	93.2
2765	08/23/98	600	21.18	8.00	92.4	92.4
2766	08/23/98	700	21.12	7.99	91.9	91.9
2767	08/23/98	800	21.08	7.97	91.5	91.5
2768	08/23/98	900	21.06	7.96	91.4	91.4
2769	08/23/98	1000	21.10	8.01	92.0	92.0
2770	08/23/98	1100	21.12	8.11	93.3	93.3
2771	08/23/98	1200	21.12	8.15	93.7	93.7
2772	08/23/98	1300	21.12	8.30	95.4	95.4
2773	08/23/98	1400	21.15	8.41	96.7	96.7
2774	08/23/98	1500	21.29	8.51	98.1	98.1
2775	08/23/98	1700	21.35	8.61	99.4	99.4

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2776	09/03/98	1800	21.52	8.80	101.9	9
2777	09/03/98	1900	21.47	8.71	100.8	8
2778	09/03/98	2000	21.31	8.54	98.5	5
2779	09/03/98	2100	21.27	8.43	97.2	2
2780	09/03/98	2200	21.22	8.40	96.8	8
2781	09/03/98	2300	21.17	8.37	96.3	3
2782	09/04/98	0	21.08	8.30	95.3	3
2783	09/04/98	100	20.99	8.26	94.8	8
2784	09/04/98	200	20.92	8.28	94.8	8
2785	09/04/98	300	20.85	8.25	94.3	3
2786	09/04/98	400	20.77	8.23	94.0	0
2787	09/04/98	500	20.74	8.15	93.0	0
2788	09/04/98	600	20.70	8.13	92.6	6
2789	09/04/98	700	20.64	8.07	91.9	9
2790	09/04/98	800	20.64	8.08	92.0	0
2791	09/04/98	900	20.61	8.13	92.6	6
2792	09/04/98	1000	20.61	8.20	93.3	3
2793	09/04/98	1100	20.56	8.17	92.9	9
2794	09/04/98	1200	20.54	8.16	92.7	7
2795	09/04/98	1300	20.50	8.15	92.6	6
2796	09/04/98	1400	20.42	8.13	92.2	2
2797	09/04/98	1500	20.35	8.08	91.4	4
2798	09/04/98	1600	20.26	7.97	90.1	1
2799	09/04/98	1700	20.21	7.91	89.4	4
2800	09/04/98	1800	20.19	7.89	89.1	1
2801	09/04/98	1900	20.29	7.93	89.7	7
2802	09/04/98	2000	20.42	8.02	90.9	9
2803	09/04/98	2100	20.57	8.13	92.8	8
2804	09/04/98	2200	20.63	8.30	94.5	5
2805	09/04/98	2300	20.68	8.35	95.2	2
2806	09/05/98	0	20.68	8.35	95.2	2
2807	09/05/98	100	20.66	8.38	95.5	5
2808	09/05/98	200	20.64	8.38	95.5	5
2809	09/05/98	300	20.59	8.33	94.7	7
2810	09/05/98	400	20.54	8.28	94.1	1
2811	09/05/98	500	20.50	8.23	93.8	9
2812	09/05/98	600	20.47	8.18	92.7	7
2813	09/05/98	700	20.45	8.17	92.7	7
2814	09/05/98	800	20.43	8.14	92.3	3
2815	09/05/98	900	20.38	8.18	92.7	7
2816	09/05/98	1000	20.33	8.22	93.0	0
2817	09/05/98	1100	20.28	8.18	92.6	6
2818	09/05/98	1200	20.22	8.20	92.7	7
2819	09/05/98	1300	20.19	8.19	92.4	4
2820	09/05/98	1400	20.12	8.08	91.1	1
2821	09/05/98	1500	20.10	8.04	90.6	6
2822	09/05/98	1600	20.14	8.02	90.4	4
2823	09/05/98	1700	20.21	7.98	90.1	1
2824	09/05/98	1800	20.38	8.01	90.8	8
2825	09/05/98	1900	20.54	8.19	93.1	9
2826	09/05/98	2000	20.66	8.42	96.0	0
2827	09/05/98	2100	20.77	8.60	98.2	7
2828	09/05/98	2200	20.84	8.72	99.7	7
2829	09/06/98	2300	20.81	8.64	99.1	2
2830	09/06/98	0	20.94	8.83	101.2	2
2831	09/06/98	100	20.96	8.82	101.1	1
2832	09/06/98	200	20.98	8.79	100.7	7
2833	09/06/98	300	20.96	8.76	100.4	4
2834	09/06/98	400	20.94	8.75	100.3	3
2835	09/06/98	500	20.94	8.71	99.8	8
2836	09/06/98	600	20.84	8.67	99.4	4
2837	09/06/98	700	20.53	8.63	98.8	8
2838	09/06/98	800	20.52	8.61	98.6	6
2839	09/06/98	900	20.54	8.65	99.1	1
2840	09/06/98	1000	21.01	8.70	99.8	8
2841	09/06/98	1100	21.10	8.75	100.5	5
2842	09/06/98	1200	21.24	8.82	101.6	6
2843	09/06/98	1300	21.33	8.86	102.3	3
2844	09/06/98	1400	21.42	8.88	102.8	8
2845	09/06/98	1500	21.68	9.00	104.6	6
2846	09/06/98	1600	21.83	9.19	107.1	1
2847	09/06/98	1700	22.05	9.35	109.4	4
2848	09/06/98	1800	22.06	9.38	109.8	8
2849	09/06/98	1900	21.97	9.44	110.3	3
2850	09/06/98	2000	21.91	9.32	108.8	8

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2851	09/06/98	2100	21.88	9.35		109.1
2852	09/06/98	2200	21.77	9.28		108.0
2853	09/06/98	2300	21.74	9.22		107.3
2854	09/07/98	0	21.68	9.15		106.4
2855	09/07/98	100	21.65	9.16		106.4
2856	09/07/98	200	21.59	9.08		105.3
2857	09/07/98	300	21.59	9.08		105.3
2858	09/07/98	400	21.52	9.02		104.5
2859	09/07/98	500	21.48	8.97		103.8
2860	09/07/98	600	21.45	8.98		103.9
2861	09/07/98	700	21.42	8.94		103.4
2862	09/07/98	800	21.39	8.93		103.3
2863	09/07/98	900	21.36	8.94		103.3
2864	09/07/98	1000	21.36	8.94		103.3
2865	09/07/98	1100	21.43	9.02		104.4
2866	09/07/98	1200	21.56	9.22		106.9
2867	09/07/98	1300	21.59	9.29		107.9
2868	09/07/98	1400	21.75	9.42		109.7
2869	09/07/98	1500	21.84	9.43		110.0
2870	09/07/98	1600	21.88	9.54		111.4
2871	09/07/98	1700	21.94	9.68		113.1
2872	09/07/98	1800	21.85	9.64		112.5
2873	09/07/98	1900	21.72	9.46		110.1
2874	09/07/98	2000	21.61	9.33		108.4
2875	09/07/98	2100	21.55	9.22		106.8
2876	09/07/98	2200	21.48	9.12		105.6
2877	09/07/98	2300	21.43	9.02		104.4
2878	09/08/98	0	21.38	8.98		103.8
2879	09/08/98	100	21.35	8.92		104.2
2880	09/08/98	200	21.29	8.88		103.6
2881	09/08/98	300	21.24	8.94		103.0
2882	09/08/98	400	21.19	8.87		102.1
2883	09/08/98	500	21.14	8.85		101.8
2884	09/08/98	600	21.06	8.79		100.9
2885	09/08/98	700	21.01	8.71		100.0
2886	09/08/98	800	20.97	8.70		99.7
2887	09/08/98	900	20.92	8.67		99.3
2888	09/08/98	1000	20.89	8.70		99.5
2889	09/08/98	1100	20.91	8.74		100.0
2890	09/08/98	1200	20.98	8.79		100.7
2891	09/08/98	1300	21.02	8.74		100.3
2892	09/08/98	1400	21.05	8.79		101.0
2893	09/08/98	1500	21.06	8.86		101.7
2894	09/08/98	1600	21.06	8.90		102.2
2895	09/08/98	1700	21.05	8.92		102.4
2896	09/08/98	1800	21.03	8.93		102.5
2897	09/08/98	1900	20.95	8.85		101.4
2898	09/08/98	2000	20.91	8.78		100.5
2899	09/08/98	2100	20.85	8.73		99.8
2900	09/08/98	2200	20.82	8.68		99.2
2901	09/08/98	2300	20.77	8.67		99.0
2902	09/09/98	0	20.71	8.66		98.8
2903	09/09/98	100	20.66	8.61		98.1
2904	09/09/98	200	20.61	8.59		97.8
2905	09/09/98	300	20.54	8.57		97.5
2906	09/09/98	400	20.49	8.53		96.9
2907	09/09/98	500	20.43	8.50		96.4
2908	09/09/98	600	20.40	8.45		95.8
2909	09/09/98	700	20.38	8.41		95.3
2910	09/09/98	800	20.28	8.40		94.9
2911	09/09/98	900	20.26	8.38		94.8
2912	09/09/98	1000	20.26	8.40		95.0
2913	09/09/98	1100	20.36	8.48		96.0
2914	09/09/98	1200	20.50	8.58		97.5
2915	09/09/98	1300	20.57	8.60		97.8
2916	09/09/98	1400	20.66	8.69		99.0
2917	09/09/98	1500	20.52	8.65		98.2
2918	09/09/98	1600	20.50	8.68		98.6
2919	09/09/98	1700	20.42	8.58		97.4
2920	09/09/98	1800	20.31	8.50		96.2
2921	09/09/98	1900	20.21	8.33		94.1
2922	09/09/98	2000	20.15	8.26		93.2
2923	09/09/98	2100	20.14	8.28		93.4
2924	09/09/98	2200	20.10	8.31		93.6
2925	09/09/98	2300	20.08	8.28		93.3

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
2926	09/10/98	0	20.03	8.27	93.1	93.1
2927	09/10/98	100	20.05	8.37	94.2	94.2
2928	09/10/98	200	20.07	8.47	95.3	95.3
2929	09/10/98	300	20.07	8.52	96.0	96.0
2930	09/10/98	400	20.08	8.58	96.6	96.6
2931	09/10/98	500	20.08	8.62	97.1	97.1
2932	09/10/98	600	20.07	8.59	96.7	96.7
2933	09/10/98	700	20.07	8.55	96.2	96.2
2934	09/10/98	800	20.05	8.53	96.0	96.0
2935	09/10/98	900	20.03	8.47	95.4	95.4
2936	09/10/98	1000	20.03	8.52	95.9	95.9
2937	09/10/98	1100	20.03	8.46	95.2	95.2
2938	09/10/98	1200	20.01	8.29	94.3	94.3
2939	09/10/98	1300	19.98	8.29	93.2	93.2
2940	09/10/98	1400	19.89	8.00	89.8	89.8
2941	09/10/98	1500	19.79	7.97	89.2	89.2
2942	09/10/98	1600	19.75	8.04	90.0	90.0
2943	09/10/98	1700	19.79	8.08	90.5	90.5
2944	09/10/98	1800	19.81	8.15	91.3	91.3
2945	09/10/98	1900	19.87	8.27	92.8	92.8
2946	09/10/98	2000	19.95	8.28	93.1	93.1
2947	09/10/98	2100	20.00	8.36	94.0	94.0
2948	09/10/98	2200	20.03	8.43	94.8	94.8
2949	09/10/98	2300	20.03	8.38	94.3	94.3
2950	09/11/98	0	20.05	8.40	94.6	94.6
2951	09/11/98	100	20.07	8.41	94.7	94.7
2952	09/11/98	200	20.08	8.41	94.7	94.7
2953	09/11/98	300	20.08	8.43	94.9	94.9
2954	09/11/98	400	20.08	8.43	94.9	94.9
2955	09/11/98	500	20.08	8.43	94.9	94.9
2956	09/11/98	600	20.08	8.42	94.8	94.8
2957	09/11/98	700	20.07	8.38	94.3	94.3
2958	09/11/98	800	20.07	8.35	94.1	94.1
2959	09/11/98	900	20.07	8.32	93.7	93.7
2960	09/11/98	1000	20.05	8.32	93.7	93.7
2961	09/11/98	1100	20.05	8.32	93.7	93.7
2962	09/11/98	1200	20.05	8.32	93.7	93.7
2963	09/11/98	1300	20.01	8.26	92.9	92.9
2964	09/11/98	1400	20.00	8.32	93.6	93.6
2965	09/11/98	1500	19.96	8.25	92.7	92.7
2966	09/11/98	1600	19.96	8.23	92.5	92.5
2967	09/11/98	1700	19.98	8.18	91.9	91.9
2968	09/11/98	1800	20.03	8.20	92.3	92.3
2969	09/11/98	1900	20.12	8.22	92.6	92.6
2970	09/11/98	2000	20.24	8.22	92.9	92.9
2971	09/11/98	2100	20.33	8.31	94.0	94.0
2972	09/11/98	2200	20.49	8.45	96.0	96.0
2973	09/11/98	2300	20.56	8.51	96.8	96.8
2974	09/12/98	0	20.63	8.52	97.0	97.0
2975	09/12/98	100	20.64	8.52	97.0	97.0
2976	09/12/98	200	20.68	8.55	97.5	97.5
2977	09/12/98	300	20.70	8.56	97.6	97.6
2978	09/12/98	400	20.70	8.55	97.6	97.6
2979	09/12/98	500	20.70	8.54	97.4	97.4
2980	09/12/98	600	20.73	8.55	97.6	97.6
2981	09/12/98	700	20.77	8.59	98.1	98.1
2982	09/12/98	800	20.84	8.65	98.9	98.9
2983	09/12/98	900	20.85	8.67	99.2	99.2
2984	09/12/98	1000	20.85	8.67	99.2	99.2
2985	09/12/98	1100	20.84	8.63	98.7	98.7
2986	09/12/98	1200	20.85	8.58	98.2	98.2
2987	09/12/98	1300	20.81	8.64	98.9	98.9
2988	09/12/98	1400	20.94	8.55	98.0	98.0
2989	09/12/98	1500	21.06	8.59	98.7	98.7
2990	09/12/98	1600	21.14	8.67	99.8	99.8
2991	09/12/98	1700	20.98	8.57	98.2	98.2
2992	09/12/98	1800	20.96	8.58	98.5	98.5
2993	09/12/98	1900	20.80	8.53	97.4	97.4
2994	09/12/98	2000	20.77	8.48	96.8	96.8
2995	09/12/98	2100	20.82	8.47	96.8	96.8
2996	09/12/98	2200	20.89	8.47	97.0	97.0
2997	09/12/98	2300	20.96	8.49	97.3	97.3
2998	09/13/98	0	21.01	8.52	97.8	97.8
2999	09/13/98	100	21.05	8.54	98.0	98.0
3000	09/13/98	200	21.08	8.50	97.6	97.6

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
3001	09/13/98	300	21.10	8.36	96.1	96.1
3002	09/13/98	400	21.14	8.30	95.4	95.4
3003	09/13/98	500	21.15	8.26	95.0	95.0
3004	09/13/98	600	21.19	8.26	95.1	95.1
3005	09/13/98	700	21.17	8.24	94.8	94.8
3006	09/13/98	800	21.17	8.26	95.0	95.0
3007	09/13/98	900	21.15	8.28	95.3	95.3
3008	09/13/98	1000	21.15	8.29	95.4	95.4
3009	09/13/98	1100	21.12	8.25	94.8	94.8
3010	09/13/98	1200	21.06	8.22	94.5	94.5
3011	09/13/98	1300	21.06	8.21	94.3	94.3
3012	09/13/98	1400	21.06	8.17	93.8	93.8
3013	09/13/98	1500	21.11	8.19	94.2	94.2
3014	09/13/98	1600	21.23	8.30	95.6	95.6
3015	09/13/98	1700	21.23	8.36	96.5	96.5
3016	09/13/98	1800	21.35	8.39	96.8	96.8
3017	09/13/98	1900	21.47	8.47	98.0	98.0
3018	09/13/98	2000	21.56	8.61	99.9	99.9
3019	09/13/98	2100	21.58	8.62	100.0	100.0
3020	09/13/98	2200	21.65	8.68	100.8	100.8
3021	09/13/98	2300	21.67	8.64	100.4	100.4
3022	09/14/98	0	21.67	8.62	100.2	100.2
3023	09/14/98	100	21.61	8.56	99.3	99.3
3024	09/14/98	200	21.62	8.54	99.2	99.2
3025	09/14/98	300	21.56	8.47	98.2	98.2
3026	09/14/98	400	21.55	8.44	97.8	97.8
3027	09/14/98	500	21.49	8.37	96.9	96.9
3028	09/14/98	600	21.45	8.27	95.7	95.7
3029	09/14/98	700	21.40	8.18	94.6	94.6
3030	09/14/98	800	21.35	8.11	93.7	93.7
3031	09/14/98	900	21.31	8.07	93.2	93.2
3032	09/14/98	1000	21.29	8.01	92.4	92.4
3033	09/14/98	1100	21.26	7.93	91.4	91.4
3034	09/14/98	1200	21.22	7.88	90.8	90.8
3035	09/14/98	1300	21.22	7.90	91.1	91.1
3036	09/14/98	1400	21.19	7.83	90.2	90.2
3037	09/14/98	1500	21.17	7.76	89.3	89.3
3038	09/14/98	1600	21.18	7.72	88.9	88.9
3039	09/14/98	1700	21.18	7.75	89.2	89.2
3040	09/14/98	1800	21.22	7.86	90.6	90.6
3041	09/14/98	1900	21.22	7.80	89.9	89.9
3042	09/14/98	2000	21.22	7.84	90.3	90.3
3043	09/14/98	2100	21.24	7.83	90.3	90.3
3044	09/14/98	2200	21.26	7.86	90.7	90.7
3045	09/14/98	2300	21.28	7.90	91.1	91.1
3046	09/15/98	0	21.33	8.01	92.5	92.5
3047	09/15/98	100	21.35	8.03	92.8	92.8
3048	09/15/98	200	21.35	7.97	92.0	92.0
3049	09/15/98	300	21.38	7.89	91.2	91.2
3050	09/15/98	400	21.42	7.84	90.7	90.7
3051	09/15/98	500	21.42	7.73	89.4	89.4
3052	09/15/98	600	21.42	7.71	89.2	89.2
3053	09/15/98	700	21.44	7.70	89.2	89.2
3054	09/15/98	800	21.42	7.68	88.8	88.8
3055	09/15/98	900	21.44	7.67	88.8	88.8
3056	09/15/98	1000	21.44	7.71	89.2	89.2
3057	09/15/98	1100	21.42	7.73	89.4	89.4
3058	09/15/98	1200	21.49	7.75	89.8	89.8
3059	09/15/98	1300	21.58	7.76	90.1	90.1
3060	09/15/98	1400	21.65	7.75	90.1	90.1
3061	09/15/98	1500	21.77	7.82	91.0	91.0
3062	09/15/98	1600	21.84	7.87	91.7	91.7
3063	09/15/98	1700	21.83	7.91	92.3	92.3
3064	09/15/98	1800	21.75	7.89	91.8	91.8
3065	09/15/98	1900	21.73	7.90	91.9	91.9
3066	09/15/98	2000	21.69	7.90	91.8	91.8
3067	09/15/98	2100	21.63	7.87	91.3	91.3
3068	09/15/98	2200	21.58	7.81	90.6	90.6
3069	09/15/98	2300	21.52	7.83	90.8	90.8
3070	09/16/98	0	21.45	7.77	89.9	89.9
3071	09/16/98	100	21.38	7.74	89.4	89.4
3072	09/16/98	200	21.35	7.74	89.3	89.3
3073	09/16/98	300	21.28	7.72	88.0	88.0
3074	09/16/98	400	21.22	7.64	88.0	88.0
3075	09/16/98	500	21.17	7.62	87.7	87.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
3076	09/16/98	600	21.10	7.56	86.9	86.9
3077	09/16/98	700	21.03	7.54	86.6	86.6
3078	09/16/98	800	20.98	7.52	86.2	86.2
3079	09/16/98	900	20.92	7.51	86.0	86.0
3080	09/16/98	1000	20.92	7.59	86.9	86.9
3081	09/16/98	1100	20.91	7.61	87.2	87.2
3082	09/16/98	1200	20.89	7.69	88.1	88.1
3083	09/16/98	1300	20.85	7.67	87.7	87.7
3084	09/16/98	1400	20.84	7.64	87.3	87.3
3085	09/16/98	1500	20.85	7.60	86.9	86.9
3086	09/16/98	1600	20.80	7.60	86.8	86.8
3087	09/16/98	1700	20.71	7.54	86.0	86.0
3088	09/16/98	1800	20.75	7.52	85.8	85.8
3089	09/16/98	1900	20.71	7.49	85.5	85.5
3090	09/16/98	2000	20.73	7.44	84.8	84.8
3091	09/16/98	2100	20.82	7.50	85.7	85.7
3092	09/16/98	2200	20.82	7.49	85.6	85.6
3093	09/16/98	2300	20.91	7.51	86.0	86.0
3094	09/17/98	0	20.91	7.49	85.8	85.8
3095	09/17/98	100	20.89	7.56	86.5	86.5
3096	09/17/98	200	20.84	7.56	86.4	86.4
3097	09/17/98	300	20.80	7.61	87.0	87.0
3098	09/17/98	400	20.73	7.58	86.5	86.5
3099	09/17/98	500	20.71	7.65	87.3	87.3
3100	09/17/98	600	20.63	7.64	86.9	86.9
3101	09/17/98	700	20.52	7.66	87.0	87.0
3102	09/17/98	800	20.47	7.73	87.8	87.8
3103	09/17/98	900	20.49	7.74	87.9	87.9
3104	09/17/98	1000	20.52	7.71	87.6	87.6
3105	09/17/98	1100	20.52	7.70	87.5	87.5
3106	09/17/98	1200	20.63	7.80	88.9	88.9
3107	09/17/98	1300	20.52	7.87	91.1	91.1
3108	09/17/98	1400	20.70	7.89	91.7	91.7
3109	09/17/98	1500	20.61	7.81	90.6	90.6
3110	09/17/98	1600	20.63	7.81	90.7	90.7
3111	09/17/98	1700	20.59	7.71	88.4	88.4
3112	09/17/98	1800	20.57	7.65	88.6	88.6
3113	09/17/98	1900	20.66	7.81	90.7	90.7
3114	09/17/98	2000	20.77	7.93	92.3	92.3
3115	09/17/98	2100	20.78	7.96	92.6	92.6
3116	09/17/98	2200	20.84	8.02	93.4	93.4
3117	09/17/98	2300	20.92	8.15	95.2	95.2
3118	09/18/98	0	20.94	8.17	95.4	95.4
3119	09/18/98	100	20.85	8.14	94.9	94.9
3120	09/18/98	200	20.80	8.14	94.8	94.8
3121	09/18/98	300	20.73	8.08	93.9	93.9
3122	09/18/98	400	20.66	8.09	94.0	94.0
3123	09/18/98	500	20.57	8.10	93.9	93.9
3124	09/18/98	600	20.50	8.18	94.6	94.6
3125	09/18/98	700	20.45	8.20	94.8	94.8
3126	09/18/98	800	20.43	8.21	94.9	94.9
3127	09/18/98	900	20.42	8.18	94.5	94.5
3128	09/18/98	1000	20.38	8.11	93.7	93.7
3129	09/18/98	1100	20.35	8.15	94.1	94.1
3130	09/18/98	1200	20.31	8.18	94.3	94.3
3131	09/18/98	1300	20.31	8.15	94.0	94.0
3132	09/18/98	1400	20.36	8.06	93.0	93.0
3133	09/18/98	1500	20.38	8.04	92.9	92.9
3134	09/18/98	1600	20.40	7.98	92.3	92.3
3135	09/18/98	1700	20.43	7.88	91.1	91.1
3136	09/18/98	1800	20.52	7.98	92.5	92.5
3137	09/18/98	1900	20.63	8.07	93.7	93.7
3138	09/18/98	2000	20.73	8.19	95.2	95.2
3139	09/18/98	2100	20.80	8.24	95.9	95.9
3140	09/18/98	2200	20.89	8.37	97.6	97.6
3141	09/18/98	2300	20.96	8.43	98.5	98.5
3142	09/19/98	0	20.98	8.40	98.1	98.1
3143	09/19/98	100	21.01	8.43	98.6	98.6
3144	09/19/98	200	21.01	8.38	98.0	98.0
3145	09/19/98	300	20.99	8.30	97.0	97.0
3146	09/19/98	400	20.98	8.19	95.7	95.7
3147	09/19/98	500	20.98	8.19	95.7	95.7
3148	09/19/98	600	20.98	8.22	96.0	96.0
3149	09/19/98	700	20.94	8.22	95.7	95.7
3150	09/19/98	800	20.94	8.24	96.2	96.2

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
3151	09/19/98	900	20.91	8.21	95.8
3152	09/19/98	1000	20.87	8.16	95.1
3153	09/19/98	1100	20.84	8.13	94.8
3154	09/19/98	1200	20.84	8.26	96.3
3155	09/19/98	1300	20.82	8.27	96.3
3156	09/19/98	1400	20.87	8.24	96.1
3157	09/19/98	1500	20.89	8.26	96.3
3158	09/19/98	1600	20.92	8.20	95.8
3159	09/19/98	1700	20.98	8.22	96.1
3160	09/19/98	1800	21.03	8.25	96.5
3161	09/19/98	1900	21.12	8.33	97.6
3162	09/19/98	2000	21.19	8.40	98.6
3163	09/19/98	2100	21.25	8.48	98.7
3164	09/19/98	2200	21.29	8.51	98.7
3165	09/19/98	2300	21.36	8.58	100.1
3166	09/20/98	0	21.40	8.60	101.0
3167	09/20/98	100	21.40	8.57	101.3
3168	09/20/98	200	21.42	8.50	100.9
3169	09/20/98	300	21.40	8.46	99.7
3170	09/20/98	400	21.38	8.37	98.6
3171	09/20/98	500	21.35	8.28	97.4
3172	09/20/98	600	21.36	8.18	95.9
3173	09/20/98	700	21.35	8.09	95.2
3174	09/20/98	800	21.33	8.00	94.1
3175	09/20/98	900	21.31	7.92	93.1
3176	09/20/98	1000	21.33	7.96	93.7
3177	09/20/98	1100	21.33	7.98	93.9
3178	09/20/98	1200	21.31	7.96	93.6
3179	09/20/98	1300	21.28	7.89	92.7
3180	09/20/98	1400	21.31	7.85	92.5
3181	09/20/98	1500	21.31	7.97	93.7
3182	09/20/98	1600	21.31	7.98	93.8
3183	09/20/98	1700	21.31	7.94	93.4
3184	09/20/98	1800	21.33	7.96	93.7
3185	09/20/98	1900	21.35	8.04	94.7
3186	09/20/98	2000	21.40	8.12	95.7
3187	09/20/98	2100	21.44	8.27	97.5
3188	09/20/98	2200	21.47	8.33	98.3
3189	09/20/98	2300	21.49	8.37	98.7
3190	09/21/98	0	21.49	8.55	100.9
3191	09/21/98	100	21.49	8.58	101.2
3192	09/21/98	200	21.51	8.65	102.1
3193	09/21/98	300	21.49	8.64	102.0
3194	09/21/98	400	21.45	8.62	101.7
3195	09/21/98	500	21.40	8.52	101.5
3196	09/21/98	600	21.35	8.51	100.2
3197	09/21/98	700	21.33	8.44	99.3
3198	09/21/98	800	21.31	8.37	98.5
3199	09/21/98	900	21.28	8.44	99.2
3200	09/21/98	1000	21.26	8.41	98.9
3201	09/21/98	1100	21.26	8.38	98.5
3202	09/21/98	1200	21.26	8.51	100.0
3203	09/21/98	1300	21.24	8.47	99.4
3204	09/21/98	1400	21.24	8.45	99.5
3205	09/21/98	1500	21.24	8.45	99.5
3206	09/21/98	1600	21.24	8.56	100.0
3207	09/21/98	1700	21.22	8.56	100.5
3208	09/21/98	1800	21.19	8.58	100.4
3209	09/21/98	1900	21.12	8.58	100.5
3210	09/21/98	2000	21.05	8.46	98.0
3211	09/21/98	2100	20.88	8.39	98.0
3212	09/21/98	2200	20.88	8.45	98.5
3213	09/21/98	2300	20.82	8.49	98.9
3214	09/22/98	0	20.73	8.48	98.6
3215	09/22/98	100	20.66	8.42	97.7
3216	09/22/98	200	20.61	8.39	97.3
3217	09/22/98	300	20.56	8.35	96.8
3218	09/22/98	400	20.43	8.32	96.3
3219	09/22/98	500	20.43	8.28	95.7
3220	09/22/98	600	20.36	8.27	95.4
3221	09/22/98	700	20.35	8.20	95.1
3222	09/22/98	800	20.22	8.15	94.4
3223	09/22/98	900	20.17	8.15	93.7
3224	09/22/98	1000	20.12	8.16	93.7
3225	09/22/98	1100	20.12	8.17	93.9
3226	09/22/98		20.11	8.22	94.4

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
3226	09/22/98	1200	20.14	8.27	95.0	95.0
3227	09/22/98	1300	20.14	8.29	95.2	95.2
3228	09/22/98	1400	20.15	8.30	95.4	95.4
3229	09/22/98	1500	20.17	8.39	96.5	96.5
3230	09/22/98	1600	20.17	8.46	97.1	97.1
3231	09/22/98	1700	20.19	8.59	98.9	98.9
3232	09/22/98	1800	20.14	8.65	99.4	99.4
3233	09/22/98	1900	20.01	8.53	97.8	97.8
3234	09/22/98	2000	19.93	8.46	96.9	96.9
3235	09/22/98	2100	19.86	8.36	96.6	96.6
3236	09/22/98	2200	19.82	8.32	96.0	96.0
3237	09/22/98	2300	19.75	8.32	94.9	94.9
3238	09/23/98	0	19.70	8.31	94.7	94.7
3239	09/23/98	100	19.60	8.27	94.0	94.0
3240	09/23/98	200	19.56	8.22	93.4	93.4
3241	09/23/98	300	19.49	8.21	93.1	93.1
3242	09/23/98	400	19.41	8.20	92.8	92.8
3243	09/23/98	500	19.30	8.18	92.4	92.4
3244	09/23/98	600	19.20	8.16	92.1	92.1
3245	09/23/98	700	19.10	8.15	91.8	91.8
3246	09/23/98	800	19.04	8.13	91.4	91.4
3247	09/23/98	900	18.99	8.12	91.2	91.2
3248	09/23/98	1000	18.97	8.13	91.3	91.3
3249	09/23/98	1100	18.94	8.15	91.4	91.4
3250	09/23/98	1200	18.92	8.21	92.1	92.1
3251	09/23/98	1300	18.91	8.20	91.9	91.9
3252	09/23/98	1400	18.80	8.05	90.0	90.0
3253	09/23/98	1500	18.67	7.99	89.2	89.2
3254	09/23/98	1600	18.58	7.99	89.0	89.0
3255	09/23/98	1700	18.53	7.98	88.8	88.8
3256	09/23/98	1800	18.51	7.99	88.8	88.8
3257	09/23/98	1900	18.53	8.01	89.2	89.2
3258	09/23/98	2000	18.58	8.11	90.3	90.3
3259	09/23/98	2100	18.63	8.19	91.3	91.3
3260	09/23/98	2200	18.61	8.20	91.4	91.4
3261	09/23/98	2300	18.60	8.22	91.6	91.6
3262	09/24/98	0	18.68	8.22	91.6	91.6
3263	09/24/98	100	18.55	8.28	92.2	92.2
3264	09/24/98	200	18.53	8.30	92.3	92.3
3265	09/24/98	300	18.51	8.29	92.2	92.2
3266	09/24/98	400	18.49	8.29	92.2	92.2
3267	09/24/98	500	18.48	8.27	91.9	91.9
3268	09/24/98	600	18.48	8.24	91.5	91.5
3269	09/24/98	700	18.43	8.17	90.8	90.8
3270	09/24/98	800	18.33	8.18	90.6	90.6
3271	09/24/98	900	18.20	8.22	90.8	90.8
3272	09/24/98	1000	18.07	8.22	90.6	90.6
3273	09/24/98	1100	17.95	8.21	90.3	90.3
3274	09/24/98	1200	17.88	8.21	90.1	90.1
3275	09/24/98	1300	17.84	8.22	90.1	90.1
3276	09/24/98	1400	17.81	8.22	90.2	90.2
3277	09/24/98	1500	17.76	8.23	90.1	90.1
3278	09/24/98	1600	17.72	8.23	90.1	90.1
3279	09/24/98	1700	17.74	8.25	90.3	90.3
3280	09/24/98	1800	17.78	8.29	90.8	90.8
3281	09/24/98	1900	17.84	8.27	90.7	90.7
3282	09/24/98	2000	17.91	8.31	91.3	91.3
3283	09/24/98	2100	17.95	8.34	91.7	91.7
3284	09/24/98	2200	17.95	8.40	92.4	92.4
3285	09/24/98	2300	17.95	8.44	92.8	92.8
3286	09/25/98	0	17.93	8.44	92.8	92.8
3287	09/25/98	100	17.91	8.42	92.5	92.5
3288	09/25/98	200	17.88	8.43	92.6	92.6
3289	09/25/98	300	17.86	8.43	92.6	92.6
3290	09/25/98	400	17.83	8.42	92.5	92.5
3291	09/25/98	500	17.81	8.39	92.4	92.4
3292	09/25/98	600	17.81	8.37	92.0	92.0
3293	09/25/98	700	17.74	8.39	91.7	91.7
3294	09/25/98	800	17.68	8.41	91.9	91.9
3295	09/25/98	900	17.62	8.42	92.0	92.0
3296	09/25/98	1000	17.54	8.42	92.0	92.0
3297	09/25/98	1100	17.44	8.46	92.0	92.0
3298	09/25/98	1200	17.33	8.44	91.6	91.6
3299	09/25/98	1300	17.32	8.44	91.6	91.6
3300	09/25/98	1400	17.33	8.45	91.7	91.7

WHITE RAPIDS TAILRACE 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
3301	09/25/98	1500	17.28	8.45	91.6
3302	09/25/98	1600	17.27	8.45	91.7
3303	09/25/98	1700	17.32	8.45	91.7
3304	09/25/98	1800	17.37	8.45	91.8
3305	09/25/98	1900	17.42	8.44	91.8
3306	09/25/98	2000	17.47	8.47	92.2
3307	09/25/98	2100	17.50	8.59	93.6
3308	09/25/98	2200	17.55	8.66	94.5
3309	09/25/98	2300	17.59	8.70	94.9
3310	09/26/98	0	17.61	8.69	94.9
3311	09/26/98	100	17.62	8.75	95.7
3312	09/26/98	200	17.62	8.67	94.6
3313	09/26/98	300	17.64	8.63	94.3
3314	09/26/98	400	17.64	8.62	94.2
3315	09/26/98	500	17.64	8.61	94.0
3316	09/26/98	600	17.66	8.58	93.8
3317	09/26/98	700	17.59	8.60	93.9
3318	09/26/98	800	17.57	8.63	94.1
3319	09/26/98	900	17.52	8.63	94.0
3320	09/26/98	1000	17.45	8.68	94.5
3321	09/26/98	1100	17.60	8.66	94.4
3322	09/26/98	1200	17.42	8.68	94.3
3323	09/26/98	1300	17.37	8.69	94.4
3324	09/26/98	1400	17.35	8.66	94.1
3325	09/26/98	1500	17.30	8.61	93.4
3326	09/26/98	1600	17.25	8.60	93.2
3327	09/26/98	1700	17.25	8.55	92.8
3328	09/26/98	1800	17.27	8.63	93.6
3329	09/26/98	1900	17.25	8.63	93.7
3330	09/26/98	2000	17.25	8.64	93.7
3331	09/26/98	2100	17.30	8.64	93.7
3332	09/26/98	2200	17.33	8.62	93.6
3333	09/26/98	2300	17.38	8.64	93.9
3334	09/27/98	0	17.40	8.60	93.5
3335	09/27/98	100	17.42	8.58	93.3
3336	09/27/98	200	17.44	8.55	93.0
3337	09/27/98	300	17.45	8.67	93.3
3338	09/27/98	400	17.45	8.54	92.9
3339	09/27/98	500	17.45	8.53	92.8
3340	09/27/98	600	17.44	8.52	92.7
3341	09/27/98	700	17.42	8.50	92.5
3342	09/27/98	800	17.40	8.49	92.3
3343	09/27/98	900	17.40	8.44	91.8
3344	09/27/98	1000	17.40	8.44	91.8
3345	09/27/98	1100	17.60	8.66	93.2
3346	09/27/98	1200	17.57	8.45	92.2
3347	09/27/98	1300	17.66	8.43	91.1
3348	09/27/98	1400	17.71	8.43	92.2
3349	09/27/98	1500	17.78	8.44	92.4
3350	09/27/98	1600	17.90	8.47	93.0
3351	09/27/98	1700	17.93	8.64	95.0
3352	09/27/98	1800	17.96	8.62	94.7
3353	09/27/98	1900	17.90	8.68	94.3
3354	09/27/98	2000	17.86	8.56	94.0
3355	09/27/98	2100	17.81	8.55	93.8
3356	09/27/98	2200	17.78	8.54	93.6
3357	09/27/98	2300	17.72	8.50	93.0
3358	09/28/98	0	17.71	8.51	93.1
3359	09/28/98	100	17.67	8.51	93.1
3360	09/28/98	200	17.64	8.48	92.6
3361	09/28/98	300	17.62	8.48	92.7
3362	09/28/98	400	17.59	8.45	92.2
3363	09/28/98	500	17.55	8.44	92.0
3364	09/28/98	600	17.50	8.43	91.8
3365	09/28/98	700	17.47	8.41	91.6
3366	09/28/98	800	17.44	8.39	91.3
3367	09/28/98	900	17.42	8.42	91.5
3368	09/28/98	1000	17.44	8.39	91.3
3369	09/28/98	1100	17.44	8.41	91.5
3370	09/28/98	1200	17.45	8.44	91.8
3371	09/28/98	1300	17.45	8.44	91.8
3372	09/28/98	1400	17.47	8.38	91.2
3373	09/28/98	1500	17.45	8.40	91.6
3374	09/28/98	1600	17.49	8.29	90.3
3375	09/28/98	1700	17.45	8.24	89.6

WHITE RAPIDS TAILRACE 1998 DATA						
OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION	
3376	09/28/98	1800	17.49	8.28	90.2	
3377	09/28/98	1800	17.50	8.27	90.1	
3378	09/28/98	2000	17.54	8.27	90.2	
3379	09/28/98	2100	17.81	8.30	91.0	
3380	09/28/98	2200	17.83	8.31	91.1	
3381	09/28/98	2300	17.79	8.34	91.4	
3382	09/29/98	0	17.81	8.31	91.1	
3383	09/29/98	100	17.79	8.26	90.5	
3384	09/29/98	200	17.78	8.24	90.3	
3385	09/29/98	300	17.78	8.22	90.1	
3386	09/29/98	400	17.74	8.20	89.9	
3387	09/29/98	500	17.72	8.21	89.8	
3388	09/29/98	600	17.69	8.18	89.4	
3389	09/29/98	700	17.67	8.16	89.2	
3390	09/29/98	800	17.64	8.10	88.6	
3391	09/29/98	900	17.62	8.08	88.2	
3392	09/29/98	1000	17.61	8.08	88.2	
3393	09/29/98	1100	17.59	8.03	87.7	
3394	09/29/98	1200	17.59	8.04	87.8	
3395	09/29/98	1300	17.59	8.10	88.6	
3396	09/29/98	1400	17.93	8.24	90.5	
3397	09/29/98	1500	18.12	8.31	91.7	
3398	09/29/98	1600	18.27	8.37	92.6	
3399	09/29/98	1700	18.36	8.45	93.7	
3400	09/29/98	1800	18.29	8.58	95.0	
3401	09/29/98	1900	18.22	8.59	95.0	
3402	09/29/98	2000	18.19	8.58	94.8	
3403	09/29/98	2100	18.10	8.55	94.3	
3404	09/29/98	2200	18.01	8.48	93.4	
3405	09/30/98	2300	17.96	8.30	91.3	
3406	09/30/98	0	17.91	8.27	90.9	
3407	09/30/98	100	17.88	8.25	90.7	
3408	09/30/98	200	17.84	8.27	90.7	
3409	09/30/98	300	17.81	8.26	90.4	
3410	09/30/98	400	17.76	8.24	90.2	
3411	09/30/98	500	17.74	8.23	90.1	
3412	09/30/98	600	17.71	8.21	89.8	
3413	09/30/98	700	17.67	8.20	89.7	
3414	09/30/98	800	17.64	8.19	89.5	
3415	09/30/98	900	17.64	8.19	89.5	
3416	09/30/98	1000	17.62	8.22	89.7	
3417	09/30/98	1100	17.61	8.24	90.0	
3418	09/30/98	1200	17.59	8.23	89.9	
3419	09/30/98	1300	17.57	8.22	89.7	
3420	09/30/98	1400	17.62	8.23	89.7	
3421	09/30/98	1500	17.45	8.25	90.0	
3422	09/30/98	1600	17.44	8.35	90.8	
3423	09/30/98	1700	17.40	8.35	90.7	
3424	09/30/98	1800	17.37	8.50	92.4	
3425	09/30/98	1900	17.28	8.45	91.6	
3426	09/30/98	2000	17.18	8.45	91.5	
3427	09/30/98	2100	17.11	8.44	91.2	
3428	09/30/98	2200	17.03	8.41	90.7	
3429	09/30/98	2300	16.96	8.41	90.6	

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CHALK HILL/WHITE RAPIDS HWY 2 STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
1	05/01/98	0	14.44	10.11	99.7
2	05/01/98	100	14.39	9.92	97.7
3	05/01/98	200	14.26	9.72	95.4
4	05/01/98	300	14.10	9.58	93.7
5	05/01/98	400	13.88	9.37	91.2
6	05/01/98	500	13.70	9.25	89.7
7	05/01/98	600	13.50	9.13	88.1
8	05/01/98	700	13.33	9.01	86.7
9	05/01/98	800	13.22	9.14	87.7
10	05/01/98	900	13.27	9.45	90.8
11	05/01/98	1000	13.45	9.81	94.6
12	05/01/98	1100	13.71	10.14	98.3
13	05/01/98	1200	14.13	10.53	103.1
14	05/01/98	1300	14.46	10.61	104.6
15	05/01/98	1400	14.71	10.72	106.2
16	05/01/98	1500	14.91	10.90	108.5
17	05/01/98	1600	14.93	10.77	107.3
18	05/01/98	1700	14.84	10.66	106.0
19	05/01/98	1800	14.76	10.40	103.2
20	05/01/98	1900	14.69	10.21	101.2
21	05/01/98	2000	14.63	10.04	99.4
22	05/01/98	2100	14.58	9.87	97.6
23	05/01/98	2200	14.54	9.79	96.7
24	05/01/98	2300	14.53	9.79	96.7
25	05/02/98	0	14.49	9.64	95.2
26	05/02/98	100	14.46	9.59	94.6
27	05/02/98	200	14.41	9.48	93.3
28	05/02/98	300	14.33	9.40	92.8
29	05/02/98	400	14.23	9.24	90.6
30	05/02/98	500	14.14	9.11	88.3
31	05/02/98	600	14.03	9.04	88.3
32	05/02/98	700	13.91	8.92	86.9
33	05/02/98	800	13.81	8.79	85.5
34	05/02/98	900	13.76	8.89	86.4
35	05/02/98	1000	13.60	9.32	90.7
36	05/02/98	1100	14.03	9.63	94.1
37	05/02/98	1200	14.11	9.75	95.5
38	05/02/98	1300	14.59	10.03	99.2
39	05/02/98	1400	14.81	10.23	101.7
40	05/02/98	1500	14.93	10.29	102.5
41	05/02/98	1600	15.08	10.40	103.9
42	05/02/98	1700	14.93	10.11	100.7
43	05/02/98	1800	14.81	9.73	96.6
44	05/02/98	1900	14.73	9.61	95.3
45	05/02/98	2000	14.68	9.55	94.6
46	05/02/98	2100	14.61	9.52	94.2
47	05/02/98	2200	14.53	9.43	93.1
48	05/02/98	2300	14.46	9.35	92.2
49	05/03/98	0	14.43	9.29	91.5
50	05/03/98	100	14.39	9.19	90.5
51	05/03/98	200	14.36	9.05	89.0
52	05/03/98	300	14.28	9.04	88.8
53	05/03/98	400	14.21	9.00	88.2
54	05/03/98	500	14.10	8.86	86.6
55	05/03/98	600	14.00	8.76	85.5
56	05/03/98	700	13.88	8.70	84.7
57	05/03/98	800	13.86	8.81	85.8
58	05/03/98	900	13.88	9.17	89.3
59	05/03/98	1000	14.00	9.42	92.0
60	05/03/98	1100	14.48	9.91	97.7
61	05/03/98	1200	15.03	10.28	102.6
62	05/03/98	1300	15.53	10.51	106.0
63	05/03/98	1400	15.45	10.33	104.1
64	05/03/98	1500	15.36	10.31	103.7
65	05/03/98	1600	15.60	10.56	106.3
66	05/03/98	1700	15.76	10.48	105.7
67	05/03/98	1800	15.80	10.42	105.7
68	05/03/98	1900	15.71	10.25	103.8
69	05/03/98	2000	15.55	9.82	100.2
70	05/03/98	2100	15.40	9.69	97.5
71	05/03/98	2200	15.35	9.61	96.6
72	05/03/98	2300	15.26	9.48	95.1
73	05/04/98	0	15.19	9.50	95.2
74	05/04/98	100	15.06	9.30	92.9
75	05/04/98	200	14.89	9.19	91.5

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
76	05/04/98	300	14.73	9.16		90.8
77	05/04/98	400	14.61	9.05		89.5
78	05/04/98	500	14.49	8.90		87.8
79	05/04/98	600	14.28	8.85		86.9
80	05/04/98	700	14.11	8.75		86.0
81	05/04/98	800	14.01	8.89		86.8
82	05/04/98	900	14.14	9.13		89.4
83	05/04/98	1000	14.51	9.55		94.3
84	05/04/98	1100	14.94	9.89		98.5
85	05/04/98	1200	15.43	10.15		102.2
86	05/04/98	1300	16.05	10.37		105.8
87	05/04/98	1400	16.52	10.44		107.6
88	05/04/98	1500	16.74	10.43		108.0
89	05/04/98	1600	16.72	10.32		106.8
90	05/04/98	1700	16.74	10.34		107.0
91	05/04/98	1800	16.79	10.33		107.1
92	05/04/98	1900	16.74	10.18		105.4
93	05/04/98	2000	16.52	9.84		101.5
94	05/04/98	2100	16.29	9.44		96.8
95	05/04/98	2200	16.17	9.30		95.2
96	05/04/98	2300	16.05	9.21		94.0
97	05/05/98	0	16.08	9.11		93.0
98	05/05/98	100	16.02	9.01		91.9
99	05/05/98	200	15.98	8.85		90.2
100	05/05/98	300	15.97	8.77		89.3
101	05/05/98	400	16.88	8.58		87.3
102	05/05/98	500	15.78	8.47		85.9
103	05/05/98	600	15.63	8.32		84.1
104	05/05/98	700	15.45	8.29		83.5
105	05/05/98	800	15.23	8.40		84.3
106	05/05/98	900	15.13	8.57		85.8
107	05/05/98	1000	15.33	8.98		89.3
108	05/05/98	1100	15.81	9.40		95.4
109	05/05/98	1200	16.44	9.85		101.3
110	05/05/98	1300	17.15	10.13		105.8
111	05/05/98	1400	17.62	10.24		108.0
112	05/05/98	1500	18.08	10.43		111.0
113	05/05/98	1600	18.27	10.52		112.4
114	05/05/98	1700	18.43	10.42		111.7
115	05/05/98	1800	18.35	10.27		109.9
116	05/05/98	1900	18.15	9.93		105.8
117	05/05/98	2000	17.84	9.58		101.5
118	05/05/98	2100	17.55	9.24		97.3
119	05/05/98	2200	17.37	9.21		96.6
120	05/05/98	2300	17.13	9.01		94.1
121	05/06/98	0	16.96	8.96		93.2
122	05/06/98	100	16.83	8.95		92.8
123	05/06/98	200	16.64	8.84		91.3
124	05/06/98	300	16.50	8.74		90.0
125	05/06/98	400	16.34	8.57		87.9
126	05/06/98	500	16.12	8.55		87.4
127	05/06/98	600	15.83	8.41		85.4
128	05/06/98	700	15.55	8.31		83.9
129	05/06/98	800	15.41	8.41		84.7
130	05/06/98	900	15.41	8.59		86.5
131	05/06/98	1000	15.73	9.13		92.5
132	05/06/98	1100	16.32	9.60		98.5
133	05/06/98	1200	16.94	10.05		104.5
134	05/06/98	1300	17.58	10.38		109.3
135	05/06/98	1400	18.08	10.51		111.9
136	05/06/98	1500	18.48	10.61		113.9
137	05/06/98	1600	18.80	10.73		115.9
138	05/06/98	1700	18.91	10.71		115.9
139	05/06/98	1800	18.82	10.53		113.8
140	05/06/98	1900	18.63	10.20		109.8
141	05/06/98	2000	18.36	9.83		105.3
142	05/06/98	2100	18.08	9.43		100.4
143	05/06/98	2200	17.84	9.12		96.6
144	05/06/98	2300	17.71	9.02		95.2
145	05/07/98	0	17.49	8.92		94.8
146	05/07/98	100	17.45	8.94		93.9
147	05/07/98	200	17.35	8.71		91.3
148	05/07/98	300	17.23	8.54		89.3
149	05/07/98	400	17.10	8.42		87.8
150	05/07/98	500	16.96	8.27		86.0

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
151	05/07/98	600	16.69	8.22		85.0
152	05/07/98	700	16.47	8.08		83.2
153	05/07/98	800	16.30	8.31		85.2
154	05/07/98	900	16.30	8.48		87.0
155	05/07/98	1000	16.55	9.01		92.9
156	05/07/98	1100	16.89	9.45		98.2
157	05/07/98	1200	17.45	10.11		106.2
158	05/07/98	1300	17.86	10.45		110.7
159	05/07/98	1400	18.22	10.61		113.3
160	05/07/98	1500	18.44	10.72		114.9
161	05/07/98	1600	18.51	10.78		115.8
162	05/07/98	1700	18.48	10.62		114.0
163	05/07/98	1800	18.39	10.46		112.1
164	05/07/98	1900	18.12	10.00		106.5
165	05/07/98	2000	17.79	9.60		101.6
166	05/07/98	2100	17.54	9.34		98.3
167	05/07/98	2200	17.38	9.11		95.6
168	05/07/98	2300	17.27	9.02		94.8
169	05/08/98	0	17.18	9.02		94.3
170	05/08/98	100	17.10	8.74		91.2
171	05/08/98	200	16.94	8.74		90.4
172	05/08/98	300	16.79	8.69		87.3
173	05/08/98	400	16.62	8.42		85.6
174	05/08/98	500	16.45	8.29		84.2
175	05/08/98	600	16.20	8.18		82.6
176	05/08/98	700	16.93	8.07		82.6
177	05/08/98	800	15.75	8.11		82.9
178	05/08/98	900	15.70	8.20		83.7
179	05/08/98	1000	15.86	8.56		86.7
180	05/08/98	1100	16.34	9.08		92.3
181	05/08/98	1200	16.93	9.96		98.1
182	05/08/98	1300	17.59	10.32		103.5
183	05/08/98	1400	18.12	10.64		108.8
184	05/08/98	1500	18.56	11.05		113.4
185	05/08/98	1600	18.75	11.84		118.8
186	05/08/98	1700	18.84	11.00		118.0
187	05/08/98	1800	18.72	11.00		118.9
188	05/08/98	1900	18.46	10.81		116.5
189	05/08/98	2000	18.07	10.41		111.7
190	05/08/98	2100	17.76	9.95		105.9
191	05/08/98	2200	17.54	9.64		102.0
192	05/08/98	2300	17.42	9.36		98.5
193	05/09/98	0	17.28	9.18		96.4
194	05/09/98	100	17.10	9.15		95.9
195	05/09/98	200	16.91	8.94		91.3
196	05/09/98	300	16.74	8.72		90.6
197	05/09/98	400	16.54	8.46		88.9
198	05/09/98	500	16.32	8.31		87.2
199	05/09/98	600	16.03	8.23		85.2
200	05/09/98	700	15.83	8.21		83.9
201	05/09/98	800	15.66	8.42		83.4
202	05/09/98	900	15.63	8.42		85.2
203	05/09/98	1000	15.83	8.72		88.2
204	05/09/98	1100	16.25	9.26		94.1
205	05/09/98	1200	16.79	9.83		100.8
206	05/09/98	1300	17.42	10.35		107.3
207	05/09/98	1400	17.98	10.74		112.8
208	05/09/98	1500	18.46	11.02		117.0
209	05/09/98	1600	18.65	11.17		119.8
210	05/09/98	1700	18.58	11.31		121.8
211	05/09/98	1800	18.48	11.12		119.8
212	05/09/98	1900	18.25	10.97		117.8
213	05/09/98	2000	17.90	10.47		111.9
214	05/09/98	2100	17.64	10.07		106.7
215	05/09/98	2200	17.44	9.55		100.8
216	05/09/98	2300	17.27	9.34		98.1
217	05/10/98	0	17.06	9.17		96.0
218	05/10/98	100	16.81	9.08		94.6
219	05/10/98	200	16.62	8.99		93.2
220	05/10/98	300	16.39	8.71		89.9
221	05/10/98	400	16.13	8.62		88.6
222	05/10/98	500	15.93	8.50		86.9
223	05/10/98	600	15.68	8.34		84.8
224	05/10/98	700	15.46	8.18		82.8
225	05/10/98	800	15.30	8.26		82.2
				8.40		84.3

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
225	05/10/98	900	15.24	8.65	86.8	86.8
227	05/10/98	1000	15.43	9.04	91.0	91.0
228	05/10/98	1100	15.61	9.48	95.8	95.8
229	05/10/98	1200	16.00	9.92	101.1	101.1
230	05/10/98	1300	16.77	10.28	106.5	106.5
231	05/10/98	1400	17.52	10.83	114.0	114.0
232	05/10/98	1500	18.19	10.79	115.1	115.1
233	05/10/98	1600	18.51	11.08	118.9	118.9
234	05/10/98	1700	18.75	10.87	117.3	117.3
235	05/10/98	1800	18.67	10.87	117.1	117.1
236	05/10/98	1900	18.53	10.34	111.0	111.0
237	05/10/98	2000	18.31	9.93	106.1	106.1
238	05/10/98	2100	18.07	9.44	100.4	100.4
239	05/10/98	2200	17.83	9.15	96.9	96.9
240	05/10/98	2300	17.59	9.11	96.0	96.0
241	05/11/98	0	17.38	9.00	94.4	94.4
242	05/11/98	100	17.25	8.91	93.3	93.3
243	05/11/98	200	17.08	8.76	91.3	91.3
244	05/11/98	300	16.96	8.49	88.3	88.3
245	05/11/98	400	16.72	8.39	86.8	86.8
246	05/11/98	500	16.59	8.17	84.3	84.3
247	05/11/98	600	16.32	8.06	82.7	82.7
248	05/11/98	700	16.15	8.01	81.9	81.9
249	05/11/98	800	16.00	8.21	83.7	83.7
250	05/11/98	900	16.10	8.49	86.7	86.7
251	05/11/98	1000	16.40	8.87	91.2	91.2
252	05/11/98	1100	16.93	9.40	97.7	97.7
253	05/11/98	1200	17.54	9.74	102.5	102.5
254	05/11/98	1300	18.10	10.08	107.4	107.4
255	05/11/98	1400	18.58	10.27	110.4	110.4
256	05/11/98	1500	18.97	10.58	114.7	114.7
257	05/11/98	1600	19.30	10.82	118.1	118.1
258	05/11/98	1700	19.53	10.77	118.0	118.0
259	05/11/98	1800	19.51	10.62	116.4	116.4
260	05/11/98	1900	19.25	10.22	111.5	111.5
261	05/11/98	2000	18.94	9.62	104.2	104.2
262	05/11/98	2100	18.65	9.28	99.9	99.9
263	05/11/98	2200	18.45	8.96	96.1	96.1
264	05/11/98	2300	18.28	8.77	93.7	93.7
265	05/12/98	0	18.10	8.76	93.3	93.3
266	05/12/98	100	17.91	8.76	91.3	91.3
267	05/12/98	200	17.74	8.42	89.0	89.0
268	05/12/98	300	17.59	8.32	87.6	87.6
269	05/12/98	400	17.47	8.01	84.2	84.2
270	05/12/98	500	17.28	7.89	82.6	82.6
271	05/12/98	600	17.11	7.80	81.4	81.4
272	05/12/98	700	16.99	7.80	81.2	81.2
273	05/12/98	800	16.93	7.99	83.1	83.1
274	05/12/98	900	16.96	8.14	84.7	84.7
275	05/12/98	1000	17.23	8.57	89.7	89.7
276	05/12/98	1100	17.62	8.90	93.9	93.9
277	05/12/98	1200	18.08	9.10	96.9	96.9
278	05/12/98	1300	18.48	9.30	99.8	99.8
279	05/12/98	1400	18.94	9.50	102.9	102.9
280	05/12/98	1500	19.27	9.65	105.2	105.2
281	05/12/98	1600	19.22	9.67	105.4	105.4
282	05/12/98	1700	19.16	9.62	104.7	104.7
283	05/12/98	1800	19.20	9.69	105.5	105.5
284	05/12/98	1900	19.03	9.25	100.3	100.3
285	05/12/98	2000	18.82	8.77	94.8	94.8
286	05/12/98	2100	18.63	8.45	90.9	90.9
287	05/12/98	2200	18.46	8.23	88.3	88.3
288	05/12/98	2300	18.31	8.04	85.9	85.9
289	05/13/98	0	18.22	7.94	84.7	84.7
290	05/13/98	100	18.13	7.87	83.8	83.8
291	05/13/98	200	18.10	7.70	82.0	82.0
292	05/13/98	300	18.07	7.58	80.6	80.6
293	05/13/98	400	18.05	7.41	78.8	78.8
294	05/13/98	500	17.95	7.35	78.0	78.0
295	05/13/98	600	17.78	7.19	76.0	76.0
296	05/13/98	700	17.59	7.26	76.5	76.5
297	05/13/98	800	17.57	7.48	78.8	78.8
298	05/13/98	900	17.69	7.63	80.5	80.5
299	05/13/98	1000	17.99	7.99	84.9	84.9
300	05/13/98	1100	18.24	8.14	86.9	86.9

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
301	05/13/98	1200	18.36	8.10	86.7
302	05/13/98	1300	18.49	8.29	89.0
303	05/13/98	1400	18.85	8.53	92.3
304	05/13/98	1500	19.48	8.71	95.4
305	05/13/98	1600	19.84	8.74	96.4
306	05/13/98	1700	20.07	8.78	97.3
307	05/13/98	1800	19.97	8.57	94.8
308	05/13/98	1900	19.70	8.53	93.9
309	05/13/98	2000	19.35	8.16	89.1
310	05/13/98	2100	19.08	7.91	86.0
311	05/13/98	2200	18.89	7.79	84.3
312	05/13/98	2300	18.72	7.71	83.1
313	05/14/98	0	18.60	7.74	83.4
315	05/14/98	100	18.41	7.66	82.1
316	05/14/98	200	18.25	7.56	80.7
317	05/14/98	300	18.10	7.47	79.6
318	05/14/98	400	18.00	7.38	78.5
319	05/14/98	500	17.83	7.25	76.8
320	05/14/98	600	17.67	7.17	75.6
321	05/14/98	700	17.47	7.29	76.6
322	05/14/98	800	17.45	7.31	76.8
323	05/14/98	900	17.64	7.57	79.9
324	05/14/98	1000	18.08	7.82	83.3
325	05/14/98	1100	18.72	8.03	86.6
326	05/14/98	1200	19.35	8.33	91.0
327	05/14/98	1300	19.93	8.43	93.1
328	05/14/98	1400	20.39	9.54	108.2
329	05/14/98	1500	20.79	9.63	110.0
330	05/14/98	1600	20.97	9.67	110.8
331	05/14/98	1700	21.15	9.61	110.6
332	05/14/98	1800	21.00	9.44	108.2
333	05/14/98	1900	20.78	9.27	105.8
334	05/14/98	2000	20.44	9.01	102.2
335	05/14/98	2100	20.20	8.69	98.1
336	05/14/98	2200	20.04	8.64	96.1
337	05/15/98	2300	19.90	8.43	94.7
338	05/15/98	0	19.76	8.37	93.7
339	05/15/98	100	19.61	8.28	92.4
340	05/15/98	200	19.49	8.25	91.9
341	05/15/98	300	19.38	8.13	90.3
342	05/15/98	400	19.24	8.05	89.2
343	05/15/98	500	19.07	7.90	87.2
344	05/15/98	600	18.88	7.82	86.0
345	05/15/98	700	18.80	7.86	86.3
346	05/15/98	800	18.78	7.86	87.3
347	05/15/98	900	18.90	7.95	87.3
348	05/15/98	1000	19.23	8.15	90.1
349	05/15/98	1100	19.64	8.67	93.7
350	05/15/98	1200	19.64	8.67	96.8
351	05/15/98	1300	20.04	8.82	99.3
352	05/15/98	1400	21.02	9.91	101.2
353	05/15/98	1500	21.36	9.04	104.4
354	05/15/98	1600	21.43	8.88	103.5
355	05/15/98	1700	21.45	8.80	103.5
356	05/15/98	1800	21.29	8.50	103.0
357	05/15/98	1900	21.20	8.53	100.7
358	05/15/98	2000	21.06	8.53	98.2
359	05/15/98	2100	20.90	8.27	95.0
360	05/15/98	2200	20.78	8.01	91.7
361	05/15/98	2300	20.67	7.82	88.3
362	05/16/98	0	20.62	7.74	88.2
363	05/16/98	100	20.58	7.64	86.9
364	05/16/98	200	20.53	7.60	86.4
365	05/16/98	300	20.43	7.49	85.1
366	05/16/98	400	20.29	7.39	83.8
367	05/16/98	500	20.27	7.27	82.3
368	05/16/98	600	20.08	7.16	80.6
369	05/16/98	700	19.85	7.10	79.6
370	05/16/98	800	19.71	7.07	79.0
371	05/16/98	900	19.57	7.02	78.3
372	05/16/98	1000	19.47	7.17	79.8
373	05/16/98	1100	19.48	7.37	82.1
374	05/16/98	1200	19.89	7.76	87.1
375	05/16/98	1300	20.23	8.00	90.4
375	05/16/98	1400	21.02	8.31	95.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
376	05/16/98	1500	21.34	8.41	97.1	97.1
377	05/16/98	1600	21.41	8.44	97.5	97.5
378	05/16/98	1700	21.39	8.34	96.4	96.4
379	05/16/98	1800	21.27	8.26	95.2	95.2
380	05/16/98	1900	20.99	8.11	93.0	93.0
381	05/16/98	2000	20.60	7.79	88.6	88.6
382	05/16/98	2100	20.27	7.61	86.0	86.0
383	05/16/98	2200	20.11	7.47	84.2	84.2
384	05/16/98	2300	20.02	7.42	83.4	83.4
385	05/17/98	0	19.85	7.38	82.8	82.8
386	05/17/98	100	19.69	7.47	83.5	83.5
387	05/17/98	200	19.54	7.42	82.7	82.7
388	05/17/98	300	19.31	7.41	82.2	82.2
389	05/17/98	400	19.11	7.35	81.2	81.2
390	05/17/98	500	18.92	7.37	81.1	81.1
391	05/17/98	600	18.73	7.22	79.2	79.2
392	05/17/98	700	18.59	7.28	79.5	79.5
393	05/17/98	800	18.56	7.28	79.6	79.6
394	05/17/98	900	18.68	7.61	82.2	82.2
395	05/17/98	1000	19.08	7.85	86.6	86.6
396	05/17/98	1100	19.78	8.23	92.1	92.1
397	05/17/98	1200	20.02	8.37	94.2	94.2
398	05/17/98	1300	20.11	8.40	94.7	94.7
399	05/17/98	1400	20.20	8.48	95.8	95.8
400	05/17/98	1500	20.72	8.67	98.9	98.9
401	05/17/98	1600	20.95	8.65	99.1	99.1
402	05/17/98	1700	20.99	8.47	97.2	97.2
403	05/17/98	1800	21.06	8.44	96.9	96.9
404	05/17/98	1900	20.92	8.27	94.7	94.7
405	05/17/98	2000	20.74	8.04	91.7	91.7
406	05/17/98	2100	20.58	7.73	88.0	88.0
407	05/17/98	2200	20.45	7.59	85.1	85.1
408	05/17/98	2300	20.30	7.43	84.0	84.0
409	05/18/98	0	20.20	7.53	85.0	85.0
410	05/18/98	100	20.18	7.43	83.7	83.7
411	05/18/98	200	20.02	7.36	82.7	82.7
412	05/18/98	300	19.80	7.31	82.1	82.1
413	05/18/98	400	19.76	7.23	80.9	80.9
414	05/18/98	500	19.57	7.21	80.4	80.4
415	05/18/98	600	19.40	7.16	79.6	79.6
416	05/18/98	700	19.28	7.23	80.1	80.1
417	05/18/98	800	19.19	7.41	82.0	82.0
418	05/18/98	900	19.28	7.66	83.8	83.8
419	05/18/98	1000	19.61	7.88	87.9	87.9
420	05/18/98	1100	20.15	8.27	93.2	93.2
421	05/18/98	1200	20.78	8.43	95.3	95.3
422	05/18/98	1300	21.41	8.62	99.7	99.7
423	05/18/98	1400	21.73	8.58	99.8	99.8
424	05/18/98	1500	21.91	8.65	100.9	100.9
425	05/18/98	1600	22.03	8.65	101.2	101.2
426	05/18/98	1700	22.16	8.52	99.9	99.9
427	05/18/98	1800	22.30	8.43	99.2	99.2
428	05/18/98	1900	22.26	8.18	95.2	95.2
429	05/18/98	2000	22.07	8.03	94.0	94.0
430	05/18/98	2100	21.56	7.89	92.2	92.2
431	05/18/98	2200	21.87	7.75	90.4	90.4
432	05/18/98	2300	21.82	7.70	89.7	89.7
433	05/19/98	0	21.75	7.57	88.1	88.1
434	05/19/98	100	21.62	7.48	86.9	86.9
435	05/19/98	200	21.48	7.38	85.4	85.4
436	05/19/98	300	21.34	7.35	84.8	84.8
437	05/19/98	400	21.16	7.26	83.6	83.6
438	05/19/98	500	20.95	7.16	82.0	82.0
439	05/19/98	600	20.67	7.03	80.1	80.1
440	05/19/98	700	20.48	7.07	80.2	80.2
441	05/19/98	800	20.34	7.07	80.1	80.1
442	05/19/98	900	20.34	7.29	82.5	82.5
443	05/19/98	1000	20.62	7.64	85.9	85.9
444	05/19/98	1100	21.20	8.06	92.8	92.8
445	05/19/98	1200	21.89	8.37	97.7	97.7
446	05/19/98	1300	22.46	8.60	101.5	101.5
447	05/19/98	1400	22.94	8.86	105.5	105.5
448	05/19/98	1500	23.32	8.95	107.4	107.4
449	05/19/98	1600	23.51	8.87	106.8	106.8
450	05/19/98	1700	23.61	8.62	103.9	103.9

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
451	05/19/98	1800	23.49	8.45	101.6	98.2
452	05/19/98	1900	23.32	8.19	94.9	91.7
453	05/19/98	2000	23.13	7.94	90.6	89.3
454	05/19/98	2100	22.96	7.64	88.4	86.8
455	05/19/98	2200	22.76	7.56	85.6	83.8
456	05/19/98	2300	22.57	7.51	82.9	79.6
457	05/20/98	0	22.33	7.40	78.1	76.7
458	05/20/98	100	22.12	7.34	76.7	76.7
459	05/20/98	200	21.85	7.23	79.4	79.4
460	05/20/98	300	21.52	7.21	85.3	85.3
461	05/20/98	400	21.18	6.96	91.6	91.6
462	05/20/98	500	20.81	6.96	96.7	96.7
463	05/20/98	600	20.48	6.97	100.9	100.9
464	05/20/98	700	20.18	6.80	103.4	103.4
465	05/20/98	800	19.96	6.83	105.1	105.1
466	05/20/98	900	19.89	6.83	106.0	106.0
467	05/20/98	1000	20.15	7.56	104.9	104.9
468	05/20/98	1100	20.60	8.04	102.2	102.2
469	05/20/98	1200	21.16	8.40	98.7	98.7
470	05/20/98	1300	21.69	8.68	93.4	93.4
471	05/20/98	1400	21.98	8.85	88.3	88.3
472	05/20/98	1500	22.16	8.95	85.4	85.4
473	05/20/98	1600	22.25	9.02	84.6	84.6
474	05/20/98	1700	22.35	8.91	83.4	83.4
475	05/20/98	1800	22.32	8.69	80.9	80.9
476	05/20/98	1900	22.08	8.43	79.4	79.4
477	05/20/98	2000	21.80	8.02	77.9	77.9
478	05/20/98	2100	21.57	7.62	77.6	77.6
479	05/20/98	2200	21.38	7.48	76.7	76.7
480	05/20/98	2300	21.22	7.34	75.9	75.9
481	05/21/98	0	21.04	7.26	75.5	75.5
482	05/21/98	100	20.90	7.29	80.6	80.6
483	05/21/98	200	20.76	7.08	85.7	85.7
484	05/21/98	300	20.58	6.98	91.9	91.9
485	05/21/98	400	20.34	7.00	97.8	97.8
486	05/21/98	500	20.02	6.93	101.8	101.8
487	05/21/98	600	19.75	6.89	102.8	102.8
488	05/21/98	700	19.47	6.89	105.8	105.8
489	05/21/98	800	19.19	7.10	106.5	106.5
490	05/21/98	900	19.15	7.29	101.9	101.9
491	05/21/98	1000	19.42	7.71	100.6	100.6
492	05/21/98	1100	19.96	8.18	96.2	96.2
493	05/21/98	1200	20.62	8.59	87.2	87.2
494	05/21/98	1300	21.16	8.84	85.4	85.4
495	05/21/98	1400	21.63	8.88	82.0	82.0
496	05/21/98	1500	21.87	9.15	83.8	83.8
497	05/21/98	1600	22.19	8.98	80.7	80.7
498	05/21/98	1700	22.17	8.69	77.9	77.9
499	05/21/98	1800	22.03	8.60	75.9	75.9
500	05/21/98	1900	21.75	8.27	77.4	77.4
501	05/21/98	2000	21.38	7.88	81.1	81.1
502	05/21/98	2100	21.06	7.59	86.3	86.3
503	05/21/98	2200	20.81	7.45	83.3	83.3
504	05/21/98	2300	20.51	7.34	97.9	97.9
505	05/22/98	0	20.23	7.26	101.5	101.5
506	05/22/98	100	19.97	7.46	105.1	105.1
507	05/22/98	200	19.69	7.30	107.6	107.6
508	05/22/98	300	19.43	7.26	105.0	105.0
509	05/22/98	400	19.19	7.18	101.0	101.0
510	05/22/98	500	18.92	7.08	98.0	98.0
511	05/22/98	600	18.62	7.03	96.0	96.0
512	05/22/98	700	18.32	7.12	94.4	94.4
513	05/22/98	800	18.20	7.18	95.2	95.2
514	05/22/98	900	18.20	7.48	108.7	108.7
515	05/22/98	1000	18.52	7.91	105.0	105.0
516	05/22/98	1100	19.11	8.45	101.0	101.0
517	05/22/98	1200	19.71	8.75	98.0	98.0
518	05/22/98	1300	20.15	9.00	95.1	95.1
519	05/22/98	1400	20.53	9.25	107.6	107.6
520	05/22/98	1500	20.69	9.44	105.0	105.0
521	05/22/98	1600	20.81	9.52	101.0	101.0
522	05/22/98	1700	20.69	8.87	98.0	98.0
523	05/22/98	1800	20.60	8.46	96.0	96.0
524	05/22/98	1900	20.44	8.46	90.9	90.9
525	05/22/98	2000	20.20	8.05	85.4	85.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
526	05/22/98	2100	19.94	7.68	86.3	86.3
527	05/22/98	2200	19.75	7.55	84.8	84.8
528	05/22/98	2300	19.56	7.37	82.2	82.2
529	05/23/98	0	19.42	7.34	81.6	81.6
530	05/23/98	100	19.23	7.28	80.6	80.6
531	05/23/98	200	19.09	7.16	79.1	79.1
532	05/23/98	300	18.87	7.11	78.2	78.2
533	05/23/98	400	18.73	6.99	76.6	76.6
534	05/23/98	500	18.50	6.88	75.1	75.1
535	05/23/98	600	18.32	6.83	75.3	75.3
536	05/23/98	700	18.11	6.97	75.4	75.4
537	05/23/98	800	18.09	7.19	77.8	77.8
538	05/23/98	900	18.25	7.42	80.5	80.5
539	05/23/98	1000	18.62	7.78	85.1	85.1
540	05/23/98	1100	19.26	8.30	92.0	92.0
541	05/23/98	1200	19.90	8.45	94.8	94.8
542	05/23/98	1300	20.37	8.72	98.8	98.8
543	05/23/98	1400	20.97	9.44	108.3	108.3
544	05/23/98	1500	21.29	9.68	111.6	111.6
545	05/23/98	1600	21.43	9.33	106.8	106.8
546	05/23/98	1700	21.60	9.33	106.9	106.9
547	05/23/98	1800	21.38	8.77	101.4	101.4
548	05/23/98	1900	21.07	8.19	94.1	94.1
549	05/23/98	2000	20.60	7.66	87.2	87.2
550	05/23/98	2100	20.20	7.36	83.1	83.1
551	05/23/98	2200	19.90	7.04	79.0	79.0
552	05/23/98	2300	19.68	7.03	78.5	78.5
553	05/24/98	0	19.52	7.02	78.2	78.2
554	05/24/98	100	19.30	6.99	77.6	77.6
555	05/24/98	200	19.09	6.93	76.5	76.5
556	05/24/98	300	18.95	6.87	75.7	75.7
557	05/24/98	400	18.73	6.74	73.9	73.9
558	05/24/98	500	18.60	6.70	73.2	73.2
559	05/24/98	600	18.40	6.71	73.0	73.0
560	05/24/98	700	18.33	6.84	74.4	74.4
561	05/24/98	800	18.32	7.29	79.2	79.2
562	05/24/98	900	18.49	7.48	81.6	81.6
563	05/24/98	1000	18.85	7.95	87.4	87.4
564	05/24/98	1100	19.33	8.42	93.4	93.4
565	05/24/98	1200	19.52	8.61	96.0	96.0
566	05/24/98	1300	19.54	8.63	96.2	96.2
567	05/24/98	1400	19.45	8.62	95.9	95.9
568	05/24/98	1500	19.35	8.56	95.0	95.0
569	05/24/98	1600	19.23	8.51	94.2	94.2
570	05/24/98	1700	19.12	8.17	90.3	90.3
571	05/24/98	1800	19.00	8.07	89.0	89.0
572	05/24/98	1900	18.85	7.85	86.2	86.2
573	05/24/98	2000	18.68	7.57	82.9	82.9
574	05/24/98	2100	18.50	7.33	80.0	80.0
575	05/24/98	2200	18.40	7.16	78.0	78.0
576	05/24/98	2300	18.32	7.07	76.9	76.9
577	05/25/98	0	18.15	7.08	76.7	76.7
578	05/25/98	100	18.03	7.02	75.9	75.9
579	05/25/98	200	17.82	6.95	74.8	74.8
580	05/25/98	300	17.69	6.90	74.0	74.0
581	05/25/98	400	17.58	6.83	73.2	73.2
582	05/25/98	500	17.43	6.86	73.3	73.3
583	05/25/98	600	17.35	6.82	72.7	72.7
584	05/25/98	700	17.40	6.97	74.3	74.3
585	05/25/98	800	17.46	7.26	77.6	77.6
586	05/25/98	900	17.62	7.44	79.7	79.7
587	05/25/98	1000	18.01	7.65	82.7	82.7
588	05/25/98	1100	18.71	8.27	90.6	90.6
589	05/25/98	1200	19.49	8.65	95.7	95.7
590	05/25/98	1300	20.30	8.65	97.9	97.9
591	05/25/98	1400	20.97	8.92	102.3	102.3
592	05/25/98	1500	21.46	9.32	107.9	107.9
593	05/25/98	1600	21.73	8.73	101.5	101.5
594	05/25/98	1700	21.57	8.40	97.5	97.5
595	05/25/98	1800	21.66	9.22	107.2	107.2
596	05/25/98	1900	21.48	8.49	98.3	98.3
597	05/25/98	2000	21.15	7.62	87.7	87.7
598	05/25/98	2100	20.76	7.26	82.9	82.9
599	05/25/98	2200	20.43	6.86	77.8	77.8
600	05/25/98	2300	20.22	6.67	75.4	75.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
601	05/26/98	0	20.11	6.56		73.9
602	05/26/98	100	19.85	6.55		73.4
603	05/26/98	200	19.66	6.49		72.5
604	05/26/98	300	19.54	6.45		71.9
605	05/26/98	400	19.31	6.40		71.0
606	05/26/98	500	19.23	6.31		69.9
607	05/26/98	600	19.09	6.37		70.3
608	05/26/98	700	18.93	6.45		71.1
609	05/26/98	800	18.88	6.69		73.5
610	05/26/98	900	19.02	6.99		77.1
611	05/26/98	1000	19.43	7.47		83.0
612	05/26/98	1100	19.97	7.89		88.7
613	05/26/98	1200	20.67	8.31		94.7
614	05/26/98	1300	21.27	8.60		99.2
615	05/26/98	1400	21.66	8.82		102.5
616	05/26/98	1500	22.01	8.98		105.1
617	05/26/98	1600	22.21	9.24		108.5
618	05/26/98	1700	22.28	9.34		109.8
619	05/26/98	1800	22.17	9.14		107.2
620	05/26/98	1900	21.80	7.84		91.4
621	05/26/98	2000	21.32	7.43		85.8
622	05/26/98	2100	20.93	7.07		81.0
623	05/26/98	2200	20.64	6.79		77.3
624	05/26/98	2300	20.46	6.61		75.0
625	05/27/98	0	20.29	6.57		74.3
626	05/27/98	100	20.04	6.53		73.6
627	05/27/98	200	19.83	6.55		73.4
628	05/27/98	300	19.69	6.56		73.4
629	05/27/98	400	19.52	6.54		72.8
630	05/27/98	500	19.40	6.42		71.3
631	05/27/98	600	19.38	6.41		71.2
632	05/27/98	700	19.35	6.54		72.6
633	05/27/98	800	19.35	6.75		75.0
634	05/27/98	900	19.47	7.01		78.0
635	05/27/98	1000	19.85	7.38		82.8
636	05/27/98	1100	20.51	7.99		90.8
637	05/27/98	1200	21.20	8.75		95.0
638	05/27/98	1300	21.84	8.41		98.1
639	05/27/98	1400	22.21	8.62		101.3
640	05/27/98	1500	22.55	8.87		104.9
641	05/27/98	1600	22.60	8.30		98.2
642	05/27/98	1700	22.62	8.23		97.4
643	05/27/98	1800	22.66	9.11		107.8
644	05/27/98	1900	22.53	8.27		97.7
645	05/27/98	2000	22.26	7.35		86.5
646	05/27/98	2100	22.03	6.90		80.7
647	05/27/98	2200	21.82	6.53		76.2
648	05/27/98	2300	21.64	6.37		73.9
649	05/28/98	0	21.52	6.22		72.1
650	05/28/98	100	21.39	6.12		70.8
651	05/28/98	200	21.23	6.08		70.1
652	05/28/98	300	21.09	6.00		69.0
653	05/28/98	400	20.97	5.82		67.9
654	05/28/98	500	20.79	5.85		66.8
655	05/28/98	600	20.71	5.77		65.8
656	05/28/98	700	20.60	5.74		65.4
657	05/28/98	800	20.51	6.11		69.4
658	05/28/98	900	20.62	6.37		72.5
659	05/28/98	1000	20.90	6.80		77.9
660	05/28/98	1100	21.39	7.37		85.2
661	05/28/98	1200	21.95	7.80		91.2
662	05/28/98	1300	22.71	7.70		91.3
663	05/28/98	1400	23.22	8.06		96.5
664	05/28/98	1500	23.56	8.86		105.8
665	05/28/98	1600	23.82	8.88		105.5
666	05/28/98	1700	23.91	8.91		107.1
667	05/28/98	1800	23.78	8.79		105.4
668	05/28/98	1900	23.55	8.61		102.8
669	05/28/98	2000	23.11	8.12		96.1
670	05/28/98	2100	22.77	7.70		90.6
671	05/28/98	2200	22.50	7.42		86.8
672	05/28/98	2300	22.34	7.11		83.0
673	05/29/98	0	22.14	7.09		82.3
674	05/29/98	100	21.95	7.01		81.1
675	05/29/98	200	21.74	7.00		80.7

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
676	05/29/98	300	21.50	6.95	79.8	79.8
677	05/29/98	400	21.33	6.94	79.4	79.4
678	05/29/98	500	21.17	6.92	78.9	78.9
679	05/29/98	600	21.01	6.90	78.5	78.5
680	05/29/98	700	20.94	6.95	78.9	78.9
681	05/29/98	800	20.98	7.10	80.6	80.6
682	05/29/98	900	21.17	7.42	84.6	84.6
683	05/29/98	1000	21.52	7.70	88.4	88.4
684	05/29/98	1100	22.11	8.11	94.1	94.1
685	05/29/98	1200	22.68	8.47	99.4	99.4
686	05/29/98	1300	23.18	8.66	102.6	102.6
687	05/29/98	1400	23.66	8.82	105.4	105.4
688	05/29/98	1500	23.96	8.91	107.2	107.2
689	05/29/98	1600	24.15	8.98	108.4	108.4
690	05/29/98	1700	24.09	8.95	107.9	107.9
691	05/29/98	1800	23.93	8.79	105.6	105.6
692	05/29/98	1900	23.56	8.61	102.7	102.7
693	05/29/98	2000	22.97	8.17	96.4	96.4
694	05/29/98	2100	22.52	7.70	90.1	90.1
695	05/29/98	2200	22.11	7.32	85.0	85.0
696	05/29/98	2300	21.81	7.15	82.9	82.9
697	05/30/98	0	21.49	7.15	82.1	82.1
698	05/30/98	100	21.19	7.10	81.0	81.0
699	05/30/98	200	20.82	7.03	79.6	79.6
700	05/30/98	300	20.61	7.02	79.2	79.2
701	05/30/98	400	20.29	7.03	78.8	78.8
702	05/30/98	500	20.07	7.00	78.1	78.1
703	05/30/98	600	19.75	7.08	78.6	78.6
704	05/30/98	700	19.65	7.11	78.7	78.7
705	05/30/98	800	19.58	7.29	80.6	80.6
706	05/30/98	900	19.63	7.62	84.3	84.3
707	05/30/98	1000	19.69	7.88	87.3	87.3
708	05/30/98	1100	19.69	8.15	90.3	90.3
709	05/30/98	1200	19.56	8.22	90.8	90.8
710	05/30/98	1300	19.46	8.09	89.2	89.2
711	05/30/98	1400	19.29	8.15	89.6	89.6
712	05/30/98	1500	19.29	8.28	90.9	90.9
713	05/30/98	1600	19.11	8.21	89.8	89.8
714	05/30/98	1700	18.98	8.31	90.8	90.8
715	05/30/98	1800	18.81	8.20	89.2	89.2
716	05/30/98	1900	18.63	8.09	87.7	87.7
717	05/30/98	2000	18.53	7.88	85.2	85.2
718	05/30/98	2100	18.41	7.71	83.2	83.2
719	05/30/98	2200	18.33	7.57	81.6	81.6
720	05/30/98	2300	18.21	7.48	80.3	80.3
721	05/31/98	0	18.12	7.38	79.2	79.2
722	05/31/98	100	18.02	7.28	77.9	77.9
723	05/31/98	200	17.98	7.28	77.9	77.9
724	05/31/98	300	17.59	7.29	80.5	80.5
725	05/31/98	400	17.56	7.56	81.3	81.3
726	05/31/98	500	17.61	7.56	80.1	80.1
727	05/31/98	600	17.47	7.46	79.0	79.0
728	05/31/98	700	17.46	7.43	78.6	78.6
729	05/31/98	800	17.51	7.58	80.4	80.4
730	05/31/98	900	17.56	7.85	83.3	83.3
731	05/31/98	1000	17.68	8.17	86.8	86.8
732	05/31/98	1100	17.92	8.16	87.1	87.1
733	05/31/98	1200	18.17	8.45	90.7	90.7
734	05/31/98	1300	18.45	8.67	93.6	93.6
735	05/31/98	1400	18.82	8.79	95.6	95.6
736	05/31/98	1500	19.10	8.90	97.3	97.3
737	05/31/98	1600	19.34	8.95	98.4	98.4
738	05/31/98	1700	19.37	8.96	98.6	98.6
739	05/31/98	1800	19.43	8.90	98.1	98.1
740	05/31/98	1900	19.24	8.62	94.6	94.6
741	05/31/98	2000	18.87	8.34	90.8	90.8
742	05/31/98	2100	18.57	8.01	86.7	86.7
743	05/31/98	2200	18.31	7.91	85.1	85.1
744	05/31/98	2300	18.12	7.78	83.4	83.4
745	06/01/98	0	17.92	7.76	82.8	82.8
746	06/01/98	100	17.71	7.74	82.4	82.4
747	06/01/98	200	17.56	7.66	81.3	81.3
748	06/01/98	300	17.37	7.63	80.5	80.5
749	06/01/98	400	17.10	7.62	80.0	80.0
750	06/01/98	500	16.91	7.56	79.1	79.1

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
751	06/01/98	600	16.70	7.59		79.1
752	06/01/98	700	16.49	7.71		80.0
753	06/01/98	800	16.46	7.95		82.3
754	06/01/98	900	16.56	8.31		86.3
755	06/01/98	1000	16.75	8.55		89.2
756	06/01/98	1100	16.86	8.79		91.9
757	06/01/98	1200	17.22	9.18		96.7
758	06/01/98	1300	17.80	9.40		100.2
759	06/01/98	1400	18.36	9.52		102.7
760	06/01/98	1500	18.62	9.29		100.6
761	06/01/98	1600	18.58	9.22		99.8
762	06/01/98	1700	18.58	9.15		99.1
763	06/01/98	1800	18.55	9.15		99.0
764	06/01/98	1900	18.57	8.92		96.5
765	06/01/98	2000	18.51	8.63		93.3
766	06/01/98	2100	18.38	8.48		91.4
767	06/01/98	2200	18.36	8.36		90.1
768	06/01/98	2300	18.45	8.28		89.4
769	06/02/98	0	18.43	8.18		88.3
770	06/02/98	100	18.27	8.05		86.6
771	06/02/98	200	18.17	7.92		85.0
772	06/02/98	300	18.04	7.80		81.4
773	06/02/98	400	17.88	7.60		81.4
774	06/02/98	500	17.69	7.78		83.0
775	06/02/98	600	17.51	7.63		81.2
776	06/02/98	700	17.25	7.61		80.7
777	06/02/98	800	16.93	7.62		79.7
778	06/02/98	900	16.63	7.83		81.5
779	06/02/98	1000	16.48	8.10		83.9
780	06/02/98	1100	16.51	8.39		87.0
781	06/02/98	1200	16.59	8.59		89.3
782	06/02/98	1300	16.95	8.90		92.8
783	06/02/98	1400	16.95	9.02		94.4
784	06/02/98	1500	17.34	9.15		96.6
785	06/02/98	1600	17.97	9.60		102.6
786	06/02/98	1700	18.24	9.58		103.0
787	06/02/98	1800	18.00	9.07		97.1
788	06/02/98	1900	17.66	8.83		93.8
789	06/02/98	2000	17.61	8.88		92.1
790	06/02/98	2100	17.59	8.50		90.2
791	06/02/98	2200	17.61	8.42		89.3
792	06/02/98	2300	17.52	8.43		89.3
793	06/03/98	0	17.49	8.34		88.3
794	06/03/98	100	17.46	8.28		87.5
795	06/03/98	200	17.37	8.17		86.3
796	06/03/98	300	17.22	8.21		86.4
797	06/03/98	400	17.08	8.08		84.8
798	06/03/98	500	16.85	8.02		83.8
799	06/03/98	600	16.61	7.97		82.8
800	06/03/98	700	16.46	7.99		82.8
801	06/03/98	800	16.34	8.12		83.9
802	06/03/98	900	16.38	8.24		85.3
803	06/03/98	1000	16.63	8.62		89.6
804	06/03/98	1100	16.85	8.73		91.2
805	06/03/98	1200	17.07	9.03		94.8
806	06/03/98	1300	17.29	9.36		98.7
807	06/03/98	1400	17.54	9.51		100.8
808	06/03/98	1500	17.80	9.73		103.6
809	06/03/98	1600	17.98	10.17		108.7
810	06/03/98	1700	17.98	9.62		102.9
811	06/03/98	1800	17.88	9.25		98.0
812	06/03/98	1900	17.69	9.13		97.1
813	06/03/98	2000	17.64	8.92		94.7
814	06/03/98	2100	17.58	8.70		92.3
815	06/03/98	2200	17.49	8.63		91.4
816	06/03/98	2300	17.41	8.51		90.0
817	06/04/98	0	17.29	8.45		89.1
818	06/04/98	100	17.12	8.39		88.1
819	06/04/98	200	16.98	8.27		86.6
820	06/04/98	300	16.71	8.22		85.6
821	06/04/98	400	16.49	8.18		84.8
822	06/04/98	500	16.24	8.20		84.8
823	06/04/98	600	16.02	8.15		83.7
824	06/04/98	700	15.84	8.24		84.2
825	06/04/98	800	15.79	8.33		85.1

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO SATURATION
825	06/04/98	15.82	8.52	87.1
827	06/04/98	16.12	8.96	92.1
828	06/04/98	16.51	9.73	100.9
829	06/04/98	16.91	9.77	102.2
830	06/04/98	17.10	10.31	108.2
831	06/04/98	17.15	9.94	104.5
832	06/04/98	17.59	9.97	105.8
833	06/04/98	17.86	10.08	107.5
834	06/04/98	17.83	10.54	112.4
835	06/04/98	17.83	10.26	109.2
836	06/04/98	17.80	9.84	104.9
837	06/04/98	17.56	9.17	97.2
838	06/04/98	17.35	8.88	93.7
839	06/04/98	17.22	8.77	92.3
840	06/04/98	17.10	8.65	90.8
841	06/05/98	16.93	8.54	89.4
842	06/05/98	16.78	8.45	88.1
843	06/05/98	16.64	8.43	87.6
844	06/05/98	16.48	8.28	86.8
845	06/05/98	16.19	8.22	84.7
846	06/05/98	15.90	8.13	83.3
847	06/05/98	15.60	8.21	83.5
848	06/05/98	15.42	8.37	84.8
849	06/05/98	15.37	8.77	88.8
850	06/05/98	15.44	9.18	93.1
851	06/05/98	15.65	9.55	97.2
852	06/05/98	16.02	9.86	101.2
853	06/05/98	16.32	10.62	109.8
854	06/05/98	16.53	9.84	102.1
855	06/05/98	16.51	10.77	111.7
856	06/05/98	16.59	10.61	110.2
857	06/05/98	16.61	10.18	105.9
858	06/05/98	16.48	10.01	103.8
859	06/05/98	16.41	9.50	98.4
860	06/05/98	16.31	9.15	94.5
861	06/05/98	16.26	9.00	92.8
862	06/05/98	16.26	8.81	90.9
863	06/05/98	16.27	8.76	90.4
864	06/05/98	16.29	8.69	89.7
865	06/05/98	16.27	8.38	86.6
866	06/05/98	16.22	8.49	87.6
867	06/05/98	16.17	8.39	86.4
868	06/05/98	16.07	8.30	85.3
869	06/05/98	16.97	8.18	83.8
870	06/05/98	15.75	8.11	82.8
871	06/05/98	15.55	7.98	81.1
872	06/05/98	15.45	8.24	83.5
873	06/05/98	15.37	8.57	86.7
874	06/05/98	15.47	8.84	89.7
875	06/05/98	15.74	9.45	96.4
876	06/05/98	15.92	9.72	99.6
877	06/05/98	16.16	10.08	103.8
878	06/05/98	16.53	9.95	103.2
879	06/05/98	16.64	10.87	111.0
880	06/05/98	16.81	9.96	103.9
881	06/05/98	16.80	10.32	107.7
882	06/05/98	16.78	9.79	102.1
883	06/05/98	16.75	10.11	105.4
884	06/05/98	16.68	9.36	97.4
885	06/05/98	16.62	9.02	93.8
886	06/05/98	16.66	8.67	90.1
887	06/05/98	16.53	8.44	87.6
888	06/05/98	16.48	8.37	86.8
889	06/07/98	16.44	8.46	87.7
890	06/07/98	16.38	8.29	85.8
891	06/07/98	16.22	8.26	85.1
892	06/07/98	16.16	8.15	83.9
893	06/07/98	16.01	8.08	82.9
894	06/07/98	15.90	7.98	81.8
896	06/07/98	15.72	8.19	83.3
897	06/07/98	15.59	8.63	87.7
898	06/07/98	15.70	9.18	93.6
899	06/07/98	15.89	9.48	97.0
900	06/07/98	16.31	9.97	102.9

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
901	06/07/98	1200	16.53	9.83	102.0
902	06/07/98	1300	16.81	10.45	109.1
903	06/07/98	1400	16.90	10.60	110.9
904	06/07/98	1500	17.12	10.50	109.3
905	06/07/98	1600	17.25	10.42	109.8
906	06/07/98	1700	17.20	9.57	100.7
907	06/07/98	1800	17.15	9.93	104.4
908	06/07/98	1900	17.07	9.41	98.8
909	06/07/98	2000	16.90	9.03	94.5
910	06/07/98	2100	16.71	8.55	89.1
911	06/07/98	2200	16.58	8.33	86.6
912	06/07/98	2300	16.48	8.35	86.5
913	06/08/98	0	16.39	8.24	85.2
914	06/08/98	100	16.26	8.08	83.4
915	06/08/98	200	16.14	8.06	83.0
916	06/08/98	300	16.02	8.05	82.7
917	06/08/98	400	15.89	7.97	81.6
918	06/08/98	500	16.74	7.91	80.7
919	06/08/98	600	15.67	7.91	80.4
920	06/08/98	700	15.50	8.10	82.2
921	06/08/98	800	15.49	8.25	83.8
922	06/08/98	900	15.74	8.47	86.4
923	06/08/98	1000	16.16	8.89	91.5
924	06/08/98	1100	16.85	9.65	100.8
925	06/08/98	1200	17.20	10.74	113.0
926	06/08/98	1300	17.35	10.58	111.7
927	06/08/98	1400	17.83	10.02	106.8
928	06/08/98	1500	17.85	10.32	110.1
929	06/08/98	1600	18.22	11.80	126.8
930	06/08/98	1700	18.57	10.50	111.5
931	06/08/98	1800	18.46	11.50	124.3
932	06/08/98	1900	18.33	9.98	107.4
933	06/08/98	2000	18.04	9.04	96.8
934	06/08/98	2100	17.75	8.56	91.1
935	06/08/98	2200	17.66	8.34	88.4
936	06/08/98	2300	17.42	8.17	86.4
937	06/09/98	0	17.34	8.03	84.7
938	06/09/98	100	17.25	7.98	84.2
939	06/09/98	200	17.10	7.89	82.8
940	06/09/98	300	16.97	7.86	82.3
941	06/09/98	400	16.75	7.78	81.1
942	06/09/98	500	16.84	7.65	79.4
943	06/09/98	600	16.34	7.67	79.3
944	06/09/98	700	16.19	7.89	81.3
945	06/09/98	800	16.21	8.33	85.9
946	06/09/98	900	16.34	9.07	93.7
947	06/09/98	1000	16.56	9.42	97.9
948	06/09/98	1100	16.66	9.47	98.5
949	06/09/98	1200	16.66	9.47	98.5
950	06/09/98	1300	16.64	9.58	99.6
951	06/09/98	1400	16.66	9.67	100.6
952	06/09/98	1500	16.64	9.70	100.9
953	06/09/98	1600	16.70	9.74	101.5
954	06/09/98	1700	16.73	10.55	110.0
955	06/09/98	1800	16.80	9.56	99.7
956	06/09/98	1900	16.73	9.22	96.1
957	06/09/98	2000	16.64	8.96	93.2
958	06/09/98	2100	16.56	8.65	89.8
959	06/09/98	2200	16.53	8.57	89.0
960	06/09/98	2300	16.51	8.39	87.0
961	06/10/98	0	16.53	8.35	86.6
962	06/10/98	100	16.53	8.20	85.1
963	06/10/98	200	16.58	8.23	85.5
964	06/10/98	300	16.56	8.11	84.2
965	06/10/98	400	16.54	8.02	83.3
966	06/10/98	500	16.54	7.93	82.3
967	06/10/98	600	16.51	7.84	81.3
968	06/10/98	700	16.53	7.80	80.9
969	06/10/98	800	16.53	7.85	81.4
970	06/10/98	900	16.53	8.01	83.1
971	06/10/98	1000	16.58	8.36	86.8
972	06/10/98	1100	16.64	8.70	90.5
973	06/10/98	1200	16.68	8.78	91.4
974	06/10/98	1300	16.78	9.41	98.2
975	06/10/98	1400	16.98	9.53	99.8

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
976	05/10/98	1500	15.98	9.02	94.5	94.5
977	05/10/98	1600	16.30	8.93	93.4	93.4
978	05/10/98	1700	16.88	8.78	91.8	91.8
979	05/10/98	1800	16.86	8.58	89.7	89.7
980	05/10/98	1900	16.81	8.42	87.9	87.9
981	05/10/98	2000	16.75	8.13	84.7	84.7
982	05/10/98	2100	16.70	8.07	84.0	84.0
983	05/10/98	2200	16.68	8.06	83.9	83.9
984	05/10/98	2300	16.66	7.96	82.8	82.8
985	06/11/98	0	16.63	7.92	82.3	82.3
986	06/11/98	100	16.61	7.92	82.3	82.3
987	06/11/98	200	16.59	7.81	81.1	81.1
988	06/11/98	300	16.58	7.73	80.3	80.3
989	06/11/98	400	16.58	7.73	80.3	80.3
990	06/11/98	500	16.56	7.73	80.2	80.2
991	06/11/98	600	16.51	7.71	80.0	80.0
992	06/11/98	700	16.49	7.71	80.0	80.0
993	06/11/98	800	16.53	7.95	82.6	82.6
994	06/11/98	900	16.56	8.27	88.8	88.8
995	06/11/98	1000	16.64	8.46	88.0	88.0
996	06/11/98	1100	16.70	8.47	88.2	88.2
997	06/11/98	1200	16.68	8.51	88.6	88.6
998	06/11/98	1300	16.75	8.73	91.0	91.0
999	06/11/98	1400	16.76	8.89	92.7	92.7
1000	06/11/98	1500	16.75	8.79	91.6	91.6
1001	06/11/98	1600	16.71	8.68	90.4	90.4
1002	06/11/98	1700	16.62	9.18	98.2	98.2
1003	06/11/98	1800	16.55	9.07	96.9	96.9
1004	06/11/98	1900	16.50	8.98	95.8	95.8
1005	06/11/98	2000	16.47	8.85	94.4	94.4
1006	06/11/98	2100	16.42	8.75	93.2	93.2
1007	06/11/98	2200	16.35	8.68	92.3	92.3
1008	06/11/98	2300	16.32	8.62	91.7	91.7
1009	06/12/98	0	16.25	8.57	91.0	91.0
1010	06/12/98	100	16.20	8.47	89.8	89.8
1011	06/12/98	200	16.15	8.43	89.3	89.3
1012	06/12/98	300	16.08	8.37	88.5	88.5
1013	06/12/98	400	16.02	8.33	88.0	88.0
1014	06/12/98	500	15.97	8.29	87.4	87.4
1015	06/12/98	600	15.86	8.22	86.6	86.6
1016	06/12/98	700	15.83	8.29	87.2	87.2
1017	06/12/98	800	15.90	8.52	89.8	89.8
1018	06/12/98	900	16.02	8.78	92.4	92.4
1019	06/12/98	1000	16.34	9.12	97.0	97.0
1020	06/12/98	1100	16.54	9.35	100.0	100.0
1021	06/12/98	1200	16.51	9.48	102.0	102.0
1022	06/12/98	1300	17.05	9.51	102.6	102.6
1023	06/12/98	1400	17.32	9.68	105.1	105.1
1024	06/12/98	1500	17.55	9.71	105.9	105.9
1025	06/12/98	1600	17.88	9.73	106.8	106.8
1026	06/12/98	1700	18.12	9.72	107.3	107.3
1027	06/12/98	1800	18.27	9.63	106.6	106.6
1028	06/12/98	1900	18.24	9.50	105.1	105.1
1029	06/12/98	2000	18.08	9.23	101.8	101.8
1030	06/12/98	2100	17.98	9.09	100.0	100.0
1031	06/12/98	2200	17.93	8.93	98.2	98.2
1032	06/12/98	2300	17.86	8.87	97.3	97.3
1033	06/13/98	0	17.88	8.85	97.2	97.2
1034	06/13/98	100	17.78	8.78	96.2	96.2
1035	06/13/98	200	17.64	8.68	94.8	94.8
1036	06/13/98	300	17.45	8.60	93.6	93.6
1037	06/13/98	400	17.25	8.55	92.6	92.6
1038	06/13/98	500	17.03	8.49	91.6	91.6
1039	06/13/98	600	16.84	8.46	91.0	91.0
1040	06/13/98	700	16.71	8.47	90.7	90.7
1041	06/13/98	800	16.66	8.58	91.8	91.8
1042	06/13/98	900	16.78	8.70	93.4	93.4
1043	06/13/98	1000	17.08	8.88	95.9	95.9
1044	06/13/98	1100	17.54	9.06	98.8	98.8
1045	06/13/98	1200	18.00	9.18	101.1	101.1
1046	06/13/98	1300	18.48	9.29	103.2	103.2
1047	06/13/98	1400	18.96	9.43	105.9	105.9
1048	06/13/98	1500	19.25	9.46	106.8	106.8
1049	06/13/98	1600	19.60	9.50	108.0	108.0
1050	06/13/98	1700	19.74	9.47	107.9	107.9

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1051	06/13/98	1800	19.94	9.46		108.3
1052	06/13/98	1900	19.93	9.34		106.9
1053	06/13/98	2000	19.81	9.20		105.0
1054	06/13/98	2100	19.65	9.03		102.8
1055	06/13/98	2200	19.48	8.83		101.3
1056	06/13/98	2300	19.25	8.63		99.7
1057	06/14/98	0	18.92	8.73		97.9
1058	06/14/98	100	18.56	8.65		96.3
1059	06/14/98	200	18.19	8.62		95.3
1060	06/14/98	300	17.84	8.59		94.3
1061	06/14/98	400	17.57	8.58		93.5
1062	06/14/98	500	17.37	8.55		92.9
1063	06/14/98	600	17.21	8.57		92.8
1064	06/14/98	700	17.16	8.58		92.8
1065	06/14/98	800	17.27	8.62		93.4
1066	06/14/98	900	17.50	8.71		94.9
1067	06/14/98	1000	17.84	8.86		97.2
1068	06/14/98	1100	18.31	9.03		100.0
1069	06/14/98	1200	18.85	9.18		102.5
1070	06/14/98	1300	19.32	9.25		104.8
1071	06/14/98	1400	19.72	9.28		105.7
1072	06/14/98	1500	20.10	9.43		108.2
1073	06/14/98	1600	20.40	9.44		109.0
1074	06/14/98	1700	20.54	9.40		108.8
1075	06/14/98	1800	20.56	9.32		108.0
1076	06/14/98	1900	20.56	9.04		104.8
1077	06/14/98	2000	20.42	9.13		105.5
1078	06/14/98	2100	20.19	8.98		103.3
1079	06/14/98	2200	19.91	8.88		101.6
1080	06/14/98	2300	19.61	8.78		99.8
1081	06/15/98	0	19.27	8.68		98.1
1082	06/15/98	100	18.96	8.60		96.6
1083	06/15/98	200	18.68	8.54		95.3
1084	06/15/98	300	18.44	8.48		94.1
1085	06/15/98	400	18.25	8.42		93.1
1086	06/15/98	500	18.10	8.34		92.0
1087	06/15/98	600	17.98	8.32		91.8
1088	06/15/98	700	17.95	8.35		91.8
1089	06/15/98	800	18.01	8.42		92.7
1090	06/15/98	900	18.22	8.52		94.2
1091	06/15/98	1000	18.58	8.67		96.7
1092	06/15/98	1100	19.04	8.87		99.8
1093	06/15/98	1200	19.61	9.05		102.8
1094	06/15/98	1300	19.98	9.03		103.6
1095	06/15/98	1400	20.49	9.18		106.2
1096	06/15/98	1500	20.82	9.24		106.0
1097	06/15/98	1600	21.17	9.28		108.4
1098	06/15/98	1700	21.36	9.28		109.2
1099	06/15/98	1800	21.40	9.16		107.9
1100	06/15/98	1900	21.36	9.00		106.0
1101	06/15/98	2000	21.24	8.78		103.7
1102	06/15/98	2100	21.05	8.61		100.7
1103	06/15/98	2200	20.87	8.44		98.4
1104	06/15/98	2300	20.68	8.31		96.5
1105	06/16/98	0	20.45	8.19		94.7
1106	06/16/98	100	20.22	8.16		93.9
1107	06/16/98	200	19.98	8.09		92.7
1108	06/16/98	300	19.75	8.03		91.6
1109	06/16/98	400	19.53	7.82		88.7
1110	06/16/98	500	19.29	7.82		88.5
1111	06/16/98	600	19.06	7.88		88.6
1112	06/16/98	700	18.89	7.92		88.8
1113	06/16/98	800	18.82	8.03		89.9
1114	06/16/98	900	18.96	8.23		92.4
1115	06/16/98	1000	19.18	8.45		95.2
1116	06/16/98	1100	19.63	8.74		98.4
1117	06/16/98	1200	20.08	8.83		99.4
1118	06/16/98	1300	20.59	9.18		102.5
1119	06/16/98	1400	20.91	9.38		106.5
1120	06/16/98	1500	21.38	9.36		108.3
1121	06/16/98	1600	21.88	9.42		110.2
1122	06/16/98	1700	22.20	9.40		112.0
1123	06/16/98	1800	22.36	9.24		110.8
1124	06/16/98	1900	22.38	8.96		107.5
1125	06/16/98	2000	22.34	8.64		103.7

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
1126	06/16/98	2100	22.29	8.38	100.4	100.4
1127	06/16/98	2200	22.20	8.19	97.9	97.9
1128	06/16/98	2300	22.09	8.05	96.2	96.2
1129	06/17/98	0	21.97	7.89	94.0	94.0
1130	06/17/98	100	21.77	7.79	92.5	92.5
1131	06/17/98	200	21.51	7.69	90.8	90.8
1132	06/17/98	300	21.21	7.58	89.0	89.0
1133	06/17/98	400	20.85	7.53	87.8	87.8
1134	06/17/98	500	20.52	7.40	85.7	85.7
1135	06/17/98	600	20.19	7.41	85.2	85.2
1136	06/17/98	700	19.93	7.45	85.2	85.2
1137	06/17/98	800	19.81	7.60	86.8	86.8
1138	06/17/98	900	19.86	7.82	89.3	89.3
1139	06/17/98	1000	20.17	8.17	94.0	94.0
1140	06/17/98	1100	20.68	8.68	100.8	100.8
1141	06/17/98	1200	21.31	9.06	106.6	106.6
1142	06/17/98	1300	21.95	9.18	109.3	109.3
1143	06/17/98	1400	22.48	9.61	115.6	115.6
1144	06/17/98	1500	22.66	9.48	114.4	114.4
1145	06/17/98	1600	22.86	9.36	113.4	113.4
1146	06/17/98	1700	22.88	9.18	111.4	111.4
1147	06/17/98	1800	22.90	8.85	107.3	107.3
1148	06/17/98	1900	22.96	8.73	105.9	105.9
1149	06/17/98	2000	22.94	8.55	103.8	103.8
1150	06/17/98	2100	22.83	8.13	98.4	98.4
1151	06/17/98	2200	22.74	7.93	95.8	95.8
1152	06/17/98	2300	22.65	7.91	95.4	95.4
1153	06/18/98	0	22.57	7.78	93.8	93.8
1154	06/18/98	100	22.44	7.72	92.8	92.8
1155	06/18/98	200	22.23	7.65	91.5	91.5
1156	06/18/98	300	22.00	7.52	89.6	89.6
1157	06/18/98	400	21.72	7.44	88.1	88.1
1158	06/18/98	500	21.42	7.31	86.1	86.1
1159	06/18/98	600	21.17	7.23	84.8	84.8
1160	06/18/98	700	20.94	7.29	85.1	85.1
1161	06/18/98	800	20.82	7.43	86.6	86.6
1162	06/18/98	900	20.85	7.71	89.9	89.9
1163	06/18/98	1000	20.89	7.90	92.2	92.2
1164	06/18/98	1100	21.05	8.15	95.4	95.4
1165	06/18/98	1200	21.24	8.38	98.4	98.4
1166	06/18/98	1300	21.61	8.65	102.3	102.3
1167	06/18/98	1400	21.90	8.73	103.8	103.8
1168	06/18/98	1500	22.16	9.07	108.4	108.4
1169	06/18/98	1600	22.36	8.69	104.2	104.2
1170	06/18/98	1700	22.38	8.71	104.6	104.6
1171	06/18/98	1800	22.50	8.62	103.7	103.7
1172	06/18/98	1900	22.51	8.55	103.5	103.5
1173	06/18/98	2000	22.56	8.19	98.7	98.7
1174	06/18/98	2100	22.41	7.91	95.0	95.0
1175	06/18/98	2200	22.40	7.71	92.6	92.6
1176	06/18/98	2300	22.34	7.64	91.6	91.6
1177	06/19/98	0	22.25	7.47	89.5	89.5
1178	06/19/98	100	22.13	7.40	88.4	88.4
1179	06/19/98	200	22.00	7.31	87.1	87.1
1180	06/19/98	300	21.81	7.20	85.5	85.5
1181	06/19/98	400	21.65	7.09	83.9	83.9
1182	06/19/98	500	21.44	7.01	82.7	82.7
1183	06/19/98	600	21.26	6.94	81.5	81.5
1184	06/19/98	700	21.06	6.94	81.3	81.3
1185	06/19/98	800	20.98	7.07	82.6	82.6
1186	06/19/98	900	20.92	7.18	83.9	83.9
1187	06/19/98	1000	20.85	7.29	84.9	84.9
1188	06/19/98	1100	20.84	7.45	86.8	86.8
1189	06/19/98	1200	21.15	7.88	92.3	92.3
1190	06/19/98	1300	21.78	8.84	104.9	104.9
1191	06/19/98	1400	22.15	9.21	110.1	110.1
1192	06/19/98	1500	22.47	8.38	100.8	100.8
1193	06/19/98	1600	22.57	9.26	111.6	111.6
1194	06/19/98	1700	22.68	9.21	111.2	111.2
1195	06/19/98	1800	22.82	8.79	106.5	106.5
1196	06/19/98	1900	22.77	8.44	102.1	102.1
1197	06/19/98	2000	22.49	7.96	95.7	95.7
1198	06/19/98	2100	22.36	7.71	92.4	92.4
1199	06/19/98	2200	22.32	7.71	92.4	92.4
1200	06/19/98	2300	22.25	7.62	91.3	91.3

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1201	06/20/98	0	22.16	7.55	90.2	90.2
1202	06/20/98	100	22.09	7.47	89.2	89.2
1203	06/20/98	200	21.97	7.32	87.2	87.2
1204	06/20/98	300	21.77	7.23	85.8	85.8
1205	06/20/98	400	21.52	7.09	83.7	83.7
1206	06/20/98	500	21.26	6.96	81.7	81.7
1207	06/20/98	600	20.99	6.93	81.0	81.0
1208	06/20/98	700	20.82	6.88	80.1	80.1
1209	06/20/98	800	20.78	6.98	81.2	81.2
1210	06/20/98	900	20.94	7.23	84.4	84.4
1211	06/20/98	1000	21.40	7.69	90.6	90.6
1212	06/20/98	1100	22.00	8.49	101.1	101.1
1213	06/20/98	1200	22.72	8.96	108.2	108.2
1214	06/20/98	1300	23.31	9.29	113.5	113.5
1215	06/20/98	1400	23.91	9.49	118.8	118.8
1216	06/20/98	1500	24.37	9.53	117.3	117.3
1217	06/20/98	1600	24.60	9.39	117.6	117.6
1218	06/20/98	1700	24.58	8.77	109.8	109.8
1219	06/20/98	1800	24.58	8.33	104.2	104.2
1220	06/20/98	1900	24.55	7.94	98.1	98.1
1221	06/20/98	2000	24.47	7.70	96.0	96.0
1222	06/20/98	2100	24.38	7.53	93.8	93.8
1223	06/20/98	2200	24.30	7.15	87.6	87.6
1224	06/20/98	2300	24.20	7.07	85.1	85.1
1225	06/21/98	0	24.07	6.89	84.1	84.1
1226	06/21/98	100	23.91	6.88	84.3	84.3
1227	06/21/98	200	23.71	6.72	81.8	81.8
1228	06/21/98	300	23.43	6.57	80.8	80.8
1229	06/21/98	400	23.13	6.54	79.8	79.8
1230	06/21/98	500	22.86	6.63	83.4	83.4
1231	06/21/98	600	22.63	7.26	92.3	92.3
1232	06/21/98	700	22.49	8.23	100.1	100.1
1233	06/21/98	800	22.43	9.26	114.6	114.6
1234	06/21/98	900	22.50	8.69	108.4	108.4
1235	06/21/98	1000	22.70	9.51	118.9	118.9
1236	06/21/98	1100	23.08	9.58	120.6	120.6
1237	06/21/98	1200	23.53	9.02	113.6	113.6
1238	06/21/98	1300	23.97	8.37	105.3	105.3
1239	06/21/98	1400	24.26	7.62	98.5	98.5
1240	06/21/98	1500	24.26	7.04	90.5	90.5
1241	06/21/98	1600	24.38	7.24	87.9	87.9
1242	06/21/98	1700	24.55	6.96	86.7	86.7
1243	06/21/98	1800	24.86	6.92	85.8	85.8
1244	06/21/98	1900	24.90	6.79	84.0	84.0
1245	06/21/98	2000	24.86	6.67	82.1	82.1
1246	06/21/98	2100	24.55	6.60	81.0	81.0
1247	06/21/98	2200	24.52	6.48	79.0	79.0
1248	06/21/98	2300	24.45	6.34	78.9	78.9
1249	06/21/98	0	24.31	6.33	76.1	76.1
1250	06/22/98	100	24.13	6.58	78.9	78.9
1251	06/22/98	200	23.94	6.80	81.7	81.7
1252	06/22/98	300	23.74	7.31	88.3	88.3
1253	06/22/98	400	23.51	8.36	101.7	101.7
1254	06/22/98	500	23.20	8.84	108.8	108.8
1255	06/22/98	600	22.93	9.41	116.9	116.9
1256	06/22/98	700	22.66	9.73	124.7	124.7
1257	06/22/98	800	22.41	9.62	121.6	121.6
1258	06/22/98	900	22.31	9.29	117.7	117.7
1259	06/22/98	1000	22.66	9.07	114.8	114.8
1260	06/22/98	1100	23.10	8.24	104.0	104.0
1261	06/22/98	1200	23.58	7.53	94.9	94.9
1262	06/22/98	1300	24.22	7.14	89.7	89.7
1263	06/22/98	1400	24.62	6.87	86.0	86.0
1264	06/22/98	1500	24.90	6.67	83.3	83.3
1265	06/22/98	1600	25.12	6.40	80.9	80.9
1266	06/22/98	1700	25.26	6.40	79.4	79.4
1267	06/22/98	1800	25.21	6.40	78.4	78.4
1268	06/22/98	1900	25.01	6.40	78.4	78.4
1269	06/22/98	2000	24.83	6.40	78.4	78.4
1270	06/22/98	2100	24.73	6.40	78.4	78.4
1271	06/22/98	2200	24.62	6.40	78.4	78.4
1272	06/22/98	2300	24.47	6.40	78.4	78.4
1273	06/23/98	0	24.31	6.40	78.4	78.4
1274	06/23/98	100	24.09	6.40	78.4	78.4
1275	06/23/98	200	23.90	6.40	78.4	78.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1276	06/23/98	300	23.68	6.37		78.4
1277	06/23/98	400	23.42	6.27		76.8
1278	06/23/98	500	23.22	6.17		75.3
1279	06/23/98	600	22.96	6.19		75.2
1280	06/23/98	700	22.81	6.27		75.9
1281	06/23/98	800	22.70	6.60		79.7
1282	06/23/98	900	22.79	6.75		81.7
1283	06/23/98	1000	23.11	7.61		92.6
1284	06/23/98	1100	23.64	8.69		106.9
1285	06/23/98	1200	24.02	8.49		105.2
1286	06/23/98	1300	24.11	8.25		102.3
1287	06/23/98	1400	24.31	9.58		119.3
1288	06/23/98	1500	25.10	10.03		126.8
1289	06/23/98	1600	25.32	9.16		116.2
1290	06/23/98	1700	25.31	9.91		125.7
1291	06/23/98	1800	25.31	8.21		104.1
1292	06/23/98	1900	25.15	8.38		105.9
1293	06/23/98	2000	24.84	7.34		92.3
1294	06/23/98	2100	24.66	6.81		85.4
1295	06/23/98	2200	24.54	6.59		82.4
1296	06/23/98	2300	24.46	6.33		79.0
1297	06/24/98	0	24.25	6.18		76.9
1298	06/24/98	100	24.05	6.19		76.7
1299	06/24/98	200	23.77	6.02		74.2
1300	06/24/98	300	23.61	5.98		73.4
1301	06/24/98	400	23.44	5.86		71.8
1302	06/24/98	500	23.34	5.77		70.6
1303	06/24/98	600	23.15	5.89		71.7
1304	06/24/98	700	22.97	5.96		72.3
1305	06/24/98	800	22.81	6.15		74.4
1306	06/24/98	900	22.85	6.74		81.7
1307	06/24/98	1000	22.95	7.14		86.6
1308	06/24/98	1100	23.06	7.19		87.4
1309	06/24/98	1200	23.10	7.84		95.4
1310	06/24/98	1300	23.27	8.39		102.5
1311	06/24/98	1400	23.77	9.56		117.9
1312	06/24/98	1500	24.24	8.54		106.2
1313	06/24/98	1600	24.47	10.06		125.6
1314	06/24/98	1700	24.62	9.86		123.5
1315	06/24/98	1800	24.77	8.78		110.3
1316	06/24/98	1900	24.77	8.17		102.6
1317	06/24/98	2000	24.70	7.28		91.3
1318	06/24/98	2100	24.58	6.69		83.7
1319	06/24/98	2200	24.41	6.29		78.5
1320	06/24/98	2300	24.31	6.11		76.0
1321	06/25/98	0	24.17	6.17		76.6
1322	06/25/98	100	24.10	6.04		74.9
1323	06/25/98	200	24.02	5.95		73.7
1324	06/25/98	300	23.93	5.86		72.5
1325	06/25/98	400	23.82	5.81		71.7
1326	06/25/98	500	23.66	5.71		70.3
1327	06/25/98	600	23.58	5.66		69.5
1328	06/25/98	700	23.50	5.74		70.3
1329	06/25/98	800	23.44	6.09		74.7
1330	06/25/98	900	23.47	6.78		83.1
1331	06/25/98	1000	23.54	7.83		96.1
1332	06/25/98	1100	23.71	8.10		99.8
1333	06/25/98	1200	24.05	8.46		104.8
1334	06/25/98	1300	24.51	8.82		110.2
1335	06/25/98	1400	24.53	8.68		108.5
1336	06/25/98	1500	24.75	8.68		109.0
1337	06/25/98	1600	24.97	8.66		109.1
1338	06/25/98	1700	24.25	8.05		100.1
1339	06/25/98	1800	24.00	7.66		94.9
1340	06/25/98	1900	23.83	7.53		93.0
1341	06/25/98	2000	23.74	7.61		93.7
1342	06/25/98	2100	23.65	7.53		92.6
1343	06/25/98	2200	23.47	7.34		89.8
1344	06/25/98	2300	23.35	7.25		88.7
1345	06/26/98	0	23.23	7.21		88.1
1346	06/26/98	100	23.03	7.16		87.4
1347	06/26/98	200	22.91	7.11		86.6
1348	06/26/98	300	22.82	7.02		86.2
1349	06/26/98	400	22.82	7.02		85.0
1350	06/26/98	500	22.68	6.96		84.0

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1351	06/26/98	600	22.35	6.93		83.1
1352	06/26/98	700	22.23	6.98		83.5
1353	06/26/98	800	22.12	7.15		85.4
1354	06/26/98	900	22.23	7.43		88.9
1355	06/26/98	1000	22.53	7.87		94.7
1356	06/26/98	1100	23.18	8.30		101.2
1357	06/26/98	1200	23.78	8.64		106.6
1358	06/26/98	1300	24.53	9.00		112.5
1359	06/26/98	1400	25.16	9.11		115.3
1360	06/26/98	1500	25.59	9.23		117.7
1361	06/26/98	1600	25.96	9.21		118.2
1362	06/26/98	1700	26.96	8.99		115.4
1363	06/26/98	1800	26.07	8.81		113.3
1364	06/26/98	1900	25.98	8.57		110.1
1365	06/26/98	2000	25.74	8.11		103.6
1366	06/26/98	2100	25.44	7.69		97.7
1367	06/26/98	2200	25.21	7.37		93.3
1368	06/26/98	2300	26.07	7.22		91.2
1369	06/27/98	0	24.88	7.10		89.3
1370	06/27/98	100	24.71	6.98		87.6
1371	06/27/98	200	24.53	6.86		85.8
1372	06/27/98	300	24.46	6.78		84.7
1373	06/27/98	400	24.35	6.70		83.6
1374	06/27/98	500	24.25	6.61		82.2
1375	06/27/98	600	24.09	6.55		81.2
1376	06/27/98	700	23.89	6.57		81.1
1377	06/27/98	800	23.72	6.57		80.9
1378	06/27/98	900	23.58	6.64		81.6
1379	06/27/98	1000	23.49	6.82		83.7
1380	06/27/98	1100	23.52	7.28		89.3
1381	06/27/98	1200	23.65	7.78		95.7
1382	06/27/98	1300	23.92	8.18		101.1
1383	06/27/98	1400	24.00	8.32		103.0
1384	06/27/98	1500	24.14	8.51		105.6
1385	06/27/98	1600	24.51	8.80		110.0
1386	06/27/98	1700	24.77	8.83		110.8
1387	06/27/98	1800	24.88	8.72		109.7
1388	06/27/98	1900	24.85	8.33		104.4
1389	06/27/98	2000	24.35	7.89		98.3
1390	06/27/98	2100	24.16	7.59		94.2
1391	06/27/98	2200	24.13	7.38		91.6
1392	06/27/98	2300	24.09	7.26		90.0
1393	06/28/98	0	24.00	7.19		89.0
1394	06/28/98	100	23.94	7.14		88.3
1395	06/28/98	200	23.84	7.05		87.4
1396	06/28/98	300	23.87	6.97		86.1
1397	06/28/98	400	23.81	6.91		85.2
1398	06/28/98	500	23.71	6.83		84.1
1399	06/28/98	600	23.56	6.74		82.7
1400	06/28/98	700	23.45	6.67		81.7
1401	06/28/98	800	23.40	6.67		81.6
1402	06/28/98	900	23.36	6.82		83.4
1403	06/28/98	1000	23.63	7.35		90.4
1404	06/28/98	1100	24.07	7.99		99.0
1405	06/28/98	1200	24.79	8.42		105.8
1406	06/28/98	1300	25.36	8.64		109.7
1407	06/28/98	1400	25.72	8.71		111.3
1408	06/28/98	1500	26.24	8.88		114.6
1409	06/28/98	1600	26.36	8.88		114.8
1410	06/28/98	1700	26.49	8.80		114.1
1411	06/28/98	1800	26.48	8.67		112.4
1412	06/28/98	1900	26.32	8.33		107.6
1413	06/28/98	2000	26.00	7.99		100.1
1414	06/28/98	2100	25.79	7.44		95.2
1415	06/28/98	2200	25.68	7.26		92.8
1416	06/28/98	2300	25.55	7.20		91.7
1417	06/29/98	0	25.40	7.04		89.5
1418	06/29/98	100	25.16	6.96		88.1
1419	06/29/98	200	24.95	6.86		86.4
1420	06/29/98	300	24.64	6.80		85.2
1421	06/29/98	400	24.58	6.80		85.2
1422	06/29/98	500	24.03	6.71		83.7
1423	06/29/98	600	23.67	6.61		81.9
1424	06/29/98	700	23.47	6.55		80.6
1425	06/29/98	800	23.31	6.74		82.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO % SATURATION
1426	06/29/98	900	23.36	7.04	86.1	86.1
1427	06/29/98	1000	23.67	7.58	93.3	93.3
1428	06/29/98	1100	24.09	8.13	100.8	100.8
1429	06/29/98	1200	24.57	8.52	106.6	106.6
1430	06/29/98	1300	25.03	8.82	111.2	111.2
1431	06/29/98	1400	25.38	9.01	114.4	114.4
1432	06/29/98	1500	25.70	9.15	116.9	116.9
1433	06/29/98	1600	25.81	9.11	116.6	116.6
1434	06/29/98	1700	25.83	8.98	115.0	115.0
1435	06/29/98	1800	25.64	8.24	105.1	105.1
1436	06/29/98	1900	25.40	7.86	99.9	99.9
1437	06/29/98	2000	25.12	7.62	96.4	96.4
1438	06/29/98	2100	24.88	7.41	93.3	93.3
1439	06/29/98	2200	24.77	7.21	90.6	90.6
1440	06/29/98	2300	24.71	7.12	89.3	89.3
1441	06/30/98	0	24.64	6.99	87.6	87.6
1442	06/30/98	100	24.51	6.93	86.6	86.6
1443	06/30/98	200	24.31	6.77	84.3	84.3
1444	06/30/98	300	24.14	6.68	83.0	83.0
1445	06/30/98	400	23.89	6.64	82.0	82.0
1446	06/30/98	500	23.67	6.57	80.8	80.8
1447	06/30/98	600	23.45	6.53	80.0	80.0
1448	06/30/98	700	23.23	6.58	80.3	80.3
1449	06/30/98	800	23.07	6.77	82.3	82.3
1450	06/30/98	900	23.13	7.15	87.2	87.2
1451	06/30/98	1000	23.27	7.63	93.1	93.1
1452	06/30/98	1100	23.62	8.08	99.2	99.2
1453	06/30/98	1200	23.85	8.44	104.1	104.1
1454	06/30/98	1300	24.16	8.94	111.1	111.1
1455	06/30/98	1400	24.70	8.86	111.2	111.2
1456	06/30/98	1500	25.18	9.14	115.6	115.6
1457	06/30/98	1600	25.57	9.61	122.5	122.5
1458	06/30/98	1700	25.64	9.43	120.3	120.3
1459	06/30/98	1800	25.49	9.07	115.6	115.6
1460	06/30/98	1900	25.31	8.67	108.7	108.7
1461	06/30/98	2000	25.12	8.04	101.7	101.7
1462	06/30/98	2100	24.92	7.62	96.0	96.0
1463	06/30/98	2200	24.71	7.40	92.9	92.9
1464	06/30/98	2300	24.60	7.24	90.6	90.6
1465	07/01/98	0	24.40	7.11	88.7	88.7
1466	07/01/98	100	24.18	7.00	86.9	86.9
1467	07/01/98	200	23.89	6.90	85.2	85.2
1468	07/01/98	300	23.65	6.83	84.0	84.0
1469	07/01/98	400	23.32	6.76	82.6	82.6
1470	07/01/98	500	23.00	6.68	81.1	81.1
1471	07/01/98	600	22.64	6.68	80.6	80.6
1472	07/01/98	700	22.39	6.78	81.4	81.4
1473	07/01/98	800	22.28	6.99	83.7	83.7
1474	07/01/98	900	22.30	7.30	87.5	87.5
1475	07/01/98	1000	22.62	7.93	95.6	95.6
1476	07/01/98	1100	23.13	8.80	107.1	107.1
1477	07/01/98	1200	23.67	9.38	115.4	115.4
1478	07/01/98	1300	24.24	9.83	122.2	122.2
1479	07/01/98	1400	24.75	9.95	124.9	124.9
1480	07/01/98	1500	25.21	10.19	129.1	129.1
1481	07/01/98	1600	25.44	9.65	122.6	122.6
1482	07/01/98	1700	25.59	9.97	127.1	127.1
1483	07/01/98	1800	25.62	9.53	121.5	121.5
1484	07/01/98	1900	25.48	8.86	112.8	112.8
1485	07/01/98	2000	25.25	8.21	104.0	104.0
1486	07/01/98	2100	24.98	7.67	96.7	96.7
1487	07/01/98	2200	24.79	7.37	92.6	92.6
1488	07/01/98	2300	24.66	7.24	90.7	90.7
1489	07/02/98	0	24.53	7.08	88.5	88.5
1490	07/02/98	100	24.42	7.02	87.5	87.5
1491	07/02/98	200	24.16	6.86	85.2	85.2
1492	07/02/98	300	23.96	6.81	84.3	84.3
1493	07/02/98	400	23.65	6.67	82.0	82.0
1494	07/02/98	500	23.31	6.52	79.6	79.6
1495	07/02/98	600	22.95	6.50	78.9	78.9
1496	07/02/98	700	22.69	6.58	79.5	79.5
1497	07/02/98	800	22.53	6.79	81.8	81.8
1498	07/02/98	900	22.62	7.15	86.2	86.2
1499	07/02/98	1000	22.98	7.67	93.1	93.1
1500	07/02/98	1100	23.56	8.76	107.6	107.6

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1501	07/02/98	1200	24.18	9.36	116.3	116.3
1502	07/02/98	1300	24.75	9.91	124.4	124.4
1503	07/02/98	1400	25.14	9.37	118.4	118.4
1504	07/02/98	1500	25.51	10.37	132.0	132.0
1505	07/02/98	1600	25.57	10.19	129.8	129.8
1506	07/02/98	1700	25.72	9.94	127.0	127.0
1507	07/02/98	1800	25.66	9.08	116.9	116.9
1508	07/02/98	1900	25.57	8.29	105.6	105.6
1509	07/02/98	2000	25.42	7.75	98.5	98.5
1510	07/02/98	2100	25.38	7.37	93.5	93.5
1511	07/02/98	2200	25.31	7.09	89.9	89.9
1512	07/02/98	2300	25.25	6.93	87.8	87.8
1513	07/03/98	0	25.10	6.77	85.6	85.6
1514	07/03/98	100	24.95	6.69	84.3	84.3
1515	07/03/98	200	24.77	6.52	81.8	81.8
1516	07/03/98	300	24.57	6.45	80.7	80.7
1517	07/03/98	400	24.29	6.32	78.7	78.7
1518	07/03/98	500	24.05	6.19	76.7	76.7
1519	07/03/98	600	23.80	6.20	76.5	76.5
1520	07/03/98	700	23.65	6.27	77.1	77.1
1521	07/03/98	800	23.58	6.50	79.9	79.9
1522	07/03/98	900	23.49	6.47	79.3	79.3
1523	07/03/98	1000	23.31	6.75	82.6	82.6
1524	07/03/98	1100	23.18	6.78	82.5	82.5
1525	07/03/98	1200	23.23	7.60	92.8	92.8
1526	07/03/98	1300	23.52	8.81	108.1	108.1
1527	07/03/98	1400	23.91	8.74	108.0	108.0
1528	07/03/98	1500	23.96	8.42	104.2	104.2
1529	07/03/98	1600	24.05	8.60	106.6	106.6
1530	07/03/98	1700	24.05	9.23	114.4	114.4
1531	07/03/98	1800	24.03	8.14	100.9	100.9
1532	07/03/98	1900	24.00	7.64	94.6	94.6
1533	07/03/98	2000	23.85	7.26	89.7	89.7
1534	07/03/98	2100	23.76	7.06	87.0	87.0
1535	07/03/98	2200	23.65	6.97	85.8	85.8
1536	07/03/98	2300	23.63	6.85	84.2	84.2
1537	07/04/98	0	23.54	6.79	83.3	83.3
1538	07/04/98	100	23.47	6.69	82.0	82.0
1539	07/04/98	200	23.31	6.61	80.8	80.8
1540	07/04/98	300	23.18	6.57	80.1	80.1
1541	07/04/98	400	23.02	6.48	78.7	78.7
1542	07/04/98	500	22.82	6.38	77.3	77.3
1543	07/04/98	600	22.62	6.37	76.8	76.8
1544	07/04/98	700	22.41	6.35	76.8	76.8
1545	07/04/98	800	22.37	6.60	79.2	79.2
1546	07/04/98	900	22.42	6.93	83.3	83.3
1547	07/04/98	1000	22.76	7.59	91.7	91.7
1548	07/04/98	1100	23.29	8.11	99.0	99.0
1549	07/04/98	1200	23.85	9.25	114.2	114.2
1550	07/04/98	1300	24.44	9.76	121.8	121.8
1551	07/04/98	1400	24.84	10.02	126.0	126.0
1552	07/04/98	1500	25.14	10.08	127.4	127.4
1553	07/04/98	1600	25.38	10.10	128.3	128.3
1554	07/04/98	1700	25.66	9.93	126.7	126.7
1555	07/04/98	1800	25.55	9.52	121.3	121.3
1556	07/04/98	1900	25.36	8.66	110.0	110.0
1557	07/04/98	2000	25.08	7.75	97.8	97.8
1558	07/04/98	2100	24.82	7.31	91.9	91.9
1559	07/04/98	2200	24.58	7.08	88.6	88.6
1560	07/04/98	2300	24.42	6.93	86.5	86.5
1561	07/05/98	0	24.20	6.77	84.1	84.1
1562	07/05/98	100	23.66	6.63	82.0	82.0
1563	07/05/98	200	23.69	6.49	79.9	79.9
1564	07/05/98	300	23.38	6.39	78.2	78.2
1565	07/05/98	400	22.98	6.26	76.0	76.0
1566	07/05/98	500	22.64	6.18	74.6	74.6
1567	07/05/98	600	22.26	6.14	73.5	73.5
1568	07/05/98	700	22.08	6.47	77.2	77.2
1569	07/05/98	800	21.98	6.60	78.7	78.7
1570	07/05/98	900	22.01	6.90	82.2	82.2
1571	07/05/98	1000	22.33	7.78	93.3	93.3
1572	07/05/98	1100	22.80	8.79	106.4	106.4
1573	07/05/98	1200	23.34	9.34	114.2	114.2
1574	07/05/98	1300	23.83	9.71	119.9	119.9
1575	07/05/98	1400	24.38	9.93	123.8	123.8

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO SATURATION
1576	07/05/98	24.70	9.99	125.2
1577	07/05/98	24.71	9.84	123.4
1578	07/05/98	24.54	9.29	116.4
1579	07/05/98	24.88	8.91	111.5
1580	07/05/98	24.51	8.21	102.6
1581	07/05/98	24.33	7.68	95.6
1582	07/05/98	24.22	7.28	90.6
1583	07/05/98	24.16	7.02	87.2
1584	07/05/98	24.11	6.80	84.3
1585	07/05/98	24.09	6.55	82.5
1586	07/05/98	23.98	6.49	80.3
1587	07/06/98	23.83	6.31	77.8
1588	07/06/98	23.63	6.22	76.4
1589	07/06/98	23.47	6.13	75.1
1590	07/06/98	23.18	6.06	73.8
1591	07/06/98	22.94	6.03	73.1
1592	07/06/98	22.75	6.04	73.1
1593	07/06/98	22.59	6.18	74.5
1594	07/06/98	22.50	6.49	78.1
1595	07/06/98	22.48	7.11	85.6
1596	07/06/98	22.46	7.15	85.9
1597	07/06/98	22.33	7.04	84.5
1598	07/06/98	22.16	7.08	84.7
1599	07/06/98	22.10	7.15	85.4
1600	07/06/98	22.10	7.31	87.2
1601	07/06/98	22.10	7.60	90.8
1602	07/06/98	22.14	7.36	87.9
1603	07/06/98	22.05	7.32	87.3
1604	07/06/98	22.05	7.20	85.9
1605	07/06/98	22.08	7.17	85.6
1606	07/06/98	21.98	7.06	84.1
1607	07/06/98	21.94	6.93	82.5
1608	07/06/98	21.91	6.84	81.4
1609	07/07/98	21.92	6.77	80.5
1610	07/07/98	21.80	6.71	79.7
1611	07/07/98	21.78	6.66	79.0
1612	07/07/98	21.68	6.59	78.0
1613	07/07/98	21.62	6.52	77.1
1614	07/07/98	21.52	6.51	76.8
1615	07/07/98	21.41	6.52	76.9
1616	07/07/98	21.34	6.62	77.9
1617	07/07/98	21.32	6.80	80.0
1618	07/07/98	21.38	6.88	81.0
1619	07/07/98	21.34	6.98	82.1
1620	07/07/98	21.35	7.10	83.6
1621	07/07/98	21.38	7.18	84.5
1622	07/07/98	21.45	7.35	86.6
1623	07/07/98	21.53	7.50	88.6
1624	07/07/98	21.56	7.80	92.3
1625	07/07/98	21.68	7.60	90.1
1626	07/07/98	21.64	7.43	88.0
1627	07/07/98	21.62	7.17	84.8
1628	07/07/98	21.62	7.01	83.0
1629	07/07/98	21.62	6.88	81.4
1630	07/07/98	21.57	6.81	80.5
1631	07/07/98	21.55	6.73	79.6
1632	07/08/98	21.50	6.70	79.1
1633	07/08/98	21.43	6.71	79.0
1634	07/08/98	21.34	6.69	78.7
1635	07/08/98	21.30	6.67	78.4
1636	07/08/98	21.16	6.65	78.0
1637	07/08/98	21.04	6.61	77.3
1638	07/08/98	20.91	6.60	77.0
1639	07/08/98	20.81	6.67	77.6
1640	07/08/98	20.83	6.86	79.9
1641	07/08/98	21.00	7.15	83.5
1642	07/08/98	21.38	7.58	89.2
1643	07/08/98	21.38	8.45	100.5
1644	07/08/98	22.68	8.97	108.3
1645	07/08/98	23.41	8.78	107.5
1646	07/08/98	23.67	8.53	104.9
1647	07/08/98	23.78	9.58	118.1
1648	07/08/98	23.78	8.60	106.0
1649	07/08/98	24.16	9.52	118.2
1650	07/08/98	1700		

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
1651	07/08/98	1800	24.44	9.34	116.6
1652	07/08/98	1900	24.42	8.42	105.0
1653	07/08/98	2000	24.13	7.47	92.6
1654	07/08/98	2100	23.91	7.05	87.1
1655	07/08/98	2200	23.74	6.78	83.6
1656	07/08/98	2300	23.63	6.68	82.1
1657	07/09/98	0	23.60	6.69	82.2
1658	07/09/98	100	23.43	6.64	81.3
1659	07/09/98	200	23.29	6.57	80.2
1660	07/09/98	300	22.98	6.53	79.3
1661	07/09/98	400	22.68	6.48	78.3
1662	07/09/98	500	22.37	6.40	76.8
1663	07/09/98	600	22.08	6.39	75.3
1664	07/09/98	700	21.85	6.45	76.7
1665	07/09/98	800	21.75	6.62	78.5
1666	07/09/98	900	21.80	6.86	81.4
1667	07/09/98	1000	22.08	7.30	87.1
1668	07/09/98	1100	22.66	8.20	99.0
1669	07/09/98	1200	23.31	9.44	115.3
1670	07/09/98	1300	23.84	9.32	115.1
1671	07/09/98	1400	24.41	9.43	117.7
1672	07/09/98	1500	24.79	9.52	119.6
1673	07/09/98	1600	25.02	9.44	119.1
1674	07/09/98	1700	25.07	9.38	118.5
1675	07/09/98	1800	25.15	9.31	117.8
1676	07/09/98	1900	25.24	9.12	115.6
1677	07/09/98	2000	25.05	8.68	109.6
1678	07/09/98	2100	24.81	8.25	103.7
1679	07/09/98	2200	24.59	8.05	100.7
1680	07/09/98	2300	24.50	7.94	99.2
1681	07/10/98	0	24.44	7.83	97.8
1682	07/10/98	100	24.26	7.70	95.8
1683	07/10/98	200	23.93	7.63	94.3
1684	07/10/98	300	23.58	7.50	92.1
1685	07/10/98	400	23.20	7.41	90.4
1686	07/10/98	500	22.84	7.37	89.2
1687	07/10/98	600	22.54	7.31	88.0
1688	07/10/98	700	22.23	7.28	88.4
1689	07/10/98	800	22.13	7.55	90.2
1690	07/10/98	900	22.14	7.87	94.0
1691	07/10/98	1000	22.35	8.28	99.3
1692	07/10/98	1100	22.81	8.68	105.0
1693	07/10/98	1200	23.40	9.11	111.5
1694	07/10/98	1300	23.97	9.28	114.8
1695	07/10/98	1400	24.59	9.68	119.9
1696	07/10/98	1500	25.02	9.67	121.9
1697	07/10/98	1600	25.20	9.63	121.9
1698	07/10/98	1700	25.39	9.59	121.8
1699	07/10/98	1800	25.43	9.43	119.9
1700	07/10/98	1900	25.28	9.15	108.0
1701	07/10/98	2000	25.02	8.62	100.8
1702	07/10/98	2100	24.83	8.21	103.2
1703	07/10/98	2200	24.72	8.00	100.3
1704	07/10/98	2300	24.57	7.83	98.0
1705	07/11/98	0	24.43	7.74	96.6
1706	07/11/98	100	24.26	7.63	95.0
1707	07/11/98	200	23.97	7.52	93.0
1708	07/11/98	300	23.73	7.44	91.6
1709	07/11/98	400	23.37	7.28	89.1
1710	07/11/98	500	23.00	7.24	87.9
1711	07/11/98	600	22.66	7.16	86.4
1712	07/11/98	700	22.39	7.21	86.5
1713	07/11/98	800	22.21	7.31	87.5
1714	07/11/98	900	22.23	7.58	90.7
1715	07/11/98	1000	22.48	7.97	95.9
1716	07/11/98	1100	22.88	8.46	102.5
1717	07/11/98	1200	23.40	8.86	108.5
1718	07/11/98	1300	24.00	9.13	113.1
1719	07/11/98	1400	24.46	9.28	116.0
1720	07/11/98	1500	24.57	9.21	115.3
1721	07/11/98	1600	25.02	9.36	118.1
1722	07/11/98	1700	25.13	9.42	119.3
1723	07/11/98	1800	25.02	9.09	114.9
1724	07/11/98	1900	25.02	8.74	110.3
1725	07/11/98	2000	25.04	8.35	105.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
1726	07/11/98	2100	25.00	8.05	101.6	101.6
1727	07/11/98	2200	24.91	7.82	98.5	98.5
1728	07/11/98	2300	24.78	7.61	96.6	96.6
1729	07/12/98	0	24.63	7.53	94.3	94.3
1730	07/12/98	100	24.54	7.34	91.8	91.8
1731	07/12/98	200	24.39	7.18	89.5	89.5
1732	07/12/98	300	24.15	7.00	86.9	86.9
1733	07/12/98	400	23.95	6.86	84.9	84.9
1734	07/12/98	500	23.69	6.74	82.9	82.9
1735	07/12/98	600	23.46	6.69	81.9	81.9
1736	07/12/98	700	23.26	6.72	82.0	82.0
1737	07/12/98	800	23.20	6.85	83.6	83.6
1738	07/12/98	900	23.28	7.18	87.7	87.7
1739	07/12/98	1000	23.57	7.51	92.3	92.3
1740	07/12/98	1100	24.06	8.06	99.8	99.8
1741	07/12/98	1200	24.59	8.35	104.5	104.5
1742	07/12/98	1300	25.11	8.46	106.9	106.9
1743	07/12/98	1400	26.61	8.72	111.2	111.2
1744	07/12/98	1500	26.01	8.87	116.2	116.2
1745	07/12/98	1600	26.37	9.05	117.1	117.1
1746	07/12/98	1700	26.52	8.99	116.6	116.6
1747	07/12/98	1800	26.46	8.76	113.5	113.5
1748	07/12/98	1900	26.22	8.20	105.8	105.8
1749	07/12/98	2000	26.03	8.00	102.9	102.9
1750	07/12/98	2100	25.91	7.57	97.0	97.0
1751	07/12/98	2200	25.76	7.23	92.8	92.8
1752	07/12/98	2300	25.63	7.10	90.6	90.6
1753	07/13/98	0	25.52	7.01	89.2	89.2
1754	07/13/98	100	25.46	6.94	88.2	88.2
1755	07/13/98	200	25.37	6.87	87.3	87.3
1756	07/13/98	300	25.22	6.82	86.3	86.3
1757	07/13/98	400	25.02	6.73	84.9	84.9
1758	07/13/98	500	24.79	6.59	82.8	82.8
1759	07/13/98	600	24.57	6.55	82.0	82.0
1760	07/13/98	700	24.35	6.49	80.8	80.8
1761	07/13/98	800	24.22	6.72	83.5	83.5
1762	07/13/98	900	24.28	7.20	89.6	89.6
1763	07/13/98	1000	24.37	7.43	92.6	92.6
1764	07/13/98	1100	24.51	7.85	98.3	98.3
1765	07/13/98	1200	24.94	8.24	103.8	103.8
1766	07/13/98	1300	25.52	8.61	109.7	109.7
1767	07/13/98	1400	26.78	8.53	109.1	109.1
1768	07/13/98	1500	26.18	8.78	112.7	112.7
1769	07/13/98	1600	26.63	9.16	119.0	119.0
1770	07/13/98	1700	26.82	9.20	120.2	120.2
1771	07/13/98	1800	26.98	9.03	118.1	118.1
1772	07/13/98	1900	26.92	8.63	112.7	112.7
1773	07/13/98	2000	26.69	7.85	102.1	102.1
1774	07/13/98	2100	26.48	7.34	95.1	95.1
1775	07/13/98	2200	26.35	6.96	89.9	89.9
1776	07/13/98	2300	26.23	6.76	87.2	87.2
1777	07/14/98	0	26.16	6.55	85.6	85.6
1778	07/14/98	100	26.06	6.55	84.0	84.0
1779	07/14/98	200	26.03	6.45	82.9	82.9
1780	07/14/98	300	25.97	6.29	80.8	80.8
1781	07/14/98	400	25.99	6.27	80.5	80.5
1782	07/14/98	500	25.93	6.19	79.4	79.4
1783	07/14/98	600	25.84	6.04	77.4	77.4
1784	07/14/98	700	25.74	6.13	78.3	78.3
1785	07/14/98	800	25.73	6.30	80.5	80.5
1786	07/14/98	900	25.82	6.58	84.4	84.4
1787	07/14/98	1000	26.16	7.12	91.7	91.7
1788	07/14/98	1100	26.56	7.78	100.9	100.9
1789	07/14/98	1200	26.35	7.15	92.4	92.4
1790	07/14/98	1300	26.05	6.84	88.0	88.0
1791	07/14/98	1400	25.88	7.25	93.0	93.0
1792	07/14/98	1500	26.20	8.01	103.2	103.2
1793	07/14/98	1600	26.84	8.69	113.3	113.3
1794	07/14/98	1700	27.26	8.88	116.7	116.7
1795	07/14/98	1800	27.24	8.64	113.5	113.5
1796	07/14/98	1900	26.94	8.00	104.6	104.6
1797	07/14/98	2000	26.69	7.21	93.7	93.7
1798	07/14/98	2100	26.33	6.83	88.3	88.3
1799	07/14/98	2200	26.18	6.58	84.8	84.8
1800	07/14/98	2300	26.06	6.50	83.6	83.6

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
1801	07/15/98	0	25.93	6.48	83.1	83.1
1802	07/15/98	100	25.82	6.46	82.7	82.7
1803	07/15/98	200	25.76	6.42	82.1	82.1
1804	07/15/98	300	25.71	6.34	81.0	81.0
1805	07/15/98	400	25.58	6.30	80.4	80.4
1806	07/15/98	500	25.41	6.21	79.0	79.0
1807	07/15/98	600	25.20	6.21	78.6	78.6
1808	07/15/98	700	25.07	6.22	78.5	78.5
1809	07/15/98	800	25.02	6.47	81.6	81.6
1810	07/15/98	900	25.07	6.81	86.0	86.0
1811	07/15/98	1000	25.30	7.19	91.2	91.2
1812	07/15/98	1100	25.39	7.53	95.7	95.7
1813	07/15/98	1200	25.48	7.54	96.0	96.0
1814	07/15/98	1300	25.58	7.82	99.7	99.7
1815	07/15/98	1400	25.58	7.72	98.4	98.4
1816	07/15/98	1500	25.56	7.79	99.3	99.3
1817	07/15/98	1600	25.58	7.70	98.1	98.1
1818	07/15/98	1700	25.59	7.95	101.3	101.3
1819	07/15/98	1800	25.65	8.41	107.3	107.3
1820	07/15/98	1900	26.74	7.91	101.2	101.2
1821	07/15/98	2000	25.61	7.22	92.1	92.1
1822	07/15/98	2100	25.46	6.82	86.8	86.8
1823	07/15/98	2200	25.33	6.50	82.6	82.6
1824	07/15/98	2300	25.24	6.35	80.4	80.4
1825	07/15/98	0	25.09	6.32	79.8	79.8
1826	07/15/98	100	24.98	6.25	78.8	78.8
1827	07/15/98	200	24.81	6.21	78.0	78.0
1828	07/15/98	300	24.63	6.22	78.0	78.0
1829	07/15/98	400	24.43	6.17	77.0	77.0
1830	07/15/98	500	24.20	6.14	76.3	76.3
1831	07/15/98	600	23.95	6.11	75.5	75.5
1832	07/15/98	700	23.75	6.07	74.8	74.8
1833	07/15/98	800	23.58	6.13	75.3	75.3
1834	07/15/98	900	23.64	6.48	79.6	79.6
1835	07/15/98	1000	23.91	7.39	91.3	91.3
1836	07/15/98	1100	24.26	7.67	95.4	95.4
1837	07/15/98	1200	24.78	8.17	102.6	102.6
1838	07/15/98	1300	25.11	8.26	104.4	104.4
1839	07/15/98	1400	25.39	8.48	107.7	107.7
1840	07/15/98	1500	25.67	8.79	112.3	112.3
1841	07/15/98	1600	25.88	9.12	116.9	116.9
1842	07/15/98	1700	25.91	9.08	116.8	116.8
1843	07/15/98	1800	25.82	8.26	105.8	105.8
1844	07/15/98	1900	25.58	7.86	100.1	100.1
1845	07/15/98	2000	25.28	7.28	92.3	92.3
1846	07/15/98	2100	25.09	6.84	86.4	86.4
1847	07/15/98	2200	24.94	6.52	82.2	82.2
1848	07/15/98	2300	24.81	6.35	79.8	79.8
1849	07/15/98	0	24.67	6.26	78.4	78.4
1850	07/17/98	100	24.55	6.17	77.2	77.2
1851	07/17/98	200	24.43	6.07	75.7	75.7
1852	07/17/98	300	24.28	6.02	74.9	74.9
1853	07/17/98	400	24.11	5.98	74.1	74.1
1854	07/17/98	500	23.91	5.88	72.6	72.6
1855	07/17/98	600	23.68	5.86	72.2	72.2
1856	07/17/98	700	23.46	5.97	73.1	73.1
1857	07/17/98	800	23.33	6.13	75.0	75.0
1858	07/17/98	900	23.47	6.43	78.8	78.8
1859	07/17/98	1000	23.78	6.91	85.2	85.2
1860	07/17/98	1100	24.20	7.54	93.7	93.7
1861	07/17/98	1200	24.81	7.83	98.4	98.4
1862	07/17/98	1300	25.31	8.19	103.9	103.9
1863	07/17/98	1400	25.59	8.50	106.9	106.9
1864	07/17/98	1500	26.05	8.74	112.3	112.3
1865	07/17/98	1600	26.42	9.04	119.0	119.0
1866	07/17/98	1700	26.33	9.21	117.0	117.0
1867	07/17/98	1800	26.18	9.08	117.0	117.0
1868	07/17/98	1900	25.93	8.53	109.4	109.4
1869	07/17/98	2000	25.61	8.19	94.7	94.7
1870	07/17/98	2100	25.33	7.43	88.2	88.2
1871	07/17/98	2200	25.07	6.58	83.0	83.0
1872	07/17/98	2300	24.83	6.46	81.2	81.2
1873	07/18/98	0	24.63	6.38	79.9	79.9
1874	07/18/98	100	24.43	6.31	78.7	78.7
1875	07/18/98	200	24.33	6.18	77.0	77.0

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO & SATURATION
1876	07/18/98	300	24.20	6.15	76.4
1877	07/18/98	400	23.93	6.05	74.9
1878	07/18/98	500	23.75	5.91	72.8
1879	07/18/98	600	23.55	5.87	72.1
1880	07/18/98	700	23.31	5.88	71.8
1881	07/18/98	800	23.24	6.24	76.1
1882	07/18/98	900	23.37	6.38	78.1
1883	07/18/98	1000	23.69	6.87	84.5
1884	07/18/98	1100	24.26	7.53	93.6
1885	07/18/98	1200	24.79	7.75	97.3
1886	07/18/98	1300	25.30	8.03	101.8
1887	07/18/98	1400	25.67	8.25	105.3
1888	07/18/98	1500	25.99	8.61	110.6
1889	07/18/98	1600	26.14	8.84	113.9
1890	07/18/98	1700	26.16	9.03	116.3
1891	07/18/98	1800	26.03	8.97	115.2
1892	07/18/98	1900	25.89	8.22	105.3
1893	07/18/98	2000	25.69	7.41	84.7
1894	07/18/98	2100	25.60	7.02	89.3
1895	07/18/98	2200	25.37	6.62	84.1
1896	07/18/98	2300	25.28	6.45	81.9
1897	07/19/98	0	25.18	6.24	79.0
1898	07/19/98	100	25.05	6.22	78.5
1899	07/19/98	200	24.92	6.05	76.3
1900	07/19/98	300	24.87	5.95	74.9
1901	07/19/98	400	24.74	5.79	72.7
1902	07/19/98	500	24.57	5.73	71.7
1903	07/19/98	600	24.44	5.63	70.3
1904	07/19/98	700	24.35	5.71	71.2
1905	07/19/98	800	24.31	5.92	73.7
1906	07/19/98	900	24.44	6.12	75.4
1907	07/19/98	1000	24.67	6.57	82.4
1908	07/19/98	1100	25.09	7.12	89.9
1909	07/19/98	1200	25.65	7.35	93.8
1910	07/19/98	1300	25.88	7.65	96.9
1911	07/19/98	1400	26.10	7.77	100.0
1912	07/19/98	1500	26.48	8.34	108.1
1913	07/19/98	1600	26.82	8.77	114.4
1914	07/19/98	1700	26.90	8.91	116.4
1915	07/19/98	1800	26.82	8.78	114.5
1916	07/19/98	1900	26.56	8.25	107.0
1917	07/19/98	2000	26.25	7.17	92.5
1918	07/19/98	2100	26.05	6.64	85.4
1919	07/19/98	2200	25.78	6.35	81.2
1920	07/19/98	2300	25.61	6.27	80.0
1921	07/20/98	0	25.43	6.08	77.3
1922	07/20/98	100	25.22	6.02	76.2
1923	07/20/98	200	25.07	5.94	75.1
1924	07/20/98	300	24.87	5.84	73.5
1925	07/20/98	400	24.74	5.79	72.7
1926	07/20/98	500	24.54	5.68	71.1
1927	07/20/98	600	24.33	5.68	70.7
1928	07/20/98	700	24.15	5.72	71.0
1929	07/20/98	800	24.11	5.81	72.0
1930	07/20/98	900	24.30	6.10	76.0
1931	07/20/98	1000	24.63	6.68	83.6
1932	07/20/98	1100	25.20	7.26	91.9
1933	07/20/98	1200	25.80	7.58	97.0
1934	07/20/98	1300	26.37	7.86	101.7
1935	07/20/98	1400	26.59	8.14	105.7
1936	07/20/98	1500	27.01	7.92	103.7
1937	07/20/98	1600	26.94	8.36	109.2
1938	07/20/98	1700	26.88	7.79	101.6
1939	07/20/98	1800	26.71	7.71	100.3
1940	07/20/98	1900	26.59	7.17	93.1
1941	07/20/98	2000	26.46	6.72	87.1
1942	07/20/98	2100	26.25	6.33	81.7
1943	07/20/98	2200	26.06	6.14	79.0
1944	07/20/98	2300	25.88	5.88	75.5
1945	07/21/98	0	25.71	5.81	74.2
1946	07/21/98	100	25.58	5.80	73.9
1947	07/21/98	200	25.43	5.68	72.2
1948	07/21/98	300	25.41	5.53	70.2
1949	07/21/98	400	25.41	5.49	69.8
1950	07/21/98	500	25.33	5.43	68.9

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
1951	07/21/98	600	25.26	5.45		69.0
1952	07/21/98	700	25.22	5.58		70.6
1953	07/21/98	800	25.24	5.75		72.8
1954	07/21/98	900	25.35	6.02		76.4
1955	07/21/98	1000	25.68	6.84		87.4
1956	07/21/98	1100	26.14	7.39		95.2
1957	07/21/98	1200	26.67	7.79		101.3
1958	07/21/98	1300	27.07	7.93		103.9
1959	07/21/98	1400	27.38	8.27		108.9
1960	07/21/98	1500	27.65	8.44		111.6
1961	07/21/98	1600	27.88	8.70		115.7
1962	07/21/98	1700	27.90	8.68		115.3
1963	07/21/98	1800	27.69	8.25		109.3
1964	07/21/98	1900	27.30	7.83		102.9
1965	07/21/98	2000	26.52	7.21		94.2
1966	07/21/98	2100	26.59	6.73		87.4
1967	07/21/98	2200	26.37	6.48		83.8
1968	07/21/98	2300	26.20	6.25		80.7
1969	07/22/98	0	25.99	6.11		78.5
1970	07/22/98	100	25.78	6.10		78.1
1971	07/22/98	200	25.58	6.05		77.1
1972	07/22/98	300	25.41	6.02		76.5
1973	07/22/98	400	25.24	5.98		75.8
1974	07/22/98	500	25.05	5.93		74.9
1975	07/22/98	600	24.83	5.94		74.7
1976	07/22/98	700	24.65	6.05		75.7
1977	07/22/98	800	24.65	6.16		77.0
1978	07/22/98	900	24.57	6.24		79.3
1979	07/22/98	1000	24.81	6.58		86.4
1980	07/22/98	1100	25.00	7.24		91.4
1981	07/22/98	1200	25.26	7.04		89.2
1982	07/22/98	1300	25.52	7.48		95.3
1983	07/22/98	1400	25.95	7.84		100.7
1984	07/22/98	1500	26.22	8.19		105.6
1985	07/22/98	1600	26.38	8.88		114.0
1986	07/22/98	1700	26.55	8.95		114.4
1987	07/22/98	1800	26.34	8.78		111.8
1988	07/22/98	1900	26.00	8.51		107.7
1989	07/22/98	2000	25.63	8.18		102.8
1990	07/22/98	2100	25.33	7.79		97.4
1991	07/22/98	2200	25.16	7.51		93.6
1992	07/22/98	2300	24.98	7.27		90.3
1993	07/23/98	0	24.77	7.15		88.6
1994	07/23/98	100	24.53	7.03		86.9
1995	07/23/98	200	24.35	7.03		86.3
1996	07/23/98	300	24.20	6.96		85.2
1997	07/23/98	400	24.02	6.85		83.6
1998	07/23/98	500	23.89	6.80		82.7
1999	07/23/98	600	23.69	6.72		81.5
2000	07/23/98	700	23.53	6.73		81.4
2001	07/23/98	800	23.38	6.83		82.3
2002	07/23/98	800	23.36	7.09		85.4
2003	07/23/98	1000	23.60	7.50		90.6
2004	07/23/98	1100	23.89	7.95		96.8
2005	07/23/98	1200	24.18	8.29		101.4
2006	07/23/98	1300	24.62	8.64		106.7
2007	07/23/98	1400	24.75	8.81		109.0
2008	07/23/98	1500	24.85	8.57		106.1
2009	07/23/98	1600	25.12	8.70		108.4
2010	07/23/98	1700	25.10	8.79		109.5
2011	07/23/98	1800	24.75	8.61		106.5
2012	07/23/98	1900	24.44	8.48		104.3
2013	07/23/98	2000	23.98	8.17		99.7
2014	07/23/98	2100	23.71	7.69		93.2
2015	07/23/98	2200	23.49	7.39		89.2
2016	07/23/98	2300	23.29	7.56		80.9
2017	07/24/98	0	23.08	7.47		85.5
2018	07/24/98	100	22.88	7.38		88.1
2019	07/24/98	200	22.72	7.33		87.3
2020	07/24/98	300	22.54	7.30		86.6
2021	07/24/98	400	22.39	7.20		85.2
2022	07/24/98	500	22.27	7.12		84.1
2023	07/24/98	600	22.05	7.06		83.0
2024	07/24/98	700	21.86	7.06		82.6
2025	07/24/98	800	21.82	7.21		84.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
2026	07/24/98	900	21.97	7.56	88.7	88.7
2027	07/24/98	1000	22.22	7.98	94.0	94.0
2028	07/24/98	1100	22.57	8.35	99.1	99.1
2029	07/24/98	1200	22.56	8.42	100.4	100.4
2030	07/24/98	1300	22.63	8.45	103.1	103.1
2031	07/24/98	1400	22.91	8.63	107.7	107.7
2032	07/24/98	1500	23.31	8.95	111.2	111.2
2033	07/24/98	1600	23.47	9.21	112.0	112.0
2034	07/24/98	1700	23.55	9.26	110.8	110.8
2035	07/24/98	1800	23.49	9.18	107.8	107.8
2036	07/24/98	1900	23.36	8.97	103.0	103.0
2037	07/24/98	2000	23.22	8.57	97.9	97.9
2038	07/24/98	2100	23.04	8.18	93.5	93.5
2039	07/24/98	2200	22.88	7.83	91.1	91.1
2040	07/24/98	2300	22.72	7.65	89.7	89.7
2041	07/25/98	0	22.54	7.56	88.2	88.2
2042	07/25/98	100	22.34	7.47	87.2	87.2
2043	07/25/98	200	22.16	7.41	85.8	85.8
2044	07/25/98	300	22.00	7.31	85.0	85.0
2045	07/25/98	400	21.88	7.26	83.4	83.4
2046	07/25/98	500	21.72	7.18	82.6	82.6
2047	07/25/98	600	21.58	7.10	82.5	82.5
2048	07/25/98	700	21.42	7.11	83.6	83.6
2049	07/25/98	800	21.35	7.21	86.2	86.2
2050	07/25/98	900	21.45	7.42	91.6	91.6
2051	07/25/98	1000	21.86	7.82	98.1	98.1
2052	07/25/98	1100	22.45	8.29	105.0	105.0
2053	07/25/98	1200	23.11	8.76	109.5	109.5
2054	07/25/98	1300	23.64	9.04	109.2	109.2
2055	07/25/98	1400	23.52	9.01	109.2	109.2
2056	07/25/98	1500	23.64	9.01	107.0	107.0
2057	07/25/98	1600	23.49	8.85	108.1	108.1
2058	07/25/98	1700	23.51	8.95	108.3	108.3
2059	07/25/98	1800	23.62	8.94	101.9	101.9
2060	07/25/98	1900	23.63	8.71	96.7	96.7
2061	07/25/98	2000	23.38	8.45	92.6	92.6
2062	07/25/98	2100	23.15	8.06	90.4	90.4
2063	07/25/98	2200	22.93	7.75	87.8	87.8
2064	07/25/98	2300	22.75	7.59	85.6	85.6
2065	07/26/98	0	22.54	7.40	84.9	84.9
2066	07/26/98	100	22.43	7.37	82.3	82.3
2067	07/26/98	200	22.23	7.26	81.7	81.7
2068	07/26/98	300	22.04	7.23	81.1	81.1
2069	07/26/98	400	21.89	7.11	81.1	81.1
2070	07/26/98	500	21.72	7.04	82.6	82.6
2071	07/26/98	600	21.56	7.02	81.7	81.7
2072	07/26/98	700	21.40	6.99	82.6	82.6
2073	07/26/98	800	21.43	7.11	86.1	86.1
2074	07/26/98	900	21.50	7.40	90.9	90.9
2075	07/26/98	1000	21.82	7.77	97.3	97.3
2076	07/26/98	1100	22.34	8.23	100.9	100.9
2077	07/26/98	1200	22.70	8.48	103.0	103.0
2078	07/26/98	1300	23.08	8.59	107.7	107.7
2079	07/26/98	1400	23.49	8.92	109.8	109.8
2080	07/26/98	1500	23.76	9.07	109.6	109.6
2081	07/26/98	1600	23.98	9.01	107.4	107.4
2082	07/26/98	1700	24.07	8.97	104.8	104.8
2083	07/26/98	1800	24.02	8.80	101.0	101.0
2084	07/26/98	1900	23.84	8.62	96.2	96.2
2085	07/26/98	2000	23.66	8.33	90.9	90.9
2086	07/26/98	2100	23.47	7.97	85.5	85.5
2087	07/26/98	2200	23.36	7.54	80.3	80.3
2088	07/26/98	2300	23.31	7.44	79.2	79.2
2089	07/27/98	0	23.20	7.15	78.7	78.7
2090	07/27/98	100	23.15	7.05	79.6	79.6
2091	07/27/98	200	23.02	7.04	82.8	82.8
2092	07/27/98	300	22.91	6.97	88.2	88.2
2093	07/27/98	400	22.90	6.86	94.7	94.7
2094	07/27/98	500	22.82	6.73	88.2	88.2
2095	07/27/98	600	22.72	6.65	82.7	82.7
2096	07/27/98	700	22.64	6.62	78.7	78.7
2097	07/27/98	800	22.63	6.70	82.8	82.8
2098	07/27/98	900	22.73	6.95	88.2	88.2
2099	07/27/98	1000	23.06	7.36	94.7	94.7
2100	07/27/98	1100	23.55	7.83	88.2	88.2

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2101	07/27/98	1200	24.06	8.26	100.8	100.8
2102	07/27/98	1300	24.61	8.64	106.6	106.6
2103	07/27/98	1400	25.09	8.86	110.3	110.3
2104	07/27/98	1500	25.44	8.96	112.2	112.2
2105	07/27/98	1600	25.63	8.82	110.9	110.9
2106	07/27/98	1700	25.65	9.00	113.2	113.2
2107	07/27/98	1800	25.53	8.40	105.5	105.5
2108	07/27/98	1900	25.29	8.51	106.3	106.3
2109	07/27/98	2000	24.90	8.04	99.7	99.7
2110	07/27/98	2100	24.59	7.56	93.2	93.2
2111	07/27/98	2200	24.33	7.26	89.1	89.1
2112	07/27/98	2300	24.17	7.12	87.1	87.1
2113	07/28/98	0	23.87	6.95	84.6	84.6
2114	07/28/98	100	23.69	7.02	85.1	85.1
2115	07/28/98	200	23.44	6.86	82.8	82.8
2116	07/28/98	300	23.20	6.76	81.2	81.2
2117	07/28/98	400	23.00	6.68	80.0	80.0
2118	07/28/98	500	22.79	6.60	78.6	78.6
2119	07/28/98	600	22.55	6.53	77.4	77.4
2120	07/28/98	700	22.39	6.58	77.8	77.8
2121	07/28/98	800	22.39	6.80	80.4	80.4
2122	07/28/98	900	22.48	7.12	84.4	84.4
2123	07/28/98	1000	22.75	6.95	82.8	82.8
2124	07/28/98	1100	23.13	7.84	94.1	94.1
2125	07/28/98	1200	23.13	7.60	91.2	91.2
2126	07/28/98	1300	23.02	7.41	88.7	88.7
2127	07/28/98	1400	23.24	7.80	93.8	93.8
2128	07/28/98	1500	23.67	7.10	85.0	85.0
2129	07/28/98	1600	24.20	8.19	100.3	100.3
2130	07/28/98	1700	24.35	8.11	99.6	99.6
2131	07/28/98	1800	24.22	8.05	98.6	98.6
2132	07/28/98	1900	23.86	7.75	94.2	94.2
2133	07/28/98	2000	23.46	7.38	89.1	89.1
2134	07/28/98	2100	23.11	6.99	83.8	83.8
2135	07/28/98	2200	22.91	6.83	81.6	81.6
2136	07/28/98	2300	22.77	6.48	77.3	77.3
2137	07/29/98	0	22.61	6.45	76.8	76.8
2138	07/29/98	100	22.41	5.81	68.7	68.7
2139	07/29/98	200	22.25	6.40	75.5	75.5
2140	07/29/98	300	22.13	6.50	76.5	76.5
2141	07/29/98	400	21.95	6.44	75.5	75.5
2142	07/29/98	500	21.82	6.58	77.0	77.0
2143	07/29/98	600	21.65	6.31	73.6	73.6
2144	07/29/98	700	21.56	6.41	74.6	74.6
2145	07/29/98	800	21.49	6.35	75.0	75.0
2146	07/29/98	900	21.63	6.27	75.0	75.0
2147	07/29/98	1000	21.93	6.77	79.3	79.3
2148	07/29/98	1100	22.52	7.08	83.9	83.9
2149	07/29/98	1200	23.11	7.13	85.5	85.5
2150	07/29/98	1300	23.75	7.32	88.9	88.9
2151	07/29/98	1400	24.17	7.25	88.6	88.6
2152	07/29/98	1500	24.50	7.92	97.8	97.8
2153	07/29/98	1600	24.74	8.55	106.7	106.7
2154	07/29/98	1700	24.94	8.22	102.1	102.1
2155	07/29/98	1800	24.88	7.92	98.2	98.2
2156	07/29/98	1900	24.72	7.57	93.6	93.6
2157	07/29/98	2000	24.44	6.90	86.4	86.4
2158	07/29/98	2100	24.28	6.38	84.5	84.5
2159	07/29/98	2200	24.06	5.93	77.9	77.9
2160	07/29/98	2300	23.91	5.93	72.2	72.2
2161	07/30/98	0	23.80	5.71	69.4	69.4
2162	07/30/98	100	23.75	6.09	73.9	73.9
2163	07/30/98	200	23.56	6.74	81.6	81.6
2164	07/30/98	300	23.42	6.69	80.7	80.7
2165	07/30/98	400	23.24	6.66	80.1	80.1
2166	07/30/98	500	23.06	6.64	79.6	79.6
2167	07/30/98	600	22.82	6.55	78.1	78.1
2168	07/30/98	700	22.72	6.58	78.4	78.4
2169	07/30/98	800	22.54	6.58	78.4	78.4
2170	07/30/98	900	22.57	6.86	81.4	81.4
2171	07/30/98	1000	22.88	7.36	87.9	87.9
2172	07/30/98	1100	23.35	7.86	94.7	94.7
2173	07/30/98	1200	23.96	8.36	101.9	101.9
2174	07/30/98	1300	24.31	8.52	104.6	104.6
2175	07/30/98	1400	24.39	8.30	102.0	102.0

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
2176	07/30/98	1500	24.35	8.59	105.5	105.5
2177	07/30/98	1600	24.33	8.80	108.0	108.0
2178	07/30/98	1700	24.29	8.88	108.8	108.8
2179	07/30/98	1800	24.24	8.61	105.4	105.4
2180	07/30/98	1900	24.04	8.37	102.2	102.2
2181	07/30/98	2000	23.76	7.95	96.5	96.5
2182	07/30/98	2100	23.46	7.59	91.6	91.6
2183	07/30/98	2200	23.22	7.25	87.2	87.2
2184	07/30/98	2300	22.99	7.15	85.6	85.6
2185	07/31/98	0	22.79	6.98	83.2	83.2
2186	07/31/98	100	22.57	6.90	82.0	82.0
2187	07/31/98	200	22.30	6.90	81.6	81.6
2188	07/31/98	300	22.05	6.81	80.0	80.0
2189	07/31/98	400	21.84	6.77	79.3	79.3
2190	07/31/98	500	21.58	6.64	77.3	77.3
2191	07/31/98	600	21.36	6.59	77.5	77.5
2192	07/31/98	700	21.21	6.73	77.8	77.8
2193	07/31/98	800	21.13	6.93	80.5	80.5
2194	07/31/98	900	21.19	6.09	70.4	70.4
2195	07/31/98	1000	21.52	6.56	76.3	76.3
2196	07/31/98	1100	22.13	7.20	84.8	84.8
2197	07/31/98	1200	22.82	8.56	102.1	102.1
2198	07/31/98	1300	23.20	8.91	107.0	107.0
2199	07/31/98	1400	23.53	8.75	105.8	105.8
2200	07/31/98	1500	23.82	8.97	109.1	109.1
2201	07/31/98	1600	23.87	8.79	106.9	106.9
2202	07/31/98	1700	24.07	8.83	107.9	107.9
2203	07/31/98	1800	23.98	8.67	105.7	105.7
2204	07/31/98	1900	23.95	8.74	106.4	106.4
2205	07/31/98	2000	23.75	8.09	98.3	98.3
2206	07/31/98	2100	23.51	7.66	92.6	92.6
2207	07/31/98	2200	23.27	7.37	88.7	88.7
2208	07/31/98	2300	23.08	7.15	85.6	85.6
2209	08/01/98	0	22.93	7.05	84.3	84.3
2210	08/01/98	100	22.73	6.91	82.2	82.2
2211	08/01/98	200	22.52	6.76	80.2	80.2
2212	08/01/98	300	22.43	6.76	80.1	80.1
2213	08/01/98	400	22.25	6.68	78.8	78.8
2214	08/01/98	500	22.09	6.57	77.3	77.3
2215	08/01/98	600	21.89	6.52	76.4	76.4
2216	08/01/98	700	21.74	6.61	77.3	77.3
2217	08/01/98	800	21.72	6.81	79.5	79.5
2218	08/01/98	900	21.84	6.98	81.7	81.7
2219	08/01/98	1000	22.14	7.50	88.3	88.3
2220	08/01/98	1100	22.66	7.97	94.8	94.8
2221	08/01/98	1200	23.31	8.42	101.4	101.4
2222	08/01/98	1300	23.82	8.75	106.4	106.4
2223	08/01/98	1400	24.11	8.85	108.2	108.2
2224	08/01/98	1500	24.51	9.46	116.5	116.5
2225	08/01/98	1600	24.48	9.00	110.7	110.7
2226	08/01/98	1700	24.38	9.37	115.1	115.1
2227	08/01/98	1800	24.20	8.47	103.6	103.6
2228	08/01/98	1900	23.95	8.04	98.1	98.1
2229	08/01/98	2000	23.75	7.67	93.1	93.1
2230	08/01/98	2100	23.55	7.07	85.5	85.5
2231	08/01/98	2200	23.35	6.96	83.8	83.8
2232	08/02/98	2300	23.22	6.54	78.6	78.6
2233	08/02/98	0	23.11	6.27	75.2	75.2
2234	08/02/98	100	23.05	6.56	78.6	78.6
2235	08/02/98	200	23.00	6.70	80.2	80.2
2236	08/02/98	300	22.90	6.58	78.6	78.6
2237	08/02/98	400	22.79	6.54	78.0	78.0
2238	08/02/98	500	22.66	6.52	77.5	77.5
2239	08/02/98	600	22.45	6.52	77.2	77.2
2240	08/02/98	700	22.38	6.51	77.0	77.0
2241	08/02/98	800	22.34	6.71	79.3	79.3
2242	08/02/98	900	22.39	7.04	83.3	83.3
2243	08/02/98	1000	22.66	7.42	88.2	88.2
2244	08/02/98	1100	23.06	8.00	94.4	94.4
2245	08/02/98	1200	23.62	8.70	106.5	106.5
2246	08/02/98	1300	24.22	8.94	110.3	110.3
2247	08/02/98	1400	24.64	9.22	114.8	114.8
2248	08/02/98	1500	25.12	8.87	110.4	110.4
2249	08/02/98	1600	25.07	8.23	102.4	102.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2251	08/02/98	1800	24.83	8.16	101.0	101.0
2252	08/02/98	1900	24.64	7.86	97.0	97.0
2253	08/02/98	2000	24.46	7.40	91.0	91.0
2254	08/02/98	2100	24.31	7.22	88.6	88.6
2255	08/02/98	2200	24.17	6.82	83.5	83.5
2256	08/02/98	2300	24.02	6.72	82.1	82.1
2257	08/03/98	0	23.93	6.75	82.2	82.2
2258	08/03/98	100	23.80	6.68	81.2	81.2
2259	08/03/98	200	23.73	6.54	79.4	79.4
2260	08/03/98	300	23.55	6.36	77.0	77.0
2261	08/03/98	400	23.51	6.41	77.5	77.5
2262	08/03/98	500	23.40	6.25	75.4	75.4
2263	08/03/98	600	23.33	6.21	74.8	74.8
2264	08/03/98	700	23.24	6.16	74.1	74.1
2265	08/03/98	800	23.22	6.35	76.3	76.3
2266	08/03/98	900	23.33	6.75	81.3	81.3
2267	08/03/98	1000	23.60	7.20	87.1	87.1
2268	08/03/98	1100	23.89	7.44	90.6	90.6
2269	08/03/98	1200	24.17	7.78	95.2	95.2
2270	08/03/98	1300	24.29	7.59	93.1	93.1
2271	08/03/98	1400	24.22	7.72	94.7	94.7
2272	08/03/98	1500	24.35	8.17	100.3	100.3
2273	08/03/98	1600	24.55	8.09	99.7	99.7
2274	08/03/98	1700	24.55	8.22	101.2	101.2
2275	08/03/98	1800	24.66	7.96	98.3	98.3
2276	08/03/98	1900	24.46	7.54	92.7	92.7
2277	08/03/98	2000	24.24	7.67	92.7	92.7
2278	08/03/98	2100	23.96	7.31	89.2	89.2
2279	08/03/98	2200	23.73	6.73	81.6	81.6
2280	08/03/98	2300	23.56	6.93	83.8	83.8
2281	08/04/98	0	23.51	6.73	81.4	81.4
2282	08/04/98	100	23.47	6.78	81.9	81.9
2283	08/04/98	200	23.38	6.59	79.5	79.5
2284	08/04/98	300	23.31	6.48	78.0	78.0
2285	08/04/98	400	23.24	6.46	77.6	77.6
2286	08/04/98	500	23.11	6.34	76.0	76.0
2287	08/04/98	600	23.00	6.15	73.6	73.6
2288	08/04/98	700	22.95	6.26	74.8	74.8
2289	08/04/98	800	22.97	6.43	77.0	77.0
2290	08/04/98	900	23.06	6.70	80.3	80.3
2291	08/04/98	1000	23.11	7.01	84.1	84.1
2292	08/04/98	1100	23.27	7.30	87.8	87.8
2293	08/04/98	1200	23.46	7.60	91.7	91.7
2294	08/04/98	1300	23.75	7.72	93.7	93.7
2295	08/04/98	1400	23.87	7.67	93.3	93.3
2296	08/04/98	1500	23.84	8.11	98.6	98.6
2297	08/04/98	1600	23.84	7.61	92.5	92.5
2298	08/04/98	1700	23.69	7.37	89.4	89.4
2299	08/04/98	1800	23.51	7.12	86.0	86.0
2300	08/04/98	1900	23.36	7.09	85.4	85.4
2301	08/04/98	2000	23.26	6.80	81.8	81.8
2302	08/04/98	2100	23.20	6.75	81.1	81.1
2303	08/04/98	2200	23.11	6.66	79.9	79.9
2304	08/04/98	2300	23.04	6.13	73.5	73.5
2305	08/05/98	0	23.02	6.40	76.6	76.6
2306	08/05/98	100	22.90	6.11	73.0	73.0
2307	08/05/98	200	22.84	6.43	76.7	76.7
2308	08/05/98	300	22.79	6.45	76.9	76.9
2309	08/05/98	400	22.73	6.42	76.4	76.4
2310	08/05/98	500	22.64	6.35	75.5	75.5
2311	08/05/98	600	22.54	6.27	74.1	74.1
2312	08/05/98	700	22.48	6.22	74.3	74.3
2313	08/05/98	800	22.43	6.22	73.6	73.6
2314	08/05/98	900	22.48	6.39	75.7	75.7
2315	08/05/98	1000	22.63	6.70	79.7	79.7
2316	08/05/98	1100	22.86	7.00	83.6	83.6
2317	08/05/98	1200	23.15	7.34	88.1	88.1
2318	08/05/98	1300	23.51	7.75	93.6	93.6
2319	08/05/98	1400	23.86	7.93	96.5	96.5
2320	08/05/98	1500	23.96	7.90	96.3	96.3
2321	08/05/98	1600	23.96	7.86	95.8	95.8
2322	08/05/98	1700	23.98	8.01	97.6	97.6
2323	08/05/98	1800	23.93	7.81	95.2	95.2
2324	08/05/98	1900	23.82	7.52	91.4	91.4
2325	08/05/98	2000	23.67	7.21	87.4	87.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2325	08/05/98	2100	23.58	6.84	82.7	82.7
2327	08/05/98	2200	23.47	6.68	80.6	80.6
2328	08/05/98	2300	23.36	6.48	78.1	78.1
2329	08/05/98	0	23.31	6.43	77.4	77.4
2330	08/05/98	100	23.24	6.46	77.7	77.7
2331	08/05/98	200	23.18	6.32	75.9	75.9
2332	08/05/98	300	23.13	6.24	74.9	74.9
2333	08/05/98	400	23.02	6.23	74.6	74.6
2334	08/05/98	500	22.95	6.06	72.4	72.4
2335	08/05/98	600	22.84	6.11	72.9	72.9
2336	08/05/98	700	22.82	6.18	73.8	73.8
2337	08/05/98	800	22.75	6.11	72.8	72.8
2338	08/05/98	900	22.63	6.21	73.7	73.7
2339	08/05/98	1000	22.54	6.48	76.9	76.9
2340	08/05/98	1100	22.57	6.76	80.2	80.2
2341	08/05/98	1200	22.66	7.78	93.9	93.9
2342	08/05/98	1300	22.84	8.05	97.5	97.5
2343	08/05/98	1400	22.96	8.19	99.6	99.6
2344	08/05/98	1500	22.93	8.21	99.6	99.6
2345	08/05/98	1600	22.91	8.15	98.8	98.8
2346	08/05/98	1700	22.78	8.04	97.2	97.2
2347	08/05/98	1800	22.66	7.84	94.6	94.6
2348	08/05/98	1900	22.55	7.66	92.2	92.2
2349	08/05/98	2000	22.46	7.42	89.3	89.3
2350	08/05/98	2100	22.39	7.35	88.2	88.2
2351	08/05/98	2200	22.32	7.24	86.8	86.8
2352	08/05/98	2300	22.26	7.17	85.9	85.9
2353	08/07/98	0	22.23	7.12	85.3	85.3
2354	08/07/98	100	22.19	7.18	85.9	85.9
2355	08/07/98	200	22.17	7.09	84.7	84.7
2356	08/07/98	300	22.12	6.98	83.4	83.4
2357	08/07/98	400	22.12	6.95	83.0	83.0
2358	08/07/98	500	22.12	6.95	83.0	83.0
2359	08/07/98	600	22.08	6.90	82.3	82.3
2360	08/07/98	700	22.10	6.91	82.6	82.6
2361	08/07/98	800	22.10	6.97	83.3	83.3
2362	08/07/98	900	22.12	7.02	83.8	83.8
2363	08/07/98	1000	22.25	7.28	87.3	87.3
2364	08/07/98	1100	22.53	7.69	92.6	92.6
2365	08/07/98	1200	22.71	7.91	95.5	95.5
2366	08/07/98	1300	22.85	7.99	96.8	96.8
2367	08/07/98	1400	23.05	8.19	99.6	99.6
2368	08/07/98	1500	23.23	8.31	101.4	101.4
2369	08/07/98	1600	23.27	8.23	100.5	100.5
2370	08/07/98	1700	23.40	8.27	101.2	101.2
2371	08/07/98	1800	23.52	8.35	102.4	102.4
2372	08/07/98	1900	23.52	8.22	100.9	100.9
2373	08/07/98	2000	23.45	7.91	96.9	96.9
2374	08/07/98	2100	23.36	7.56	92.4	92.4
2375	08/07/98	2200	23.27	7.31	89.2	89.2
2376	08/07/98	2300	23.22	7.15	87.2	87.2
2377	08/08/98	0	23.18	7.12	86.8	86.8
2378	08/08/98	100	23.16	7.03	85.7	85.7
2379	08/08/98	200	23.11	6.91	84.1	84.1
2380	08/08/98	300	23.07	6.88	83.8	83.8
2381	08/08/98	400	23.03	6.72	81.7	81.7
2382	08/08/98	500	22.98	6.66	80.9	80.9
2383	08/08/98	600	22.96	6.69	81.3	81.3
2384	08/08/98	700	22.93	6.63	80.5	80.5
2385	08/08/98	800	22.94	6.68	81.0	81.0
2386	08/08/98	900	23.07	6.93	84.3	84.3
2387	08/08/98	1000	23.29	7.22	88.2	88.2
2388	08/08/98	1100	23.56	7.46	91.7	91.7
2389	08/08/98	1200	23.85	7.65	94.4	94.4
2390	08/08/98	1300	24.31	7.99	99.5	99.5
2391	08/08/98	1400	24.81	8.16	102.6	102.6
2392	08/08/98	1500	24.90	8.08	101.7	101.7
2393	08/08/98	1600	24.70	7.88	98.8	98.8
2394	08/08/98	1700	24.31	7.56	94.1	94.1
2395	08/08/98	1800	24.05	7.42	91.9	91.9
2396	08/08/98	1900	23.96	7.39	91.5	91.5
2397	08/08/98	2000	23.91	7.40	91.5	91.5
2398	08/08/98	2100	23.78	7.24	89.3	89.3
2399	08/08/98	2200	23.61	7.01	86.2	86.2
2400	08/08/98	2300	23.49	6.97	85.4	85.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2401	08/09/98	0	23.40	6.86		84.0
2402	08/09/98	100	23.32	6.77		82.7
2403	08/09/98	200	23.29	6.79		83.0
2404	08/09/98	300	23.18	6.78		82.7
2405	08/09/98	400	23.03	6.67		81.1
2406	08/09/98	500	22.87	6.66		80.7
2407	08/09/98	600	22.75	6.64		80.3
2408	08/09/98	700	22.64	6.69		80.7
2409	08/09/98	800	22.60	6.83		82.3
2410	08/09/98	900	22.66	7.06		85.2
2411	08/09/98	1000	22.98	7.40		89.8
2412	08/09/98	1100	23.56	7.89		96.9
2413	08/09/98	1200	24.03	8.21		101.7
2414	08/09/98	1300	24.57	8.40		105.1
2415	08/09/98	1400	24.75	8.48		106.5
2416	08/09/98	1500	24.99	8.59		108.3
2417	08/09/98	1600	25.25	8.67		109.8
2418	08/09/98	1700	25.44	8.62		109.6
2419	08/09/98	1800	25.53	8.66		109.1
2420	08/09/98	1900	25.40	8.32		105.7
2421	08/09/98	2000	25.23	7.98		101.1
2422	08/09/98	2100	25.07	7.52		96.3
2423	08/09/98	2200	24.95	7.34		92.5
2424	08/09/98	2300	24.82	7.11		89.4
2425	08/10/98	0	24.71	7.04		88.3
2426	08/10/98	100	24.58	6.97		87.2
2427	08/10/98	200	24.44	6.87		85.8
2428	08/10/98	300	24.31	6.76		84.2
2429	08/10/98	400	24.16	6.70		83.2
2430	08/10/98	500	24.02	6.62		82.0
2431	08/10/98	600	23.87	6.53		80.7
2432	08/10/98	700	23.71	6.54		81.8
2433	08/10/98	800	23.61	6.80		83.5
2434	08/10/98	900	23.69	7.13		87.8
2435	08/10/98	1000	23.89	7.55		93.3
2436	08/10/98	1100	24.35	8.13		101.2
2437	08/10/98	1200	24.90	8.54		107.5
2438	08/10/98	1300	25.34	8.82		112.0
2439	08/10/98	1400	25.44	8.80		112.0
2440	08/10/98	1500	25.64	8.96		114.3
2441	08/10/98	1600	25.77	8.91		114.0
2442	08/10/98	1700	25.83	8.86		113.4
2443	08/10/98	1800	25.72	8.82		112.8
2444	08/10/98	1900	25.46	8.53		108.6
2445	08/10/98	2000	25.14	7.97		100.6
2446	08/10/98	2100	24.82	7.57		95.2
2447	08/10/98	2200	24.58	7.35		92.1
2448	08/10/98	2300	24.40	7.16		89.4
2449	08/11/98	0	24.20	7.06		87.7
2450	08/11/98	100	24.03	6.97		86.4
2451	08/11/98	200	23.83	7.01		86.5
2452	08/11/98	300	23.76	6.93		85.6
2453	08/11/98	400	23.61	6.90		84.8
2454	08/11/98	500	23.60	6.85		84.1
2455	08/11/98	600	23.47	6.80		83.4
2456	08/11/98	700	23.34	6.77		82.8
2457	08/11/98	800	23.27	6.90		84.3
2458	08/11/98	900	23.16	7.21		87.9
2459	08/11/98	1000	23.34	7.59		92.8
2460	08/11/98	1100	23.58	8.16		100.2
2461	08/11/98	1200	23.84	8.12		100.4
2462	08/11/98	1300	24.16	8.66		107.6
2463	08/11/98	1400	24.46	8.91		111.2
2464	08/11/98	1500	24.68	8.75		109.7
2465	08/11/98	1600	24.97	8.99		113.3
2466	08/11/98	1700	25.12	8.96		113.2
2467	08/11/98	1800	25.08	8.94		112.9
2468	08/11/98	1900	24.81	8.54		107.4
2469	08/11/98	2000	24.53	8.08		101.2
2470	08/11/98	2100	24.29	7.60		94.6
2471	08/11/98	2200	24.09	7.32		90.7
2472	08/11/98	2300	23.81	7.16		88.3
2473	08/12/98	0	23.60	7.13		87.6
2474	08/12/98	100	23.40	7.08		86.6
2475	08/12/98	200	23.16	6.98		85.2

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
2476	08/12/98	300	23.00	6.95	84.5	84.5
2477	08/12/98	400	22.87	6.90	83.6	83.6
2478	08/12/98	500	22.71	6.85	82.8	82.8
2479	08/12/98	600	22.57	6.83	82.4	82.4
2480	08/12/98	700	22.41	6.89	84.1	84.1
2481	08/12/98	800	22.25	7.02	88.1	88.1
2482	08/12/98	900	22.30	7.34	95.5	95.5
2483	08/12/98	1000	22.44	7.95	102.7	102.7
2484	08/12/98	1100	22.87	8.48	109.1	109.1
2485	08/12/98	1200	23.43	8.90	114.5	114.5
2486	08/12/98	1300	24.00	9.25	117.9	117.9
2487	08/12/98	1400	24.51	9.43	119.8	119.8
2488	08/12/98	1500	24.92	9.51	120.5	120.5
2489	08/12/98	1600	25.21	9.52	118.4	118.4
2490	08/12/98	1700	25.29	9.34	116.3	116.3
2491	08/12/98	1800	25.27	9.17	110.9	110.9
2492	08/12/98	1900	24.99	8.79	103.1	103.1
2493	08/12/98	2000	24.68	8.22	97.2	97.2
2494	08/12/98	2100	24.40	7.79	93.3	93.3
2495	08/12/98	2200	24.16	7.51	88.4	88.4
2496	08/12/98	2300	24.00	7.30	87.2	87.2
2497	08/13/98	0	23.81	7.17	86.1	86.1
2498	08/13/98	100	23.67	7.09	84.1	84.1
2499	08/13/98	200	23.58	7.01	82.6	82.6
2500	08/13/98	300	23.41	6.87	81.8	81.8
2501	08/13/98	400	23.27	6.83	81.8	81.8
2502	08/13/98	500	23.05	6.79	81.8	81.8
2503	08/13/98	600	22.87	6.75	85.4	85.4
2504	08/13/98	700	22.68	6.78	89.5	89.5
2505	08/13/98	800	22.60	7.08	97.1	97.1
2506	08/13/98	900	22.82	7.42	103.1	103.1
2507	08/13/98	1000	22.84	8.02	110.2	110.2
2508	08/13/98	1100	23.25	8.45	114.3	114.3
2509	08/13/98	1200	23.61	8.97	116.3	116.3
2510	08/13/98	1300	24.09	9.21	119.4	119.4
2511	08/13/98	1400	24.27	9.34	117.1	117.1
2512	08/13/98	1500	24.37	9.38	115.4	115.4
2513	08/13/98	1600	24.53	9.36	107.7	107.7
2514	08/13/98	1700	24.58	9.22	100.2	100.2
2515	08/13/98	1800	24.55	9.11	95.3	95.3
2516	08/13/98	1900	24.44	8.62	89.2	89.2
2517	08/13/98	2000	24.22	8.06	85.5	85.5
2518	08/13/98	2100	24.00	7.70	84.1	84.1
2519	08/13/98	2200	23.83	7.40	82.8	82.8
2520	08/13/98	2300	23.69	7.40	81.1	81.1
2521	08/14/98	0	23.52	7.25	79.8	79.8
2522	08/14/98	100	23.41	7.06	79.8	79.8
2523	08/14/98	200	23.32	6.98	79.8	79.8
2524	08/14/98	300	23.22	6.88	79.8	79.8
2525	08/14/98	400	23.05	6.79	79.8	79.8
2526	08/14/98	500	22.88	6.67	79.8	79.8
2527	08/14/98	600	22.75	6.58	79.8	79.8
2528	08/14/98	700	22.69	6.60	79.8	79.8
2529	08/14/98	800	22.66	6.68	79.8	79.8
2530	08/14/98	900	22.80	6.86	80.8	80.8
2531	08/14/98	1000	22.94	7.27	88.1	88.1
2532	08/14/98	1100	23.36	8.05	97.7	97.7
2533	08/14/98	1200	23.65	8.54	104.5	104.5
2534	08/14/98	1300	23.78	8.34	102.5	102.5
2535	08/14/98	1400	24.07	8.77	100.7	100.7
2536	08/14/98	1500	24.24	9.04	112.1	112.1
2537	08/14/98	1600	24.24	8.47	105.3	105.3
2538	08/14/98	1700	23.67	8.05	99.8	99.8
2539	08/14/98	1800	23.52	7.67	94.4	94.4
2540	08/14/98	1900	23.51	7.90	97.0	97.0
2541	08/14/98	2000	23.40	7.86	96.4	96.4
2542	08/14/98	2100	23.25	7.56	92.5	92.5
2543	08/14/98	2200	23.03	7.26	88.7	88.7
2544	08/14/98	2300	22.87	7.03	85.5	85.5
2545	08/15/98	0	22.73	6.86	83.1	83.1
2546	08/15/98	100	22.66	6.77	81.9	81.9
2547	08/15/98	200	22.54	6.71	80.8	80.8
2548	08/15/98	300	22.39	6.62	79.5	79.5
2549	08/15/98	400	22.25	6.61	79.1	79.1
2550	08/15/98	500	22.05	6.50	77.6	77.6

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
2551	08/15/98	600	21.87	6.46	76.8
2552	08/15/98	700	21.76	6.55	77.7
2553	08/15/98	800	21.68	6.73	79.7
2554	08/15/98	900	21.69	6.98	82.8
2555	08/15/98	1000	21.92	7.76	92.3
2556	08/15/98	1100	22.37	8.41	100.9
2557	08/15/98	1200	22.93	8.86	107.5
2558	08/15/98	1300	23.84	8.63	105.9
2559	08/15/98	1400	23.89	8.83	109.1
2560	08/15/98	1500	24.02	8.85	109.6
2561	08/15/98	1600	24.36	9.21	114.8
2562	08/15/98	1700	24.51	9.27	115.9
2563	08/15/98	1800	24.49	9.31	116.4
2564	08/15/98	1900	24.31	8.70	108.3
2565	08/15/98	2000	24.00	7.99	98.9
2566	08/15/98	2100	23.67	7.56	93.0
2567	08/15/98	2200	23.38	7.21	88.3
2568	08/15/98	2300	23.09	7.03	85.6
2569	08/15/98	0	22.88	6.97	84.4
2570	08/15/98	100	22.60	6.91	83.4
2571	08/15/98	200	22.35	6.91	82.9
2572	08/15/98	300	22.19	6.77	81.0
2573	08/15/98	400	21.95	6.70	79.8
2574	08/15/98	500	21.85	6.58	77.7
2575	08/15/98	600	21.54	6.67	77.7
2576	08/15/98	700	21.41	6.67	78.6
2577	08/15/98	800	21.27	6.68	78.5
2578	08/15/98	900	21.30	6.94	81.7
2579	08/15/98	1000	21.59	7.73	91.4
2580	08/15/98	1100	22.10	8.01	95.7
2581	08/15/98	1200	22.66	8.81	106.3
2582	08/15/98	1300	23.22	9.08	110.8
2583	08/15/98	1400	23.65	9.21	113.2
2584	08/15/98	1600	24.03	9.24	114.4
2585	08/15/98	1700	24.31	9.21	114.7
2586	08/15/98	1800	24.40	9.21	114.9
2587	08/15/98	1900	24.27	8.68	108.0
2588	08/15/98	2000	24.05	8.24	102.2
2589	08/15/98	2100	23.85	7.79	96.2
2590	08/15/98	2200	23.65	7.42	91.3
2591	08/15/98	2300	23.52	7.15	87.7
2592	08/15/98	0	23.38	7.02	86.0
2593	08/17/98	0	23.32	6.87	84.0
2594	08/17/98	100	23.18	6.81	83.0
2595	08/17/98	200	23.16	6.69	81.5
2596	08/17/98	300	23.09	6.61	80.4
2597	08/17/98	400	23.11	6.51	79.2
2598	08/17/98	500	23.05	6.48	78.8
2599	08/17/98	600	22.98	6.38	77.5
2600	08/17/98	700	22.89	6.40	77.6
2601	08/17/98	800	22.82	6.52	79.0
2602	08/17/98	900	22.80	6.81	82.6
2603	08/17/98	1000	22.94	7.27	88.2
2604	08/17/98	1100	23.34	8.15	99.6
2605	08/17/98	1200	23.80	8.26	101.8
2606	08/17/98	1300	24.27	8.68	108.0
2607	08/17/98	1400	24.38	8.34	104.0
2608	08/17/98	1500	24.07	8.06	99.9
2609	08/17/98	1600	23.74	8.08	98.5
2610	08/17/98	1700	23.63	8.16	100.2
2611	08/17/98	1800	23.51	8.04	98.6
2612	08/17/98	1900	23.34	7.78	95.1
2613	08/17/98	2000	23.09	7.48	91.1
2614	08/17/98	2100	22.75	7.21	87.1
2615	08/17/98	2200	22.50	7.01	84.4
2616	08/17/98	2300	22.21	6.87	82.3
2617	08/18/98	0	22.12	6.84	81.7
2618	08/18/98	100	21.91	6.77	80.6
2619	08/18/98	200	21.73	6.78	80.4
2620	08/18/98	300	21.51	6.70	79.1
2621	08/18/98	400	21.21	6.71	78.8
2622	08/18/98	500	20.99	6.67	78.0
2623	08/18/98	600	20.78	6.67	77.6
2624	08/18/98	700	20.52	6.65	77.0
2625	08/18/98	800	20.45	6.79	78.5

CHALK HILL/WHITE RAPIDS HWY 2 STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2626	08/18/98	900	20.35	7.00	80.8	80.8
2627	08/18/98	1000	20.50	7.89	89.0	89.0
2628	08/18/98	1100	20.52	8.28	96.6	96.6
2629	08/18/98	1200	21.57	8.75	103.5	103.5
2630	08/18/98	1300	22.25	9.08	108.8	108.8
2631	08/18/98	1400	22.89	9.27	112.4	112.4
2632	08/18/98	1500	23.36	9.42	115.2	115.2
2633	08/18/98	1600	23.65	9.28	114.1	114.1
2634	08/18/98	1700	23.89	9.34	115.4	115.4
2635	08/18/98	1800	23.83	8.99	110.6	110.6
2636	08/18/98	1900	23.36	8.69	106.0	106.0
2637	08/18/98	2000	23.05	8.06	98.0	98.0
2638	08/18/98	2100	22.82	7.65	92.7	92.7
2639	08/18/98	2200	22.62	7.47	90.1	90.1
2640	08/18/98	2300	22.50	7.28	87.6	87.6
2641	08/19/98	0	22.37	7.18	86.2	86.2
2642	08/19/98	100	22.30	7.11	85.3	85.3
2643	08/19/98	200	22.16	7.02	83.9	83.9
2644	08/19/98	300	21.99	6.91	82.3	82.3
2645	08/19/98	400	21.87	6.82	81.0	81.0
2646	08/19/98	500	21.73	6.77	80.3	80.3
2647	08/19/98	600	21.61	6.66	78.8	78.8
2648	08/19/98	700	21.47	6.70	79.0	79.0
2649	08/19/98	800	21.48	6.94	81.9	81.9
2650	08/19/98	900	21.57	7.21	85.3	85.3
2651	08/19/98	1000	21.60	7.67	91.1	91.1
2652	08/19/98	1100	21.87	7.73	91.9	91.9
2653	08/19/98	1200	21.89	7.94	94.4	94.4
2654	08/19/98	1300	21.91	8.11	96.5	96.5
2655	08/19/98	1400	22.14	8.51	101.8	101.8
2656	08/19/98	1500	22.62	8.89	107.3	107.3
2657	08/19/98	1600	23.00	8.97	108.9	108.9
2658	08/19/98	1700	23.16	8.98	109.4	109.4
2659	08/19/98	1800	23.05	8.70	105.8	105.8
2660	08/19/98	1900	22.80	8.41	101.7	101.7
2661	08/19/98	2000	22.53	7.86	94.7	94.7
2662	08/19/98	2100	22.30	7.44	89.2	89.2
2663	08/19/98	2200	22.14	7.31	87.3	87.3
2664	08/19/98	2300	22.00	7.17	85.4	85.4
2665	08/20/98	0	21.86	7.01	83.3	83.3
2666	08/20/98	100	21.74	6.99	82.9	82.9
2667	08/20/98	200	21.63	6.90	81.6	81.6
2668	08/20/98	300	21.67	6.78	79.8	79.8
2669	08/20/98	400	21.60	6.76	80.0	80.0
2670	08/20/98	500	21.58	6.68	79.0	79.0
2671	08/20/98	600	21.56	6.55	77.5	77.5
2672	08/20/98	700	21.51	6.43	76.0	76.0
2673	08/20/98	800	21.45	6.53	77.0	77.0
2674	08/20/98	900	21.48	6.73	79.5	79.5
2675	08/20/98	1000	21.61	7.16	84.7	84.7
2676	08/20/98	1100	21.84	7.43	88.3	88.3
2677	08/20/98	1200	22.32	7.93	95.1	95.1
2678	08/20/98	1300	23.37	9.58	117.2	117.2
2679	08/20/98	1400	23.51	9.24	113.3	113.3
2680	08/20/98	1500	23.97	9.41	116.4	116.4
2681	08/20/98	1600	24.35	9.55	119.1	119.1
2682	08/20/98	1700	24.59	9.45	118.4	118.4
2683	08/20/98	1800	24.59	9.26	115.9	115.9
2684	08/20/98	1900	24.37	8.94	111.5	111.5
2685	08/20/98	2000	24.15	8.44	104.8	104.8
2686	08/20/98	2100	24.01	7.89	98.9	98.9
2687	08/20/98	2200	23.91	7.75	96.8	96.8
2688	08/20/98	2300	23.84	7.57	93.4	93.4
2689	08/21/98	0	23.77	7.44	91.7	91.7
2690	08/21/98	100	23.64	7.31	89.9	89.9
2691	08/21/98	200	23.51	7.22	88.6	88.6
2692	08/21/98	300	23.40	7.15	87.6	87.6
2693	08/21/98	400	23.24	7.08	86.4	86.4
2694	08/21/98	500	23.19	7.00	85.3	85.3
2695	08/21/98	600	23.04	6.92	84.2	84.2
2696	08/21/98	700	22.97	6.93	84.2	84.2
2697	08/21/98	800	22.95	6.93	85.6	85.6
2698	08/21/98	900	23.08	7.43	90.4	90.4
2699	08/21/98	1000	23.35	7.90	96.6	96.6
2700	08/21/98	1100	23.79	8.41	103.8	103.8

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
2701	08/21/98	1200	24.34	8.84	110.2
2702	08/21/98	1300	24.78	9.09	114.1
2703	08/21/98	1400	25.30	9.32	118.2
2704	08/21/98	1500	25.65	9.50	121.2
2705	08/21/98	1600	25.88	9.53	122.1
2706	08/21/98	1700	26.08	9.60	123.6
2707	08/21/98	1800	25.95	9.44	121.2
2708	08/21/98	1900	25.71	9.04	115.5
2709	08/21/98	2000	25.39	8.51	108.1
2710	08/21/98	2100	25.11	7.99	101.0
2711	08/21/98	2200	24.91	7.70	96.9
2712	08/21/98	2300	24.74	7.47	93.7
2713	08/22/98	0	24.54	7.32	91.6
2714	08/22/98	100	24.37	7.21	89.8
2715	08/22/98	200	24.21	7.11	88.4
2716	08/22/98	300	24.08	7.01	86.9
2717	08/22/98	400	23.95	6.89	85.2
2718	08/22/98	500	23.77	6.87	84.7
2719	08/22/98	600	23.64	6.80	83.6
2720	08/22/98	700	23.48	6.79	83.3
2721	08/22/98	800	23.48	6.97	85.4
2722	08/22/98	900	23.50	7.34	90.0
2723	08/22/98	1000	23.59	7.69	94.5
2724	08/22/98	1100	23.77	8.10	99.9
2725	08/22/98	1200	23.90	8.52	105.2
2726	08/22/98	1300	24.08	8.73	108.3
2727	08/22/98	1400	24.10	8.87	110.0
2728	08/22/98	1500	24.13	9.03	112.1
2729	08/22/98	1600	24.01	8.85	109.6
2730	08/22/98	1700	23.86	8.53	105.3
2731	08/22/98	1800	23.62	8.05	99.0
2732	08/22/98	1900	23.44	7.79	95.5
2733	08/22/98	2000	23.22	7.55	92.1
2734	08/22/98	2100	23.10	7.33	89.2
2735	08/22/98	2200	22.93	7.23	87.7
2736	08/22/98	2300	22.83	7.16	86.7
2737	08/23/98	0	22.74	7.12	85.0
2738	08/23/98	100	22.70	6.99	84.4
2739	08/23/98	200	22.66	6.91	83.4
2740	08/23/98	300	22.66	6.81	82.2
2741	08/23/98	400	22.65	6.79	81.9
2742	08/23/98	500	22.61	6.69	80.7
2743	08/23/98	600	22.61	6.64	80.0
2744	08/23/98	700	22.54	6.60	79.5
2745	08/23/98	800	22.56	6.88	83.1
2746	08/23/98	900	22.75	7.22	87.4
2747	08/23/98	1000	23.02	7.76	94.4
2748	08/23/98	1100	23.24	7.95	97.0
2749	08/23/98	1200	23.39	8.04	98.4
2750	08/23/98	1300	23.44	7.98	97.7
2751	08/23/98	1400	23.84	8.20	101.2
2752	08/23/98	1500	24.28	8.60	107.1
2753	08/23/98	1600	24.81	8.95	112.5
2754	08/23/98	1700	25.09	9.01	113.9
2755	08/23/98	1800	25.11	8.85	111.9
2756	08/23/98	1900	24.93	8.41	106.0
2757	08/23/98	2000	24.65	7.89	98.9
2758	08/23/98	2100	24.43	7.36	91.8
2759	08/23/98	2200	24.26	7.15	89.0
2760	08/23/98	2300	24.15	6.93	85.1
2761	08/24/98	0	24.04	6.90	85.5
2762	08/24/98	100	23.83	6.78	83.8
2763	08/24/98	200	23.80	6.67	82.2
2764	08/24/98	300	23.64	6.69	82.3
2765	08/24/98	400	23.53	6.59	80.8
2766	08/24/98	500	23.42	6.50	79.6
2767	08/24/98	600	23.22	6.52	79.5
2768	08/24/98	700	23.08	6.48	78.9
2769	08/24/98	800	22.97	6.53	79.3
2770	08/24/98	900	22.85	6.79	82.5
2771	08/24/98	1000	22.65	7.53	89.3
2772	08/24/98	1100	23.59	7.88	96.8
2773	08/24/98	1200	24.15	8.41	104.4
2774	08/24/98	1300	24.59	8.78	109.9
2775	08/24/98	1400	25.02	9.07	114.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
2776	08/24/98	1500	25.27	9.15	115.2	115.2
2777	08/24/98	1600	25.58	9.21	117.4	117.4
2778	08/24/98	1700	25.60	9.18	114.2	114.2
2779	08/24/98	1800	25.50	8.97	107.4	107.4
2780	08/24/98	1900	25.20	8.48	100.6	100.6
2781	08/24/98	2000	24.87	7.99	94.6	94.6
2782	08/24/98	2100	24.56	7.56	92.0	92.0
2783	08/24/98	2200	24.30	7.39	91.3	91.3
2784	08/24/98	2300	24.15	7.36	91.6	91.6
2785	08/25/98	0	24.12	7.38	90.2	90.2
2786	08/25/98	100	24.04	7.28	88.1	88.1
2787	08/25/98	200	23.88	7.13	86.3	86.3
2788	08/25/98	300	23.73	7.01	84.1	84.1
2789	08/25/98	400	23.48	6.86	82.1	82.1
2790	08/25/98	500	23.28	6.72	80.1	80.1
2791	08/25/98	600	23.02	6.59	79.0	79.0
2792	08/25/98	700	22.81	6.52	78.9	78.9
2793	08/25/98	800	22.63	6.54	80.8	80.8
2794	08/25/98	900	22.66	6.71	85.8	85.8
2795	08/25/98	1000	22.65	7.11	93.7	93.7
2796	08/25/98	1100	22.95	7.72	104.0	104.0
2797	08/25/98	1200	23.26	8.12	107.8	107.8
2798	08/25/98	1300	23.71	8.44	109.0	109.0
2799	08/25/98	1400	24.06	8.70	108.1	108.1
2800	08/25/98	1500	24.23	8.77	107.9	107.9
2801	08/25/98	1600	24.32	8.68	106.9	106.9
2802	08/25/98	1700	24.32	8.66	101.4	101.4
2803	08/25/98	1800	24.32	8.58	95.0	95.0
2804	08/25/98	1900	24.15	8.15	87.6	87.6
2805	08/25/98	2000	23.91	7.88	86.0	86.0
2806	08/25/98	2100	23.71	7.33	85.3	85.3
2807	08/25/98	2200	23.50	7.15	82.2	82.2
2808	08/25/98	2300	23.02	7.02	79.7	79.7
2809	08/26/98	0	23.24	6.99	78.4	78.4
2810	08/26/98	100	23.24	6.95	79.5	79.5
2811	08/26/98	200	23.17	6.80	81.9	81.9
2812	08/26/98	300	23.04	6.76	82.2	82.2
2813	08/26/98	400	22.88	6.71	80.4	80.4
2814	08/26/98	500	22.74	6.65	80.4	80.4
2815	08/26/98	600	22.56	6.61	79.7	79.7
2816	08/26/98	700	22.38	6.53	78.4	78.4
2817	08/26/98	800	22.22	6.64	79.5	79.5
2818	08/26/98	900	22.13	6.85	81.9	81.9
2819	08/26/98	1000	22.29	7.36	88.2	88.2
2820	08/26/98	1100	22.72	7.90	96.4	96.4
2821	08/26/98	1200	23.24	8.38	102.3	102.3
2822	08/26/98	1300	23.79	8.83	108.8	108.8
2823	08/26/98	1400	24.21	8.89	110.6	110.6
2824	08/26/98	1500	24.61	9.15	114.6	114.6
2825	08/26/98	1600	24.85	9.11	114.6	114.6
2826	08/26/98	1700	24.93	8.98	113.3	113.3
2827	08/26/98	1800	24.87	8.77	110.4	110.4
2828	08/26/98	1900	24.72	8.26	103.7	103.7
2829	08/26/98	2000	24.52	7.73	96.7	96.7
2830	08/26/98	2100	24.34	7.33	91.3	91.3
2831	08/26/98	2200	24.21	7.14	88.7	88.7
2832	08/26/98	2300	24.04	7.06	87.5	87.5
2833	08/27/98	0	23.99	7.02	86.9	86.9
2834	08/27/98	100	23.88	6.94	85.8	85.8
2835	08/27/98	200	23.77	6.85	84.5	84.5
2836	08/27/98	300	23.70	6.77	83.3	83.3
2837	08/27/98	400	23.53	6.69	82.1	82.1
2838	08/27/98	500	23.39	6.55	80.2	80.2
2839	08/27/98	600	23.19	6.51	79.3	79.3
2840	08/27/98	700	22.93	6.50	78.9	78.9
2841	08/27/98	800	22.75	6.61	80.0	80.0
2842	08/27/98	900	22.75	6.75	81.6	81.6
2843	08/27/98	1000	22.85	7.25	87.9	87.9
2844	08/27/98	1100	23.22	7.83	95.6	95.6
2845	08/27/98	1200	23.68	8.34	102.7	102.7
2846	08/27/98	1300	24.04	8.76	108.5	108.5
2847	08/27/98	1400	24.26	9.11	113.4	113.4
2848	08/27/98	1500	24.46	8.98	112.2	112.2
2849	08/27/98	1600	24.50	8.99	112.3	112.3
2850	08/27/98	1700	24.43	8.59	107.2	107.2

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2851	08/27/98	1800	24.26	8.19		101.9
2852	08/27/98	1900	24.08	7.76		96.2
2853	08/27/98	2000	23.97	7.39		91.4
2854	08/27/98	2100	23.90	7.23		89.3
2855	08/27/98	2200	23.84	7.10		87.6
2856	08/27/98	2300	23.77	7.04		86.7
2857	08/28/98	0	23.77	6.92		85.3
2858	08/28/98	100	23.75	6.87		84.7
2859	08/28/98	200	23.73	6.74		83.1
2860	08/28/98	300	23.66	6.60		81.2
2861	08/28/98	400	23.60	6.54		80.4
2862	08/28/98	500	23.53	6.44		79.0
2863	08/28/98	600	23.48	6.37		78.1
2864	08/28/98	700	23.37	6.34		77.5
2865	08/28/98	800	23.31	6.50		79.5
2866	08/28/98	900	23.28	6.94		84.8
2867	08/28/98	1000	23.35	7.45		91.1
2868	08/28/98	1100	23.50	7.88		96.7
2869	08/28/98	1200	23.66	8.13		100.0
2870	08/28/98	1300	23.99	8.57		106.1
2871	08/28/98	1400	24.30	8.91		110.9
2872	08/28/98	1500	24.59	9.40		117.8
2873	08/28/98	1600	24.89	9.39		118.2
2874	08/28/98	1700	24.96	9.11		114.9
2875	08/28/98	1800	24.93	8.73		109.9
2876	08/28/98	1900	24.70	8.16		102.3
2877	08/28/98	2000	24.45	7.62		95.2
2878	08/28/98	2100	24.19	7.28		90.6
2879	08/28/98	2200	23.95	7.06		87.4
2880	08/28/98	2300	23.79	6.86		84.6
2881	08/29/98	0	23.68	6.81		83.8
2882	08/29/98	100	23.55	6.62		81.3
2883	08/29/98	200	23.50	6.65		81.5
2884	08/29/98	300	23.42	6.48		79.3
2885	08/29/98	400	23.24	6.41		78.3
2886	08/29/98	500	23.04	6.37		77.5
2887	08/29/98	600	22.83	6.35		76.9
2888	08/29/98	700	22.65	6.30		76.0
2889	08/29/98	800	22.54	6.46		77.9
2890	08/29/98	900	22.59	6.73		81.1
2891	08/29/98	1000	22.63	7.02		84.7
2892	08/29/98	1100	22.84	7.68		93.0
2893	08/29/98	1200	23.21	8.30		101.3
2894	08/29/98	1300	23.60	8.76		107.7
2895	08/29/98	1400	23.95	9.23		114.2
2896	08/29/98	1500	24.17	9.47		117.7
2897	08/29/98	1600	24.24	9.49		118.0
2898	08/29/98	1700	24.24	9.29		115.5
2899	08/29/98	1800	24.04	8.71		107.9
2900	08/29/98	1900	23.70	8.13		100.0
2901	08/29/98	2000	23.35	7.54		92.2
2902	08/29/98	2100	23.04	7.18		87.3
2903	08/29/98	2200	22.81	6.94		84.1
2904	08/29/98	2300	22.63	6.82		82.3
2905	08/30/98	0	22.49	6.77		81.5
2906	08/30/98	100	22.32	6.74		80.8
2907	08/30/98	200	22.22	6.65		79.6
2908	08/30/98	300	22.11	6.56		78.3
2909	08/30/98	400	21.93	6.51		77.5
2910	08/30/98	500	21.77	6.49		77.0
2911	08/30/98	600	21.59	6.42		76.9
2912	08/30/98	700	21.53	6.37		75.0
2913	08/30/98	800	21.21	6.55		76.9
2914	08/30/98	900	21.14	6.71		78.7
2915	08/30/98	1000	21.31	7.27		85.5
2916	08/30/98	1100	21.68	7.48		88.6
2917	08/30/98	1200	22.16	8.13		97.2
2918	08/30/98	1300	22.45	8.81		106.0
2919	08/30/98	1400	22.74	8.53		103.2
2920	08/30/98	1500	23.10	9.66		117.5
2921	08/30/98	1600	23.21	9.56		116.6
2922	08/30/98	1700	23.26	9.21		112.4
2923	08/30/98	1800	23.19	8.65		105.5
2924	08/30/98	1900	22.90	8.07		97.9
2925	08/30/98	2000	22.63	7.56		91.2

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
2926	08/30/98	2100	22.41	7.17	86.2	
2927	08/30/98	2200	22.22	6.82	82.6	
2928	08/30/98	2300	22.07	6.83	81.5	
2929	08/31/98	0	21.90	6.63	78.8	
2930	08/31/98	100	21.74	6.53	77.4	
2931	08/31/98	200	21.58	6.53	77.1	
2932	08/31/98	300	21.47	6.47	76.3	
2933	08/31/98	400	21.29	6.46	75.9	
2934	08/31/98	500	21.08	6.26	74.5	
2935	08/31/98	600	20.98	6.42	75.1	
2936	08/31/98	700	20.82	6.39	74.4	
2937	08/31/98	800	20.68	6.55	76.0	
2938	08/31/98	900	20.64	6.81	79.0	
2939	08/31/98	1000	20.80	7.45	86.7	
2940	08/31/98	1100	21.24	8.04	94.5	
2941	08/31/98	1200	21.75	8.84	104.8	
2942	08/31/98	1300	22.13	8.70	103.9	
2943	08/31/98	1400	22.36	8.91	106.9	
2944	08/31/98	1500	22.56	9.76	117.5	
2945	08/31/98	1600	22.79	9.20	111.3	
2946	08/31/98	1700	22.84	9.28	112.4	
2947	08/31/98	1800	22.75	8.56	103.6	
2948	08/31/98	1900	22.57	8.08	97.3	
2949	08/31/98	2000	22.31	7.65	91.7	
2950	08/31/98	2100	22.07	7.33	87.5	
2951	08/31/98	2200	21.93	7.07	84.2	
2952	08/31/98	2300	21.84	6.93	82.4	
2953	09/01/98	0	21.74	6.85	81.2	
2954	09/01/98	100	21.70	6.79	80.5	
2955	09/01/98	200	21.65	6.68	79.1	
2956	09/01/98	300	21.58	6.55	77.5	
2957	09/01/98	400	21.49	6.47	76.4	
2958	09/01/98	500	21.38	6.34	74.7	
2959	09/01/98	600	21.12	6.20	72.6	
2960	09/01/98	700	20.92	6.19	72.3	
2961	09/01/98	800	20.76	6.25	72.8	
2962	09/01/98	900	20.77	6.77	78.8	
2963	09/01/98	1000	20.78	7.01	81.5	
2964	09/01/98	1100	20.82	7.30	85.0	
2965	09/01/98	1200	20.85	7.86	91.6	
2966	09/01/98	1300	21.08	8.59	100.6	
2967	09/01/98	1400	21.22	8.41	98.7	
2968	09/01/98	1500	21.35	8.70	102.4	
2969	09/01/98	1600	21.31	8.19	86.1	
2970	09/01/98	1700	21.05	7.84	91.7	
2971	09/01/98	1800	20.91	7.56	88.2	
2972	09/01/98	1900	20.84	7.42	86.5	
2973	09/01/98	2000	20.77	7.35	85.6	
2974	09/01/98	2100	20.57	7.26	84.1	
2975	09/01/98	2200	20.43	7.03	81.2	
2976	09/01/98	2300	20.28	6.85	80.1	
2977	09/02/98	0	20.12	6.91	79.4	
2978	09/02/98	100	19.98	6.88	78.0	
2979	09/02/98	200	19.91	6.86	78.5	
2980	09/02/98	300	19.77	6.82	77.9	
2981	09/02/98	400	19.54	6.83	77.6	
2982	09/02/98	500	19.49	6.80	77.2	
2983	09/02/98	600	19.39	6.74	76.3	
2984	09/02/98	700	19.27	6.79	76.7	
2985	09/02/98	800	19.27	6.83	77.8	
2986	09/02/98	900	19.38	7.30	82.7	
2987	09/02/98	1000	19.60	7.79	88.6	
2988	09/02/98	1100	19.96	8.25	94.5	
2989	09/02/98	1200	20.26	8.16	94.0	
2990	09/02/98	1300	20.29	8.29	95.6	
2991	09/02/98	1400	20.39	8.95	101.5	
2992	09/02/98	1500	20.48	9.28	105.5	
2993	09/02/98	1600	20.65	9.49	108.1	
2994	09/02/98	1700	20.77	9.68	109.5	
2995	09/02/98	1800	20.79	9.61	109.7	
2996	09/02/98	1900	20.63	9.20	104.8	
2997	09/02/98	2000	20.40	8.75	99.3	
2998	09/02/98	2100	20.21	8.40	94.8	
2999	09/02/98	2200	20.11	8.16	92.0	
3000	09/02/98	2300	19.99	8.08	90.9	

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
3001	09/03/98	0	19.93	7.98		89.7
3002	09/03/98	100	19.86	7.92		88.8
3003	09/03/98	200	19.71	7.85		87.8
3004	09/03/98	300	19.60	7.74		86.3
3005	09/03/98	400	19.47	7.70		85.6
3006	09/03/98	500	19.33	7.61		84.5
3007	09/03/98	600	19.12	7.54		83.3
3008	09/03/98	700	19.00	7.51		82.8
3009	09/03/98	800	18.86	7.58		83.3
3010	09/03/98	900	18.83	7.79		85.6
3011	09/03/98	1000	19.02	8.15		88.8
3012	09/03/98	1100	19.47	8.66		96.3
3013	09/03/98	1200	19.99	9.06		101.9
3014	09/03/98	1300	20.53	9.48		107.7
3015	09/03/98	1400	20.83	9.67		110.6
3016	09/03/98	1500	21.12	9.79		112.6
3017	09/03/98	1600	21.48	9.97		115.4
3018	09/03/98	1700	21.58	9.93		115.3
3019	09/03/98	1800	21.48	9.84		113.9
3020	09/03/98	1900	21.18	9.37		107.8
3021	09/03/98	2000	20.83	8.80		100.6
3022	09/03/98	2100	20.58	8.42		95.8
3023	09/03/98	2200	20.44	8.17		92.7
3024	09/03/98	2300	20.37	8.04		91.1
3025	09/04/98	0	20.21	7.98		90.2
3026	09/04/98	100	20.11	7.85		88.5
3027	09/04/98	200	19.92	7.77		87.2
3028	09/04/98	300	19.83	7.66		85.8
3029	09/04/98	400	19.69	7.58		84.7
3030	09/04/98	500	19.57	7.52		83.9
3031	09/04/98	600	19.41	7.47		83.0
3032	09/04/98	700	19.24	7.42		82.2
3033	09/04/98	800	19.12	7.52		83.0
3034	09/04/98	900	19.10	7.79		86.1
3035	09/04/98	1000	19.24	8.24		91.2
3036	09/04/98	1100	19.69	8.75		97.7
3037	09/04/98	1200	20.25	9.24		104.5
3038	09/04/98	1300	20.74	9.59		109.4
3039	09/04/98	1400	21.21	9.81		113.0
3040	09/04/98	1500	21.62	9.98		115.9
3041	09/04/98	1600	21.81	10.04		117.0
3042	09/04/98	1700	21.92	10.00		116.8
3043	09/04/98	1800	21.83	9.83		114.6
3044	09/04/98	1900	21.67	9.41		109.4
3045	09/04/98	2000	21.44	8.87		102.6
3046	09/04/98	2100	21.27	8.42		97.1
3047	09/04/98	2200	21.14	8.18		94.0
3048	09/04/98	2300	21.02	8.04		92.2
3049	09/05/98	0	20.91	7.94		91.0
3050	09/05/98	100	20.81	7.83		89.8
3051	09/05/98	200	20.70	7.74		88.2
3052	09/05/98	300	20.61	7.69		86.4
3053	09/05/98	400	20.53	7.50		85.2
3054	09/05/98	500	20.44	7.38		83.7
3055	09/05/98	600	20.23	7.26		82.1
3056	09/05/98	700	20.13	7.26		81.9
3057	09/05/98	800	20.09	7.34		82.7
3058	09/05/98	900	20.11	7.52		84.8
3059	09/05/98	1000	20.30	7.83		87.7
3060	09/05/98	1100	20.79	8.50		97.1
3061	09/05/98	1200	21.41	9.01		104.1
3062	09/05/98	1300	21.96	9.39		109.7
3063	09/05/98	1400	22.39	9.58		112.9
3064	09/05/98	1500	22.65	9.67		114.6
3065	09/05/98	1600	22.82	9.74		115.7
3066	09/05/98	1700	22.87	9.71		115.4
3067	09/05/98	1800	22.76	9.48		112.5
3068	09/05/98	1900	22.55	9.07		107.2
3069	09/05/98	2000	22.35	8.58		101.2
3070	09/05/98	2100	22.17	8.19		96.1
3071	09/05/98	2200	22.06	7.88		92.3
3072	09/05/98	2300	21.94	7.74		90.4
3073	09/06/98	0	21.83	7.62		88.8
3074	09/06/98	100	21.73	7.57		88.1
3075	09/06/98	200	21.62	7.32		85.0

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
3076	09/06/98	300	21.51	7.28	84.4	84.4
3077	09/06/98	400	21.39	7.22	83.4	83.4
3078	09/06/98	500	21.28	7.12	82.2	82.2
3079	09/06/98	600	21.16	7.07	81.3	81.3
3080	09/06/98	700	21.02	7.04	81.0	81.0
3081	09/06/98	800	20.95	7.07	81.0	81.0
3082	09/06/98	900	21.00	7.36	84.4	84.4
3083	09/06/98	1000	21.21	7.76	89.4	89.4
3084	09/06/98	1100	21.66	8.40	97.6	97.6
3085	09/06/98	1200	22.21	8.87	104.1	104.1
3086	09/06/98	1300	22.74	9.27	109.9	109.9
3087	09/06/98	1400	23.16	9.84	114.1	114.1
3088	09/06/98	1500	23.43	9.63	115.8	115.8
3089	09/06/98	1600	23.49	9.65	116.1	116.1
3090	09/06/98	1700	23.38	9.62	115.5	115.5
3091	09/06/98	1800	23.16	9.24	110.5	110.5
3092	09/06/98	1900	22.85	8.58	103.3	103.3
3093	09/06/98	2000	22.62	8.22	97.3	97.3
3094	09/06/98	2100	22.37	7.90	93.0	93.0
3095	09/06/98	2200	22.19	7.76	91.1	91.1
3096	09/06/98	2300	22.01	7.64	89.4	89.4
3097	09/07/98	0	21.78	7.52	87.5	87.5
3098	09/07/98	100	21.60	7.45	86.4	86.4
3099	09/07/98	200	21.35	7.34	84.8	84.8
3100	09/07/98	300	21.16	7.27	83.7	83.7
3101	09/07/98	400	20.91	7.20	82.6	82.6
3102	09/07/98	500	20.67	7.16	81.6	81.6
3103	09/07/98	600	20.46	7.04	79.9	79.9
3104	09/07/98	700	20.25	7.05	79.7	79.7
3105	09/07/98	800	20.11	7.09	79.9	79.9
3106	09/07/98	900	20.04	7.28	81.9	81.9
3107	09/07/98	1000	20.21	7.66	86.5	86.5
3108	09/07/98	1100	20.58	8.24	93.7	93.7
3109	09/07/98	1200	20.86	8.51	97.3	97.3
3110	09/07/98	1300	21.08	8.85	101.7	101.7
3111	09/07/98	1400	21.44	9.09	105.2	105.2
3112	09/07/98	1500	21.64	9.23	107.2	107.2
3113	09/07/98	1600	21.64	9.28	107.7	107.7
3114	09/07/98	1700	21.53	9.29	107.7	107.7
3115	09/07/98	1800	21.23	9.11	106.0	106.0
3116	09/07/98	1900	20.83	8.65	98.9	98.9
3117	09/07/98	2000	20.49	8.20	93.1	93.1
3118	09/07/98	2100	20.16	7.91	89.2	89.2
3119	09/07/98	2200	20.06	7.74	87.2	87.2
3120	09/07/98	2300	19.92	7.62	85.6	85.6
3121	09/08/98	0	19.71	7.52	84.0	84.0
3122	09/08/98	100	19.53	7.48	83.4	83.4
3123	09/08/98	200	19.33	7.43	82.5	82.5
3124	09/08/98	300	19.19	7.36	81.4	81.4
3125	09/08/98	400	19.02	7.33	80.9	80.9
3126	09/08/98	500	18.91	7.22	79.5	79.5
3127	09/08/98	600	18.83	7.19	79.0	79.0
3128	09/08/98	700	18.74	7.24	79.4	79.4
3129	09/08/98	800	18.72	7.22	79.2	79.2
3130	09/08/98	900	18.53	7.22	78.8	78.8
3131	09/08/98	1000	18.57	7.84	85.7	85.7
3132	09/08/98	1100	18.96	8.41	92.7	92.7
3133	09/08/98	1200	19.45	8.90	99.0	99.0
3134	09/08/98	1300	19.65	9.22	103.0	103.0
3135	09/08/98	1400	19.99	9.34	105.0	105.0
3136	09/08/98	1500	20.21	9.48	107.0	107.0
3137	09/08/98	1600	20.37	9.60	108.7	108.7
3138	09/08/98	1700	20.49	9.65	109.6	109.6
3139	09/08/98	1800	20.42	9.46	107.2	107.2
3140	09/08/98	1900	20.09	8.88	100.0	100.0
3141	09/08/98	2000	19.81	8.39	94.0	94.0
3142	09/08/98	2100	19.58	8.05	89.8	89.8
3143	09/08/98	2200	19.36	7.86	87.3	87.3
3144	09/08/98	2300	19.24	7.75	86.0	86.0
3145	09/09/98	0	19.03	7.66	84.4	84.4
3146	09/09/98	100	18.84	7.53	83.8	83.8
3147	09/09/98	200	18.69	7.53	83.8	83.8
3148	09/09/98	300	18.53	7.49	81.7	81.7
3149	09/09/98	400	18.33	7.43	80.8	80.8
3150	09/09/98	500	18.28	7.36	80.0	80.0

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
3151	09/09/98	600	18.17	7.32	79.4	79.4
3152	09/09/98	700	17.88	7.28	78.5	78.5
3153	09/09/98	800	17.87	7.34	79.0	79.0
3154	09/09/98	900	17.83	7.49	80.6	80.6
3155	09/09/98	1000	18.02	7.82	84.5	84.5
3156	09/09/98	1100	18.50	8.43	92.0	92.0
3157	09/09/98	1200	19.22	8.90	98.5	98.5
3158	09/09/98	1300	19.92	9.34	104.8	104.8
3159	09/09/98	1400	20.37	9.51	107.7	107.7
3160	09/09/98	1500	20.84	9.74	111.4	111.4
3161	09/09/98	1600	20.98	9.76	111.7	111.7
3162	09/09/98	1700	21.07	9.76	112.1	112.1
3163	09/09/98	1800	20.91	9.48	108.5	108.5
3164	09/09/98	1900	20.61	8.93	101.7	101.7
3165	09/09/98	2000	20.33	8.49	96.1	96.1
3166	09/09/98	2100	20.09	8.07	90.9	90.9
3167	09/09/98	2200	19.90	7.90	88.7	88.7
3168	09/09/98	2300	19.79	7.78	87.1	87.1
3169	09/10/98	0	19.64	7.64	85.3	85.3
3170	09/10/98	100	19.50	7.62	84.8	84.8
3171	09/10/98	200	19.33	7.50	83.3	83.3
3172	09/10/98	300	19.21	7.41	82.0	82.0
3173	09/10/98	400	19.10	7.35	81.2	81.2
3174	09/10/98	500	19.02	7.30	80.5	80.5
3175	09/10/98	600	18.86	7.26	79.9	79.9
3176	09/10/98	700	18.69	7.24	79.3	79.3
3177	09/10/98	800	18.59	7.33	80.1	80.1
3178	09/10/98	900	18.52	7.53	82.2	82.2
3179	09/10/98	1000	18.54	7.97	87.2	87.2
3180	09/10/98	1100	18.96	8.51	93.7	93.7
3181	09/10/98	1200	19.43	8.98	99.8	99.8
3182	09/10/98	1300	19.93	9.30	104.5	104.5
3183	09/10/98	1400	20.37	9.53	107.9	107.9
3184	09/10/98	1500	20.67	9.72	110.7	110.7
3185	09/10/98	1600	20.84	9.80	112.0	112.0
3186	09/10/98	1700	20.91	9.60	108.9	108.9
3187	09/10/98	1800	20.76	9.31	106.3	106.3
3188	09/10/98	1900	20.49	8.77	99.6	99.6
3189	09/10/98	2000	20.30	8.37	94.7	94.7
3190	09/10/98	2100	20.14	8.03	90.5	90.5
3191	09/10/98	2200	20.04	7.82	88.1	88.1
3192	09/10/98	2300	19.95	7.73	86.9	86.9
3193	09/11/98	0	19.93	7.69	85.2	85.2
3194	09/11/98	100	19.95	7.50	84.2	84.2
3195	09/11/98	200	19.97	7.36	82.6	82.6
3196	09/11/98	300	19.97	7.24	81.4	81.4
3197	09/11/98	400	19.92	7.17	80.5	80.5
3198	09/11/98	500	19.90	7.10	79.7	79.7
3199	09/11/98	600	19.83	7.05	79.1	79.1
3200	09/11/98	700	19.71	7.03	78.6	78.6
3201	09/11/98	800	19.66	7.06	78.8	78.8
3202	09/11/98	900	19.69	7.23	80.8	80.8
3203	09/11/98	1000	19.85	7.67	86.0	86.0
3204	09/11/98	1100	20.32	8.53	94.3	94.3
3205	09/11/98	1200	21.00	9.11	100.1	100.1
3206	09/11/98	1300	21.66	9.73	105.9	105.9
3207	09/11/98	1400	22.21	9.30	109.3	109.3
3208	09/11/98	1500	22.58	9.32	110.2	110.2
3209	09/11/98	1600	22.82	9.62	114.3	114.3
3210	09/11/98	1700	22.91	9.46	112.8	112.8
3211	09/11/98	1800	22.85	8.98	106.7	106.7
3212	09/11/98	1900	22.64	8.28	98.1	98.1
3213	09/11/98	2000	22.48	7.78	91.8	91.8
3214	09/11/98	2100	22.37	7.38	86.9	86.9
3215	09/11/98	2200	22.30	7.25	85.3	85.3
3216	09/11/98	2300	22.21	7.17	84.2	84.2
3217	09/12/98	0	22.10	7.08	83.0	83.0
3218	09/12/98	100	22.03	7.02	82.1	82.1
3219	09/12/98	200	21.84	6.89	80.5	80.5
3220	09/12/98	300	21.83	6.74	78.6	78.6
3221	09/12/98	400	21.73	6.70	77.0	77.0
3222	09/12/98	500	21.71	6.63	75.6	75.6
3223	09/12/98	600	21.64	6.51	74.8	74.8
3224	09/12/98	700	21.56	6.45	73.6	73.6
3225	09/12/98	800	21.46	6.38	72.1	72.1

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO % SATURATION
3226	09/12/98	21.46	6.93	80.2
3227	09/12/98	21.51	7.50	86.9
3228	09/12/98	21.81	7.87	91.7
3229	09/12/98	22.28	8.48	99.7
3230	09/12/98	22.80	8.75	103.9
3231	09/12/98	23.09	9.29	110.9
3232	09/12/98	23.18	9.14	109.4
3233	09/12/98	23.38	9.24	110.9
3234	09/12/98	23.39	9.35	112.4
3235	09/12/98	23.20	8.87	106.1
3236	09/12/98	22.91	8.18	97.4
3237	09/12/98	22.67	7.70	91.3
3238	09/12/98	22.46	7.35	86.8
3239	09/12/98	22.30	7.15	84.1
3240	09/12/98	22.12	7.06	82.7
3241	09/13/98	22.01	6.99	81.8
3242	09/13/98	21.90	6.82	80.3
3243	09/13/98	21.83	6.75	78.7
3244	09/13/98	21.74	6.74	78.4
3245	09/13/98	21.71	6.64	77.2
3246	09/13/98	21.62	6.56	76.2
3247	09/13/98	21.53	6.49	75.2
3248	09/13/98	21.44	6.48	75.1
3249	09/13/98	21.42	6.56	77.0
3250	09/13/98	21.48	6.91	80.0
3251	09/13/98	21.60	7.54	87.6
3252	09/13/98	21.85	7.85	91.6
3253	09/13/98	21.96	8.05	94.0
3254	09/13/98	22.06	8.32	97.4
3255	09/13/98	22.21	8.46	99.4
3256	09/13/98	22.39	8.70	102.5
3257	09/13/98	22.64	9.34	110.5
3258	09/13/98	22.71	9.02	107.0
3259	09/13/98	22.62	8.60	101.8
3260	09/13/98	22.57	8.09	95.2
3261	09/13/98	22.10	7.56	88.6
3262	09/13/98	21.90	7.28	84.9
3263	09/13/98	21.78	7.09	82.6
3264	09/13/98	21.71	6.94	80.7
3265	09/14/98	21.62	6.93	80.5
3266	09/14/98	21.46	6.82	79.0
3267	09/14/98	21.32	6.77	78.2
3268	09/14/98	21.16	6.70	77.0
3269	09/14/98	21.04	6.62	76.0
3270	09/14/98	20.93	6.53	75.9
3271	09/14/98	20.86	6.55	75.0
3272	09/14/98	20.81	6.52	74.5
3273	09/14/98	20.76	6.59	75.2
3274	09/14/98	20.76	6.72	76.7
3275	09/14/98	20.79	6.89	78.7
3276	09/14/98	20.81	7.05	80.5
3277	09/14/98	20.84	7.21	82.5
3278	09/14/98	20.83	7.14	81.6
3279	09/14/98	20.86	7.28	83.3
3280	09/14/98	20.88	7.37	84.4
3281	09/14/98	20.83	7.30	83.5
3282	09/14/98	20.77	7.23	82.5
3283	09/14/98	20.76	7.17	81.9
3284	09/14/98	20.74	7.05	80.4
3285	09/14/98	20.76	7.07	80.7
3286	09/14/98	20.75	7.05	80.4
3287	09/14/98	20.76	7.01	80.0
3288	09/14/98	20.77	6.98	79.7
3289	09/15/98	20.81	6.95	79.4
3290	09/15/98	20.83	6.94	79.3
3291	09/15/98	20.84	6.90	78.8
3292	09/15/98	20.88	6.87	78.6
3293	09/15/98	20.91	6.85	78.5
3294	09/15/98	20.90	6.85	78.4
3295	09/15/98	20.84	6.85	78.3
3296	09/15/98	20.84	6.85	78.2
3297	09/15/98	20.68	6.89	78.6
3298	09/15/98	20.63	7.02	80.0
3299	09/15/98	20.61	7.20	82.0
3300	09/15/98	20.72	7.47	85.2

CHALK HILL/WHITE RAPIDS HWY Z STATION 1988 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
3301	09/15/98	1200	20.98	7.84		89.9
3302	09/15/98	1300	21.23	8.07		93.0
3303	09/15/98	1400	21.58	8.30		96.3
3304	09/15/98	1500	21.81	8.54		99.5
3305	09/15/98	1600	21.94	8.62		100.7
3306	09/15/98	1700	21.90	8.53		99.5
3307	09/15/98	1800	21.73	8.17		95.0
3308	09/15/98	1900	21.46	7.74		89.6
3309	09/15/98	2000	21.23	7.60		87.6
3310	09/15/98	2100	21.04	7.53		86.4
3311	09/15/98	2200	20.86	7.45		85.3
3312	09/15/98	2300	20.68	7.41		84.5
3313	09/16/98	0	20.47	7.35		83.5
3314	09/16/98	100	20.28	7.33		82.9
3315	09/16/98	200	20.07	7.26		81.8
3316	09/16/98	300	19.83	7.25		81.3
3317	09/16/98	400	19.57	7.23		80.7
3318	09/16/98	500	19.27	7.20		79.8
3319	09/16/98	600	19.00	7.16		78.9
3320	09/16/98	700	18.77	7.17		78.7
3321	09/16/98	800	18.55	7.04		76.9
3322	09/16/98	900	18.36	7.38		80.3
3323	09/16/98	1000	18.50	7.61		83.0
3324	09/16/98	1100	18.83	8.09		88.8
3325	09/16/98	1200	19.33	8.41		93.3
3326	09/16/98	1300	19.83	8.73		97.6
3327	09/16/98	1400	20.28	8.94		101.1
3328	09/16/98	1500	20.68	9.22		105.1
3329	09/16/98	1600	20.97	9.36		107.3
3330	09/16/98	1700	21.05	9.12		104.7
3331	09/16/98	1800	21.02	8.47		97.2
3332	09/16/98	1900	20.91	8.14		93.2
3333	09/16/98	2000	20.90	7.85		89.9
3334	09/16/98	2100	20.93	7.72		88.4
3335	09/16/98	2200	20.91	7.64		87.4
3336	09/16/98	2300	20.91	7.52		86.1
3337	09/17/98	0	20.83	7.42		84.8
3338	09/17/98	100	20.74	7.32		83.5
3339	09/17/98	200	20.54	7.28		82.8
3340	09/17/98	300	20.30	7.24		81.9
3341	09/17/98	400	20.06	7.19		80.9
3342	09/17/98	500	19.79	7.16		80.2
3343	09/17/98	600	19.53	7.13		79.4
3344	09/17/98	700	19.26	7.15		79.2
3345	09/17/98	800	19.08	7.22		79.6
3346	09/17/98	900	18.91	7.28		80.0
3347	09/17/98	1000	18.95	7.54		83.0
3348	09/17/98	1100	19.31	8.06		89.4
3349	09/17/98	1200	19.63	8.27		105.4
3350	09/17/98	1300	20.24	9.30		107.1
3351	09/17/98	1400	20.65	9.48		110.1
3352	09/17/98	1500	21.02	9.59		112.1
3353	09/17/98	1600	21.29	9.65		113.4
3354	09/17/98	1700	21.38	9.64		112.3
3355	09/17/98	1800	21.36	9.33		109.8
3356	09/17/98	1900	21.27	8.98		105.5
3357	09/17/98	2000	21.24	8.61		101.1
3358	09/17/98	2100	21.26	8.46		89.4
3359	09/17/98	2200	21.27	8.38		98.5
3360	09/17/98	2300	21.33	8.19		96.3
3361	09/18/98	0	21.25	8.10		95.1
3362	09/18/98	100	21.24	8.01		94.1
3363	09/18/98	200	21.15	7.92		92.8
3364	09/18/98	300	20.98	7.81		91.3
3365	09/18/98	400	20.75	7.73		89.9
3366	09/18/98	500	20.53	7.63		88.4
3367	09/18/98	600	20.31	7.58		87.5
3368	09/18/98	700	20.08	7.49		85.9
3369	09/18/98	800	19.82	7.55		86.5
3370	09/18/98	900	19.80	7.76		88.6
3371	09/18/98	1000	19.84	8.06		92.1
3372	09/18/98	1100	20.17	8.53		98.0
3373	09/18/98	1200	20.67	8.97		104.2
3374	09/18/98	1300	21.24	9.32		109.5
3375	09/18/98	1400	21.61	9.55		113.0

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
3376	09/18/98	1500	21.95	9.63	114.7	114.7
3377	09/18/98	1600	22.11	9.69	115.7	115.7
3378	09/18/98	1700	22.08	9.64	115.0	115.0
3379	09/18/98	1800	21.93	9.36	111.4	111.4
3380	09/18/98	1900	21.74	8.95	106.1	106.1
3381	09/18/98	2000	21.56	8.47	100.0	100.0
3382	09/18/98	2100	21.45	8.23	97.0	97.0
3383	09/18/98	2200	21.41	8.23	96.9	96.9
3384	09/18/98	2300	21.43	8.20	96.6	96.6
3385	09/19/98	0	21.50	8.16	96.3	96.3
3386	09/19/98	100	21.56	8.06	95.2	95.2
3387	09/19/98	200	21.49	7.96	93.9	93.9
3388	09/19/98	300	21.34	7.82	92.0	92.0
3389	09/19/98	400	21.11	7.69	90.0	90.0
3390	09/19/98	500	20.89	7.54	88.0	88.0
3391	09/19/98	600	20.64	7.45	86.4	86.4
3392	09/19/98	700	20.39	7.41	85.6	85.6
3393	09/19/98	800	20.24	7.46	85.9	85.9
3394	09/19/98	900	20.24	7.76	89.4	89.4
3395	09/19/98	1000	20.36	7.90	91.2	91.2
3396	09/19/98	1100	20.64	8.69	99.7	99.7
3397	09/19/98	1200	21.08	9.00	105.3	105.3
3398	09/19/98	1300	21.63	9.21	108.9	108.9
3399	09/19/98	1400	22.05	9.42	112.3	112.3
3400	09/19/98	1500	22.29	9.53	114.2	114.2
3401	09/19/98	1600	22.52	9.59	115.4	115.4
3402	09/19/98	1700	22.60	9.61	114.4	114.4
3403	09/19/98	1800	22.42	9.22	110.8	110.8
3404	09/19/98	1900	22.26	8.77	106.0	106.0
3405	09/19/98	2000	22.05	8.32	99.3	99.3
3406	09/19/98	2100	21.91	7.99	95.1	95.1
3407	09/19/98	2200	21.80	7.83	92.9	92.9
3408	09/19/98	2300	21.72	7.70	91.3	91.3
3409	09/20/98	0	21.63	7.61	90.1	90.1
3410	09/20/98	100	21.57	7.66	89.4	89.4
3411	09/20/98	200	21.51	7.44	87.9	87.9
3412	09/20/98	300	21.49	7.37	87.0	87.0
3413	09/20/98	400	21.42	7.26	85.5	85.5
3414	09/20/98	500	21.37	7.27	85.5	85.5
3415	09/20/98	600	21.24	7.19	84.4	84.4
3416	09/20/98	700	21.11	7.15	83.8	83.8
3417	09/20/98	800	21.01	7.23	84.6	84.6
3418	09/20/98	900	21.00	7.66	88.2	88.2
3419	09/20/98	1000	21.17	8.09	94.9	94.9
3420	09/20/98	1100	21.41	8.57	101.0	101.0
3421	09/20/98	1200	21.63	8.89	105.2	105.2
3422	09/20/98	1300	21.72	9.00	106.7	106.7
3423	09/20/98	1400	21.79	9.18	109.0	109.0
3424	09/20/98	1500	21.93	9.30	110.7	110.7
3425	09/20/98	1600	22.07	9.46	112.9	112.9
3426	09/20/98	1700	22.02	9.36	111.6	111.6
3427	09/20/98	1800	21.84	9.08	107.9	107.9
3428	09/20/98	1900	21.56	8.73	103.1	103.1
3429	09/20/98	2000	21.36	8.28	97.5	97.5
3430	09/20/98	2100	21.14	7.98	93.5	93.5
3431	09/20/98	2200	21.01	7.82	91.4	91.4
3432	09/20/98	2300	20.78	7.83	89.7	89.7
3433	09/21/98	0	20.53	7.74	89.2	89.2
3434	09/21/98	100	20.32	7.73	87.2	87.2
3435	09/21/98	200	20.13	7.59	85.6	85.6
3436	09/21/98	300	19.96	7.56	85.1	85.1
3437	09/21/98	400	19.75	7.47	84.3	84.3
3438	09/21/98	500	19.51	7.43	82.0	82.0
3439	09/21/98	600	19.28	7.26	83.6	83.6
3440	09/21/98	700	19.07	7.43	84.0	84.0
3441	09/21/98	800	18.94	7.49	86.8	86.8
3442	09/21/98	900	18.85	7.75	86.8	86.8
3443	09/21/98	1000	18.83	8.08	90.5	90.5
3444	09/21/98	1100	18.87	8.44	94.5	94.5
3445	09/21/98	1200	18.99	8.94	100.4	100.4
3446	09/21/98	1300	19.09	9.23	103.8	103.8
3447	09/21/98	1400	19.14	9.44	106.3	106.3
3448	09/21/98	1500	19.15	9.58	108.0	108.0
3449	09/21/98	1600	19.14	9.61	108.3	108.3
3450	09/21/98	1700	18.99	9.47	106.4	106.4

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	DO SATURATION
3451	09/21/98	1800	18.80	9.29	103.9
3452	09/21/98	1900	18.54	8.99	100.0
3453	09/21/98	2000	18.35	8.63	95.7
3454	09/21/98	2100	18.23	8.39	92.7
3455	09/21/98	2200	18.15	8.33	92.0
3456	09/21/98	2300	18.08	8.26	91.0
3457	09/22/98	0	17.98	8.20	90.2
3458	09/22/98	100	17.89	8.12	89.1
3459	09/22/98	200	17.80	8.07	88.5
3460	09/22/98	300	17.70	8.04	88.0
3461	09/22/98	400	17.60	8.02	87.5
3462	09/22/98	500	17.41	7.96	86.5
3463	09/22/98	600	17.28	7.89	85.6
3464	09/22/98	700	17.12	7.81	84.4
3465	09/22/98	800	16.95	7.70	83.0
3466	09/22/98	900	16.89	7.81	84.0
3467	09/22/98	1000	16.96	7.95	85.7
3468	09/22/98	1100	17.24	8.42	91.3
3469	09/22/98	1200	17.57	8.76	95.5
3470	09/22/98	1300	17.92	8.84	97.2
3471	09/22/98	1400	18.08	9.54	105.2
3472	09/22/98	1500	18.30	9.75	108.0
3473	09/22/98	1600	18.45	9.86	109.6
3474	09/22/98	1700	18.28	9.65	106.9
3475	09/22/98	1800	17.98	9.35	102.8
3476	09/22/98	1900	17.70	9.02	98.7
3477	09/22/98	2000	17.48	8.78	95.6
3478	09/22/98	2100	17.33	8.59	93.3
3479	09/22/98	2200	17.18	8.47	91.6
3480	09/22/98	2300	17.02	8.42	90.9
3481	09/23/98	0	16.85	8.35	89.8
3482	09/23/98	100	16.70	8.34	89.4
3483	09/23/98	200	16.58	8.29	88.6
3484	09/23/98	300	16.43	8.27	88.1
3485	09/23/98	400	16.31	8.21	87.2
3486	09/23/98	500	16.15	8.21	86.9
3487	09/23/98	600	15.99	8.19	86.4
3488	09/23/98	700	15.79	8.14	85.6
3489	09/23/98	800	15.64	8.25	86.4
3490	09/23/98	900	15.54	8.42	88.0
3491	09/23/98	1000	15.59	8.67	90.8
3492	09/23/98	1100	15.89	9.08	95.7
3493	09/23/98	1200	16.38	9.50	101.1
3494	09/23/98	1300	16.90	9.76	105.1
3495	09/23/98	1400	17.31	9.98	108.3
3496	09/23/98	1500	17.43	10.06	109.3
3497	09/23/98	1600	17.52	10.23	111.4
3498	09/23/98	1700	17.50	10.08	109.8
3499	09/23/98	1800	17.35	9.83	106.8
3500	09/23/98	1900	17.18	9.54	103.3
3501	09/23/98	2000	17.04	9.58	96.9
3502	09/23/98	2100	16.92	8.81	94.8
3503	09/23/98	2200	16.87	8.63	92.8
3504	09/23/98	2300	16.84	8.58	91.8
3505	09/24/98	0	16.80	8.58	90.0
3506	09/24/98	100	16.84	8.90	89.2
3507	09/24/98	200	16.87	8.23	88.5
3508	09/24/98	300	16.85	8.29	89.1
3509	09/24/98	400	16.87	8.14	87.5
3510	09/24/98	500	16.82	8.09	86.8
3511	09/24/98	600	16.77	7.80	84.8
3512	09/24/98	700	16.68	7.56	85.3
3513	09/24/98	800	16.67	7.50	84.5
3514	09/24/98	900	16.70	8.12	87.0
3515	09/24/98	1000	16.79	8.31	89.2
3516	09/24/98	1100	16.85	8.69	93.4
3517	09/24/98	1200	16.99	9.08	98.0
3518	09/24/98	1300	17.21	9.46	102.4
3519	09/24/98	1400	17.60	9.75	105.6
3520	09/24/98	1500	18.06	9.99	110.1
3521	09/24/98	1600	18.28	10.05	111.2
3522	09/24/98	1700	18.28	9.92	109.8
3523	09/24/98	1800	18.10	9.53	105.1
3524	09/24/98	1900	17.86	9.18	100.7
3525	09/24/98	2000	17.65	8.62	94.2

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO SATURATION
3526	09/24/98	2100	17.53	8.25	91.2	91.2
3527	09/24/98	2200	17.43	8.25	90.1	90.1
3528	09/24/98	2300	17.31	8.17	88.7	88.7
3529	09/25/98	0	17.24	8.04	87.1	87.1
3530	09/25/98	100	17.16	8.02	86.7	86.7
3531	09/25/98	200	17.07	7.92	85.6	85.6
3532	09/25/98	300	17.01	7.87	84.9	84.9
3533	09/25/98	400	16.92	7.58	81.6	81.6
3534	09/25/98	500	16.84	7.50	81.6	81.6
3535	09/25/98	600	16.79	7.55	81.0	81.0
3536	09/25/98	700	16.77	7.96	86.4	86.4
3537	09/25/98	800	16.75	7.87	84.4	84.4
3538	09/25/98	900	16.72	8.07	86.5	86.5
3539	09/25/98	1000	16.84	8.35	89.8	89.8
3540	09/25/98	1100	17.01	8.75	94.4	94.4
3541	09/25/98	1200	17.19	9.03	97.7	97.7
3542	09/25/98	1300	17.29	9.16	99.4	99.4
3543	09/25/98	1400	17.67	9.49	103.7	103.7
3544	09/25/98	1500	18.08	9.80	108.1	108.1
3545	09/25/98	1600	18.39	9.62	106.8	106.8
3546	09/25/98	1700	18.51	9.76	108.5	108.5
3547	09/25/98	1800	18.39	9.31	103.3	103.3
3548	09/25/98	1900	18.21	9.02	98.7	98.7
3549	09/25/98	2000	18.06	8.79	96.9	96.9
3550	09/25/98	2100	18.01	8.61	94.8	94.8
3551	09/25/98	2200	18.01	8.45	93.0	93.0
3552	09/25/98	2300	18.01	8.30	91.4	91.4
3553	09/26/98	0	18.03	8.23	90.7	90.7
3554	09/26/98	100	18.03	8.06	88.7	88.7
3555	09/26/98	200	18.05	8.04	88.6	88.6
3556	09/26/98	300	18.10	7.91	87.2	87.2
3557	09/26/98	400	18.08	7.92	87.3	87.3
3558	09/26/98	500	18.06	7.84	86.4	86.4
3559	09/26/98	600	17.99	7.81	85.9	85.9
3560	09/26/98	700	17.98	7.67	84.4	84.4
3561	09/26/98	800	17.98	7.68	84.5	84.5
3562	09/26/98	900	17.96	7.58	83.4	83.4
3563	09/26/98	1000	17.86	7.66	84.1	84.1
3564	09/26/98	1100	17.82	7.73	84.8	84.8
3565	09/26/98	1200	17.80	7.94	87.1	87.1
3566	09/26/98	1300	17.84	8.02	87.9	87.9
3567	09/26/98	1400	18.01	8.30	91.4	91.4
3568	09/26/98	1500	18.08	8.46	93.3	93.3
3569	09/26/98	1600	18.11	8.43	93.0	93.0
3570	09/26/98	1700	18.06	8.19	90.2	90.2
3571	09/26/98	1800	18.06	8.03	88.5	88.5
3572	09/26/98	1900	18.04	8.00	88.1	88.1
3573	09/26/98	2000	18.01	7.75	85.3	85.3
3574	09/26/98	2100	17.94	7.79	85.6	85.6
3575	09/26/98	2200	17.87	7.61	83.5	83.5
3576	09/26/98	2300	17.82	7.45	81.7	81.7
3577	09/27/98	0	17.75	7.49	82.0	82.0
3578	09/27/98	100	17.65	7.55	82.5	82.5
3579	09/27/98	200	17.63	7.50	82.0	82.0
3580	09/27/98	300	17.60	7.52	82.1	82.1
3581	09/27/98	400	17.62	7.28	79.5	79.5
3582	09/27/98	500	17.70	7.49	81.9	81.9
3583	09/27/98	600	17.70	7.26	79.5	79.5
3584	09/27/98	700	17.72	7.32	80.1	80.1
3585	09/27/98	800	17.70	7.35	80.4	80.4
3586	09/27/98	900	17.77	7.56	82.8	82.8
3587	09/27/98	1000	17.86	7.93	87.0	87.0
3588	09/27/98	1100	18.01	8.23	90.6	90.6
3589	09/27/98	1200	18.33	8.70	96.4	96.4
3590	09/27/98	1300	18.45	8.95	99.5	99.5
3591	09/27/98	1400	18.66	9.28	103.5	103.5
3592	09/27/98	1500	18.92	9.48	105.4	105.4
3593	09/27/98	1600	19.02	9.58	107.6	107.6
3594	09/27/98	1700	19.06	9.44	106.2	106.2
3595	09/27/98	1800	18.76	8.83	98.7	98.7
3596	09/27/98	1900	18.49	8.26	91.8	91.8
3597	09/27/98	2000	18.27	8.13	90.0	90.0
3598	09/27/98	2100	18.10	7.90	87.1	87.1
3599	09/27/98	2200	17.94	8.04	88.4	88.4
3600	09/27/98	2300	17.79	7.82	85.7	85.7

CHALK HILL/WHITE RAPIDS HWY Z STATION 1998 DATA

OBS	DATE	HOUR	TEMP. (DEGREES C.)	DISSOLVED OXYGEN (MG/L)	% SATURATION	DO
3601	09/28/98	0	17.65	7.78		85.0
3602	09/28/98	100	17.55	7.62		83.1
3603	09/28/98	200	17.36	7.68		83.4
3604	09/28/98	300	17.16	7.65		82.7
3605	09/28/98	400	16.94	7.68		82.7
3606	09/28/98	500	16.68	7.54		80.7
3607	09/28/98	600	16.43	7.42		79.0
3608	09/28/98	700	16.20	7.60		80.6
3609	09/28/98	800	16.01	7.63		80.6
3610	09/28/98	900	15.84	7.70		81.1
3611	09/28/98	1000	15.88	7.94		83.6
3612	09/28/98	1100	16.15	8.62		91.3
3613	09/28/98	1200	16.52	8.97		95.9
3615	09/28/98	1400	17.09	9.35		101.0
3616	09/28/98	1500	17.58	9.53		104.0
3617	09/28/98	1600	17.75	9.84		107.7
3618	09/28/98	1700	17.92	9.52		104.6
3619	09/28/98	1800	17.96	9.77		107.5
3620	09/28/98	1900	17.87	9.05		99.4
3621	09/28/98	2000	17.75	8.68		95.1
3622	09/28/98	2100	17.58	8.50		92.7
3623	09/28/98	2200	17.46	7.96		86.7
3624	09/28/98	2300	17.35	7.90		85.8
3625	09/29/98	0	17.28	8.11		88.0
3626	09/29/98	100	17.21	7.93		85.9
3627	09/29/98	200	17.21	7.98		86.4
3628	09/29/98	300	17.21	7.90		85.6
3629	09/29/98	400	17.28	7.66		83.0
3630	09/29/98	500	17.38	7.88		86.4
3631	09/29/98	600	17.18	7.41		80.1
3632	09/29/98	700	17.12	7.46		80.6
3633	09/29/98	800	17.01	7.69		82.9
3634	09/29/98	900	16.89	7.52		80.9
3635	09/29/98	1000	16.77	7.74		83.1
3636	09/29/98	1100	16.99	7.95		85.3
3637	09/29/98	1200	17.35	8.65		93.3
3638	09/29/98	1300	17.86	8.97		97.5
3639	09/29/98	1400	18.06	9.62		108.6
3640	09/29/98	1500	18.28	9.55		105.2
3641	09/29/98	1600	18.49	10.28		113.8
3642	09/29/98	1700	18.52	10.24		113.9
3643	09/29/98	1800	18.30	10.00		111.2
3644	09/29/98	1900	17.99	9.27		102.7
3645	09/29/98	2000	17.74	8.54		94.0
3646	09/29/98	2100	17.53	7.83		86.8
3647	09/29/98	2200	17.40	7.88		88.1
3648	09/29/98	2300	17.23	8.05		85.5
3649	09/30/98	0	17.06	7.81		87.2
3650	09/30/98	100	16.90	7.77		84.3
3651	09/30/98	200	16.77	7.53		83.6
3652	09/30/98	300	16.67	7.45		80.8
3653	09/30/98	400	16.55	7.48		79.8
3654	09/30/98	500	16.33	7.48		79.8
3655	09/30/98	600	16.11	7.55		80.0
3656	09/30/98	700	15.86	7.42		80.3
3657	09/30/98	800	15.66	7.26		78.6
3658	09/30/98	900	15.46	7.45		76.4
3659	09/30/98	1000	15.51	7.94		78.1
3660	09/30/98	1100	15.54	8.13		82.8
3661	09/30/98	1200	15.51	8.21		84.9
3662	09/30/98	1300	15.46	8.38		85.8
3663	09/30/98	1400	15.46	8.34		87.5
3664	09/30/98	1500	15.42	8.28		87.0
3665	09/30/98	1600	15.44	8.43		86.3
3666	09/30/98	1700	15.56	8.43		88.0
3667	09/30/98	1800	15.57	9.08		95.0
3668	09/30/98	1900	15.52	9.18		96.0
3669	09/30/98	2000	15.37	8.68		90.8
3670	09/30/98	2100	15.19	8.28		86.3
3671	09/30/98	2200	15.16	8.17		84.8
3672	09/30/98	2300	15.09	8.04		83.4
				7.86		81.4