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DEPARTMENT OF  
REGULATORY  
COMMISSION

October 23, 1997

Ms. Lois Cashell, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

RE: Brule Hydroelectric Project - FERC No. 2431-018  
Article 405 - Water Quality Monitoring Report

Wisconsin Electric is hereby filing one original and eight additional copies of the results of the water quality monitoring for the Brule Project performed during the months of June, July, August and September of 1997.

The Commission issued a new license on August 29, 1995 for the above project and by order dated September 10, 1997 approved and modified Wisconsin Electric water quality monitoring plan. The monitoring plan assures that the Brule Plant's discharge meets the state's water quality standards for temperature and dissolved oxygen (DO). The applicable mean temperature standards for the months of monitoring (June, July, August and September) are 80°F (26.7°C), 83°F (28.3 °C), 81°F (27.2°C) and 74°F (23.3°C), respectively. The applicable DO standard is 5.0 mg/l. at all times.

The attached table and supporting appendices document 100% compliance with these standards.

In addition, it should be noted that data recovery from our monitoring instruments (Hydrolab Recorder - Water Quality Multiprobe Logger) was 100% for the entire four month period (June 1 through September 30, 1997).

A diskette containing the raw data and accompanying explanatory sheet is submitted to Mr. Gary Whelan for the Michigan DNR use.

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*

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

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Enclosures

cc: Mr. Tom Thuemler, WDNR  
Mr. Gary Whelan, MDNR

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

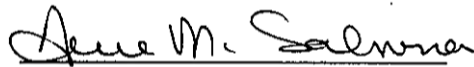
F:\WINUSER\WINWORD\BRULWQ1.DOC

971027-0566-3

# 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 Thursday, October 23, 1997.



Annie Salmona  
Hydro Licensing  
Wisconsin Electric Power Co.

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

Brule 1997 Hydro Data Summary

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Brule Gauging Station

Brule Tailrace Station

**Temperature (Degrees C)**

Month	Number of Observations	Mean	Maximum	Minimum
6	720	18.3	25.0	12.3
7	744	19.5	25.6	13.0
8	744	16.9	24.9	12.4
9	720	14.3	19.2	9.4

**Temperature (Degrees C)**

Month	Number of Observations	Mean	Maximum	Minimum
6	720	18.4	22.3	14.1
7	744	20.9	22.8	17.9
8	744	19.3	22.7	16.4
9	720	15.9	17.8	13.9

**Dissolved Oxygen (PPM)**

Month	Number of Observations	Mean	Maximum	Minimum
6	720	8.6	10.2	6.5
7	744	8.4	10.0	6.6
8	744	8.8	10.8	7.5
9	720	9.3	11.0	8.1

**Dissolved Oxygen (PPM)**

Month	Number of Observations	Mean	Maximum	Minimum
6	720	7.9	9.4	6.4
7	744	7.1	7.9	5.8
8	744	7.6	9.0	6.4
9	720	8.2	8.6	7.4

**Dissolved Oxygen (% Saturation)**

Month	Number of Observations	Mean	Maximum	Minimum
6	720	93	114	76
7	744	93	110	77
8	744	92	114	76
9	720	93	111	81

**Dissolved Oxygen (% Saturation)**

Month	Number of Observations	Mean	Maximum	Minimum
6	720	86	96	72
7	744	81	90	68
8	744	83	98	73
9	720	85	92	76

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BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1	06/01/97	0	14.06	9.21	90.8
2	06/01/97	100	14.11	9.22	90.9
3	06/01/97	200	14.17	9.24	91.3
4	06/01/97	300	14.34	9.29	92.1
5	06/01/97	400	14.42	9.39	93.2
6	06/01/97	500	14.37	9.39	93.3
7	06/01/97	600	14.41	9.40	93.3
8	06/01/97	700	14.37	9.38	93.0
9	06/01/97	800	14.47	9.39	93.4
10	06/01/97	900	14.49	9.39	93.4
11	06/01/97	1000	14.57	9.39	93.6
12	06/01/97	1100	14.59	9.38	93.6
13	06/01/97	1200	14.76	9.39	93.9
14	06/01/97	1300	14.76	9.41	94.2
15	06/01/97	1400	14.79	9.42	94.2
16	06/01/97	1500	14.74	9.41	94.1
17	06/01/97	1600	14.47	9.36	93.0
18	06/01/97	1700	14.32	9.31	92.3
19	06/01/97	1800	14.26	9.28	91.9
20	06/01/97	1900	14.24	9.24	91.4
21	06/01/97	2000	14.24	9.22	91.2
22	06/01/97	2100	14.46	9.26	92.0
23	06/01/97	2200	14.42	9.28	92.1
24	06/01/97	2300	14.46	9.24	91.9
25	06/02/97	0	14.52	9.07	90.3
26	06/02/97	100	14.82	9.10	91.2
27	06/02/97	200	15.14	9.22	93.0
28	06/02/97	300	15.14	9.09	91.7
29	06/02/97	400	15.17	9.05	91.4
30	06/02/97	500	15.14	9.01	90.9
31	06/02/97	600	15.16	8.98	90.6
32	06/02/97	700	15.11	8.97	90.4
33	06/02/97	800	15.26	8.97	90.4
34	06/02/97	900	15.37	8.24	93.4
35	06/02/97	1000	15.24	9.23	93.5
36	06/02/97	1100	15.19	9.25	93.2
37	06/02/97	1200	14.99	9.25	93.0
38	06/02/97	1300	14.86	9.21	92.3
39	06/02/97	1400	14.59	9.14	91.1
40	06/02/97	1500	14.59	9.09	90.0
41	06/02/97	1600	14.29	9.03	89.0
42	06/02/97	1700	14.12	9.00	89.0
43	06/02/97	1800	14.17	9.00	89.1
44	06/02/97	1900	14.29	9.04	90.1
45	06/02/97	2000	14.59	9.05	90.9
46	06/02/97	2100	14.92	9.11	92.3
47	06/02/97	2200	15.35	9.11	92.3
48	06/02/97	2300	15.61	9.11	92.7
49	06/03/97	0	15.69	9.08	92.7
50	06/03/97	100	15.86	9.12	93.4
51	06/03/97	200	15.96	9.13	93.4
52	06/03/97	300	16.04	9.10	93.6
53	06/03/97	400	15.93	9.09	93.2
54	06/03/97	500	15.93	9.11	93.4
55	06/03/97	600	15.86	9.10	93.2
56	06/03/97	700	15.84	9.07	92.9
57	06/03/97	800	15.84	9.05	92.7
58	06/03/97	900	15.91	9.05	92.8
59	06/03/97	1000	15.93	9.08	93.1
60	06/03/97	1100	15.91	9.08	93.2
61	06/03/97	1200	15.86	9.08	93.0
62	06/03/97	1300	15.84	9.01	92.2
63	06/03/97	1400	15.83	9.08	92.9
64	06/03/97	1500	15.73	9.04	92.6
65	06/03/97	1600	15.76	9.04	92.4
66	06/03/97	1700	15.71	9.07	92.6
67	06/03/97	1800	15.76	9.02	92.2
68	06/03/97	1900	15.93	9.05	92.8
69	06/03/97	2000	16.16	9.06	93.4
70	06/03/97	2100	16.18	9.04	93.2
71	06/03/97	2200	16.38	9.02	93.5
72	06/03/97	2300	16.41	8.96	92.9
73	06/03/97	0	16.36	9.01	93.3
74	06/04/97	100	16.47	9.02	93.6
			16.52	9.05	94.0

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
75	06/04/97	200	16.55	9.00	93.5
76	06/04/97	300	16.57	8.99	93.5
77	06/04/97	400	16.48	8.98	93.2
78	06/04/97	500	16.58	8.96	93.2
79	06/04/97	600	16.52	8.95	92.6
80	06/04/97	700	16.43	8.93	92.9
81	06/04/97	800	16.53	8.94	93.0
82	06/04/97	900	16.62	8.94	93.2
83	06/04/97	1000	16.70	8.94	93.7
84	06/04/97	1100	16.79	8.97	94.4
85	06/04/97	1200	16.90	9.01	95.0
86	06/04/97	1300	17.09	9.03	95.4
87	06/04/97	1400	17.07	9.08	94.5
88	06/04/97	1500	16.82	9.04	94.8
89	06/04/97	1600	16.94	9.04	95.0
90	06/04/97	1700	16.85	9.08	96.3
91	06/04/97	1800	17.34	9.12	95.8
92	06/04/97	1900	17.36	9.06	95.8
93	06/04/97	2000	17.48	9.04	95.8
94	06/04/97	2100	17.51	9.03	96.4
95	06/04/97	2200	17.62	9.07	96.1
96	06/04/97	2300	17.53	9.06	95.5
97	06/05/97	0	17.41	9.03	95.1
98	06/05/97	100	17.34	9.00	94.4
99	06/05/97	200	17.33	8.94	94.7
100	06/05/97	300	17.26	8.98	94.7
101	06/05/97	400	17.12	8.92	93.9
102	06/05/97	500	16.95	8.86	93.1
103	06/05/97	600	17.01	8.86	93.0
104	06/05/97	700	17.01	8.82	92.6
105	06/05/97	800	17.09	8.82	92.7
106	06/05/97	900	17.07	8.78	92.2
107	06/05/97	1000	17.06	8.78	92.2
108	06/05/97	1100	17.11	8.77	92.2
109	06/05/97	1200	17.06	8.79	92.3
110	06/05/97	1300	17.04	8.68	91.8
111	06/05/97	1400	17.02	8.63	91.1
112	06/05/97	1500	17.04	8.61	91.0
113	06/05/97	1600	16.97	8.62	90.9
114	06/05/97	1700	16.94	8.44	89.0
115	06/05/97	1800	16.94	8.25	87.0
116	06/05/97	1900	16.90	8.21	86.5
117	06/05/97	2000	16.94	8.14	85.8
118	06/05/97	2100	16.94	8.19	85.4
119	06/05/97	2200	16.97	8.12	85.3
120	06/05/97	2300	17.01	8.45	89.2
121	06/06/97	0	17.06	8.48	89.7
122	06/06/97	100	17.02	8.50	89.9
123	06/06/97	200	17.01	8.52	90.0
124	06/06/97	300	16.97	8.48	89.5
125	06/06/97	400	16.97	8.51	89.8
126	06/06/97	500	17.02	8.47	89.5
127	06/06/97	600	17.04	8.42	89.0
128	06/06/97	700	16.90	8.21	86.5
129	06/06/97	800	16.94	8.17	86.2
130	06/06/97	900	16.94	8.15	86.0
131	06/06/97	1000	16.95	8.13	85.8
132	06/06/97	1100	16.93	8.10	85.4
133	06/06/97	1200	16.89	8.11	85.5
134	06/06/97	1300	16.85	8.11	85.4
135	06/06/97	1400	16.87	8.34	87.8
136	06/06/97	1500	16.87	8.35	87.8
137	06/06/97	1600	16.84	8.35	87.8
138	06/06/97	1700	16.85	8.32	87.6
139	06/06/97	1800	16.87	8.31	87.5
140	06/06/97	1900	16.84	8.26	86.8
141	06/06/97	2000	16.87	8.26	87.0
142	06/06/97	2100	16.90	8.27	87.1
143	06/06/97	2200	16.99	8.31	87.7
144	06/06/97	2300	16.99	8.35	88.0
145	06/07/97	0	16.89	8.34	87.9
146	06/07/97	100	16.95	8.36	88.3
147	06/07/97	200	17.02	8.36	88.3
148	06/07/97	300	17.11	8.39	88.8

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
149	06/07/97	400	17.17	8.32	88.2
150	06/07/97	500	17.14	8.21	87.0
151	06/07/97	500	17.11	8.40	88.9
152	06/07/97	700	16.94	8.34	88.0
153	06/07/97	800	17.02	8.36	88.3
154	06/07/97	900	16.95	8.38	88.4
155	06/07/97	1000	16.90	8.41	88.7
156	06/07/97	1100	16.89	8.33	87.8
157	06/07/97	1200	16.68	8.26	86.7
158	06/07/97	1300	16.57	8.24	86.3
159	06/07/97	1400	16.30	8.20	85.3
160	06/07/97	1500	16.13	8.25	85.6
161	06/07/97	1600	16.06	8.15	84.4
162	06/07/97	1700	16.16	8.15	84.5
163	06/07/97	1800	16.21	8.21	85.3
164	06/07/97	1900	16.31	8.23	85.7
165	06/07/97	2000	16.31	8.27	86.1
166	06/07/97	2100	16.47	8.27	86.5
167	06/07/97	2200	16.50	8.29	86.9
168	06/07/97	2300	16.77	8.34	87.6
169	06/08/97	0	16.89	8.38	88.3
170	06/08/97	100	16.85	8.43	88.7
171	06/08/97	200	16.87	8.43	88.8
172	06/08/97	300	16.82	8.41	88.5
173	06/08/97	400	16.88	8.44	88.9
174	06/08/97	500	16.90	8.40	88.5
175	06/08/97	600	16.87	8.41	88.6
176	06/08/97	700	16.89	8.45	89.1
177	06/08/97	800	17.14	8.32	88.1
178	06/08/97	900	17.14	8.37	88.6
179	06/08/97	1000	17.48	8.59	91.7
180	06/08/97	1100	17.42	8.57	91.3
181	06/08/97	1200	17.36	8.56	91.1
182	06/08/97	1300	17.29	8.29	88.1
183	06/08/97	1400	17.21	8.29	87.9
184	06/08/97	1500	17.09	8.26	87.4
185	06/08/97	1600	17.07	8.25	87.3
186	06/08/97	1700	17.02	8.22	86.9
187	06/08/97	1800	17.01	8.23	86.9
188	06/08/97	1900	17.05	8.23	87.0
189	06/08/97	2000	17.19	8.27	87.7
190	06/08/97	2100	17.34	8.27	87.9
191	06/08/97	2200	17.33	8.22	87.5
192	06/08/97	2300	17.39	8.22	87.5
193	06/09/97	0	17.53	8.29	88.6
194	06/09/97	100	17.54	8.36	89.3
195	06/09/97	200	17.62	8.40	89.9
196	06/09/97	300	17.66	8.40	90.0
197	06/09/97	400	17.68	8.40	90.0
198	06/09/97	500	17.64	8.36	89.5
199	06/09/97	600	17.61	8.33	89.1
200	06/09/97	700	17.63	8.33	89.1
201	06/09/97	800	17.71	8.35	89.5
202	06/09/97	900	17.73	8.36	89.7
203	06/09/97	1000	17.85	8.37	89.0
204	06/09/97	1100	17.93	8.41	90.5
205	06/09/97	1200	18.02	8.58	92.5
206	06/09/97	1300	17.94	8.57	92.3
207	06/09/97	1400	18.10	8.62	93.2
208	06/09/97	1500	17.87	8.61	92.6
209	06/09/97	1600	17.90	8.59	92.5
210	06/09/97	1700	17.83	8.59	92.3
211	06/09/97	1800	17.88	8.63	92.9
212	06/09/97	1900	17.97	8.50	91.6
213	06/09/97	2000	18.12	8.53	92.2
214	06/09/97	2100	18.30	8.50	92.2
215	06/09/97	2200	18.36	8.50	92.4
216	06/09/97	2300	18.31	8.46	91.8
217	06/10/97	0	18.58	8.45	91.8
218	06/10/97	100	18.43	8.58	93.3
219	06/10/97	200	18.45	8.68	94.5
220	06/10/97	300	18.53	8.74	95.3
221	06/10/97	400	18.45	8.71	94.8
222	06/10/97	500	18.50	8.75	95.3

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
223	06/10/97	600	18.38	8.73	94.9
224	06/10/97	700	18.38	8.71	94.6
225	06/10/97	800	18.46	8.69	94.6
226	06/10/97	900	18.57	8.73	95.2
227	06/10/97	1000	18.69	8.74	95.5
228	06/10/97	1100	18.75	8.73	95.6
229	06/10/97	1200	18.67	8.67	94.8
230	06/10/97	1300	18.82	8.70	95.4
231	06/10/97	1400	18.79	8.69	95.2
232	06/10/97	1500	18.77	8.69	95.2
233	06/10/97	1600	18.94	8.70	95.6
234	06/10/97	1700	18.69	8.62	94.3
235	06/10/97	1800	18.70	8.42	92.1
236	06/10/97	1900	19.12	8.48	93.6
237	06/10/97	2000	19.17	8.46	93.4
238	06/10/97	2100	18.50	8.46	92.1
239	06/10/97	2200	18.35	8.48	91.8
240	06/10/97	2300	18.34	8.39	91.1
241	06/11/97	0	18.28	8.41	91.2
242	06/11/97	100	18.38	8.37	90.4
243	06/11/97	200	18.41	8.32	90.4
244	06/11/97	300	18.41	8.39	91.2
245	06/11/97	400	18.45	8.39	91.3
246	06/11/97	500	18.46	8.35	90.8
247	06/11/97	600	18.46	8.38	91.3
248	06/11/97	700	18.48	8.40	91.5
249	06/11/97	800	18.60	8.39	91.6
250	06/11/97	900	18.77	8.13	89.0
251	06/11/97	1000	18.89	8.18	89.8
252	06/11/97	1100	18.82	8.23	90.3
253	06/11/97	1200	18.89	8.25	90.6
254	06/11/97	1300	19.15	8.57	94.6
255	06/11/97	1400	19.22	8.61	95.1
256	06/11/97	1500	19.17	8.61	95.0
257	06/11/97	1600	19.15	8.69	94.8
258	06/11/97	1700	19.05	8.60	94.8
259	06/11/97	1800	19.48	8.67	96.3
260	06/11/97	1900	19.45	8.44	93.7
261	06/11/97	2000	19.27	8.48	93.8
262	06/11/97	2100	19.31	8.44	93.4
263	06/11/97	2200	19.24	8.46	93.5
264	06/11/97	2300	19.12	8.39	92.6
265	06/12/97	0	19.07	8.35	92.0
266	06/12/97	100	19.10	8.20	90.4
267	06/12/97	200	19.10	8.14	89.8
268	06/12/97	300	19.07	8.07	89.0
269	06/12/97	400	19.08	8.02	88.4
270	06/12/97	500	19.12	8.00	88.3
271	06/12/97	600	19.08	7.97	87.8
272	06/12/97	700	19.13	7.97	87.9
273	06/12/97	800	19.13	7.95	87.8
274	06/12/97	900	19.08	7.97	87.8
275	06/12/97	1000	19.07	7.92	87.3
276	06/12/97	1100	19.10	7.92	87.3
277	06/12/97	1200	19.26	8.19	90.6
278	06/12/97	1300	18.94	8.06	88.7
279	06/12/97	1400	18.86	8.04	88.2
280	06/12/97	1500	18.96	7.99	87.9
281	06/12/97	1600	18.88	7.98	87.6
282	06/12/97	1700	18.88	7.95	87.3
283	06/12/97	1800	18.94	7.92	87.0
284	06/12/97	1900	18.62	7.90	86.2
285	06/12/97	2000	18.72	7.87	86.2
286	06/12/97	2100	18.65	7.85	85.8
287	06/12/97	2200	18.72	7.83	85.7
288	06/12/97	2300	18.79	7.80	85.5
289	06/13/97	0	18.89	7.80	85.7
290	06/13/97	100	18.98	7.79	85.7
291	06/13/97	200	19.00	7.80	85.8
292	06/13/97	300	19.00	7.78	85.6
293	06/13/97	400	19.03	7.76	85.4
294	06/13/97	500	19.07	7.77	85.7
295	06/13/97	600	18.98	7.77	85.5
296	06/13/97	700	19.05	7.78	85.7

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
297	06/13/97	800	19.36	7.62	84.5
298	06/13/97	900	19.32	7.65	84.8
299	06/13/97	1000	19.27	7.61	84.2
300	06/13/97	1100	19.34	7.64	84.6
301	06/13/97	1200	19.51	7.67	85.3
302	06/13/97	1300	19.60	7.71	85.8
303	06/13/97	1400	19.74	7.76	86.6
304	06/13/97	1500	20.35	7.85	88.8
305	06/13/97	1600	20.66	8.15	92.7
306	06/13/97	1700	20.72	8.17	93.0
307	06/13/97	1800	20.72	8.22	93.6
308	06/13/97	1900	20.35	8.14	92.0
309	06/13/97	2000	20.38	8.09	91.5
310	06/13/97	2100	20.19	7.95	89.6
311	06/13/97	2200	20.05	7.89	88.7
312	06/13/97	2300	19.90	7.88	88.3
313	06/14/97	0	19.79	7.80	87.2
314	06/14/97	100	19.65	7.74	86.1
315	06/14/97	200	19.46	7.71	85.7
316	06/14/97	300	19.36	7.70	85.4
317	06/14/97	400	19.27	7.65	84.7
318	06/14/97	500	19.27	7.66	84.8
319	06/14/97	600	19.31	7.62	84.4
320	06/14/97	700	19.26	7.63	84.4
321	06/14/97	800	19.29	7.48	82.8
322	06/14/97	900	19.36	7.49	83.0
323	06/14/97	1000	19.48	7.52	83.8
324	06/14/97	1100	19.62	7.77	86.6
325	06/14/97	1200	19.65	7.79	86.8
326	06/14/97	1300	19.60	7.73	86.1
327	06/14/97	1400	20.02	7.76	87.2
328	06/14/97	1500	19.55	7.71	86.5
329	06/14/97	1600	19.97	7.69	86.2
330	06/14/97	1700	19.91	7.64	85.9
331	06/14/97	1800	20.02	7.43	82.6
332	06/14/97	1900	19.84	7.38	81.6
333	06/14/97	2000	19.60	7.32	81.6
334	06/14/97	2100	19.58	7.53	83.8
335	06/14/97	2200	19.39	7.49	83.1
336	06/14/97	2300	19.26	7.47	82.7
337	06/15/97	0	19.51	7.46	82.6
338	06/15/97	100	19.24	7.44	82.3
339	06/15/97	200	19.41	7.45	82.7
340	06/15/97	300	19.39	7.48	82.9
341	06/15/97	400	19.34	7.45	82.6
342	06/15/97	500	19.32	7.49	83.0
343	06/15/97	600	19.17	7.43	82.1
344	06/15/97	700	19.15	7.43	82.0
345	06/15/97	800	19.17	7.40	81.7
346	06/15/97	900	19.20	7.40	81.7
347	06/15/97	1000	19.05	7.43	82.1
348	06/15/97	1100	19.01	7.44	81.9
349	06/15/97	1200	19.07	7.44	82.4
350	06/15/97	1300	19.01	7.42	81.7
351	06/15/97	1400	19.03	7.37	81.2
352	06/15/97	1500	18.89	7.31	80.2
353	06/15/97	1600	18.70	7.28	79.1
354	06/15/97	1700	18.40	7.20	78.3
355	06/15/97	1800	18.43	7.03	76.5
356	06/15/97	1900	18.43	7.23	78.6
357	06/15/97	2000	18.40	7.28	79.2
358	06/15/97	2100	18.40	7.26	79.1
359	06/15/97	2200	18.52	7.31	79.8
360	06/15/97	2300	18.60	7.31	80.1
361	06/16/97	0	18.68	7.33	80.1
362	06/16/97	100	18.74	7.40	81.0
363	06/16/97	200	18.67	7.39	80.8
364	06/16/97	300	18.68	7.35	80.4
365	06/16/97	400	18.60	7.36	80.3
366	06/16/97	500	18.53	7.31	79.7
367	06/16/97	600	18.53	7.30	79.6
368	06/16/97	700	18.52	7.33	80.0
369	06/16/97	800	18.52	7.33	79.8
370	06/16/97	900	18.48	7.35	80.0



## BRULE 1997 TAILRAGE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
371	06/16/97	1000	17.71	6.73	72.1
372	06/16/97	1100	18.57	7.33	79.9
373	06/16/97	1200	18.67	7.41	81.0
374	06/16/97	1300	18.57	7.41	80.8
375	06/16/97	1400	18.62	7.46	81.4
376	06/16/97	1500	18.69	7.57	82.8
377	06/16/97	1600	18.74	7.57	82.9
378	06/16/97	1700	18.72	7.57	82.9
379	06/16/97	1800	18.74	7.51	82.2
380	06/16/97	1900	18.67	7.50	82.0
381	06/16/97	2000	18.69	7.44	81.4
382	06/16/97	2100	18.60	7.41	80.9
383	06/16/97	2200	18.48	7.33	79.9
384	06/16/97	2300	18.40	7.35	79.9
385	06/17/97	0	18.19	7.25	78.8
386	06/17/97	100	18.05	7.27	78.5
387	06/17/97	200	18.03	7.30	78.8
388	06/17/97	300	17.90	7.32	78.7
389	06/17/97	400	17.81	7.27	78.1
390	06/17/97	500	17.80	7.27	78.0
391	06/17/97	600	17.78	7.31	78.4
392	06/17/97	700	17.75	7.36	78.0
393	06/17/97	800	17.71	7.37	79.0
394	06/17/97	900	17.82	7.41	79.6
395	06/17/97	1000	17.83	7.38	79.3
396	06/17/97	1100	17.83	7.46	80.2
397	06/17/97	1200	17.99	7.53	81.2
398	06/17/97	1300	17.97	7.45	80.3
399	06/17/97	1400	17.87	7.56	81.3
400	06/17/97	1500	17.71	7.40	79.4
401	06/17/97	1600	17.72	7.51	80.5
402	06/17/97	1700	17.67	7.33	78.5
403	06/17/97	1800	17.64	7.22	77.2
404	06/17/97	1900	17.54	7.23	77.2
405	06/17/97	2000	17.36	7.11	75.7
406	06/17/97	2100	17.36	7.12	75.8
407	06/17/97	2200	17.31	7.17	76.2
408	06/17/97	2300	17.33	7.15	75.1
409	06/18/97	0	17.30	7.14	75.9
410	06/18/97	100	17.24	7.12	75.6
411	06/18/97	200	17.31	7.12	75.7
412	06/18/97	300	17.34	7.10	75.5
413	06/18/97	400	17.34	7.10	75.5
414	06/18/97	500	17.31	7.10	75.4
415	06/18/97	600	17.29	7.11	75.6
416	06/18/97	700	17.23	7.14	75.8
417	06/18/97	800	17.19	7.09	75.1
418	06/18/97	900	17.24	7.35	78.0
419	06/18/97	1000	17.18	7.42	78.6
420	06/18/97	1100	17.20	7.44	79.0
421	06/18/97	1200	17.18	7.51	79.6
422	06/18/97	1300	17.21	7.59	80.5
423	06/18/97	1400	17.30	7.65	81.3
424	06/18/97	1500	17.41	7.72	82.3
425	06/18/97	1600	17.36	7.66	81.5
426	06/18/97	1700	17.37	7.59	80.8
427	06/18/97	1800	17.33	7.61	80.9
428	06/18/97	1900	17.23	7.55	80.1
429	06/18/97	2000	17.22	7.55	80.1
430	06/18/97	2100	17.22	7.51	78.7
431	06/18/97	2200	17.23	7.54	80.0
432	06/18/97	2300	17.20	7.50	79.5
433	06/19/97	0	17.19	7.52	79.8
434	06/19/97	100	17.31	7.43	79.0
435	06/19/97	200	17.33	7.38	78.6
436	06/19/97	300	17.28	7.42	78.8
437	06/19/97	400	17.29	7.38	78.5
438	06/19/97	500	17.30	7.40	78.6
439	06/19/97	600	17.28	7.51	79.8
440	06/19/97	700	17.25	7.56	80.3
441	06/19/97	800	17.20	7.60	80.5
442	06/19/97	900	17.16	7.64	80.9
443	06/19/97	1000	17.17	7.66	81.2
444	06/19/97	1100	17.11	7.77	82.2

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
445	06/19/97	1200	17.08	7.54	79.8
446	06/19/97	1300	17.01	7.48	79.0
447	06/19/97	1400	16.95	7.38	77.9
448	06/19/97	1500	16.90	7.39	77.9
449	06/19/97	1600	16.84	7.43	78.5
450	06/19/97	1700	16.82	7.43	78.5
451	06/19/97	1800	16.77	7.40	78.1
452	06/19/97	1900	16.74	7.43	78.4
453	06/19/97	2000	16.70	7.43	78.3
454	06/19/97	2100	16.74	7.45	78.6
455	06/19/97	2200	16.75	7.41	78.1
456	06/19/97	2300	16.74	7.43	78.4
457	06/20/97	0	16.75	7.44	78.5
458	06/20/97	100	16.82	7.42	78.4
459	06/20/97	200	16.75	7.38	77.8
460	06/20/97	300	16.77	7.40	78.1
461	06/20/97	400	16.77	7.41	78.2
462	06/20/97	500	16.84	7.44	78.6
463	06/20/97	600	16.80	7.44	78.6
464	06/20/97	700	16.74	7.44	78.5
465	06/20/97	800	16.72	7.45	78.5
466	06/20/97	900	16.74	7.45	78.6
467	06/20/97	1000	16.82	7.49	79.1
468	06/20/97	1100	16.84	7.49	79.2
469	06/20/97	1200	16.85	7.60	80.4
470	06/20/97	1300	17.02	7.64	81.0
471	06/20/97	1400	17.02	7.61	80.7
472	06/20/97	1500	17.12	7.63	81.2
473	06/20/97	1600	17.45	7.73	82.7
474	06/20/97	1700	17.53	7.77	83.3
475	06/20/97	1800	17.74	7.75	83.5
476	06/20/97	1900	17.60	7.72	82.9
477	06/20/97	2000	17.46	7.73	82.8
478	06/20/97	2100	17.36	7.70	82.3
479	06/20/97	2200	17.29	7.71	82.3
480	06/20/97	2300	17.19	7.68	81.8
481	06/21/97	0	17.11	7.64	81.2
482	06/21/97	100	17.11	7.65	81.3
483	06/21/97	200	17.06	7.68	81.6
484	06/21/97	300	17.09	7.67	81.5
485	06/21/97	400	17.14	7.67	81.5
486	06/21/97	500	17.09	7.67	81.5
487	06/21/97	600	17.18	7.64	81.4
488	06/21/97	700	17.21	7.72	82.2
489	06/21/97	800	17.18	7.73	82.2
490	06/21/97	900	17.23	7.67	81.8
491	06/21/97	1000	17.34	7.72	82.4
492	06/21/97	1100	17.41	7.74	82.8
493	06/21/97	1200	17.48	7.74	82.8
494	06/21/97	1300	17.63	7.81	83.9
495	06/21/97	1400	17.94	7.82	84.5
496	06/21/97	1500	18.04	7.83	84.9
497	06/21/97	1600	18.30	7.82	85.1
498	06/21/97	1700	18.40	7.80	85.2
499	06/21/97	1800	18.50	7.83	85.6
500	06/21/97	1900	18.45	7.82	85.5
501	06/21/97	2000	18.35	7.80	85.1
502	06/21/97	2100	18.18	7.81	84.9
503	06/21/97	2200	17.99	7.76	84.0
504	06/21/97	2300	17.89	7.75	83.7
505	06/22/97	0	17.65	7.76	83.4
506	06/22/97	100	17.70	7.77	83.6
507	06/22/97	200	17.72	7.77	83.6
508	06/22/97	300	17.74	7.75	83.5
509	06/22/97	400	17.72	7.77	83.6
510	06/22/97	500	17.80	7.78	83.9
511	06/22/97	600	17.84	7.78	83.9
512	06/22/97	700	17.85	7.78	84.3
513	06/22/97	800	17.94	7.80	84.3
514	06/22/97	900	18.06	7.80	84.5
515	06/22/97	1000	18.25	7.83	85.2
516	06/22/97	1100	18.52	7.84	85.7
517	06/22/97	1200	18.74	7.83	86.0
518	06/22/97	1300	19.05	7.85	86.8

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
519	06/22/97	1400	19.04	7.80	86.3
520	06/22/97	1500	19.11	7.86	87.1
521	06/22/97	1600	19.18	7.85	87.0
522	06/22/97	1700	19.33	7.89	87.8
523	06/22/97	1800	19.35	7.81	86.9
524	06/22/97	1900	19.05	7.82	86.5
525	06/22/97	2000	18.88	7.81	86.1
526	06/22/97	2100	18.66	7.81	85.7
527	06/22/97	2200	18.54	7.80	85.4
528	06/22/97	2300	18.47	7.79	85.1
529	06/23/97	0	18.44	7.81	85.3
530	06/23/97	100	18.40	7.80	85.2
531	06/23/97	200	18.64	7.78	85.3
532	06/23/97	300	18.69	7.76	85.3
533	06/23/97	400	18.66	7.77	85.2
534	06/23/97	500	18.69	7.75	85.2
535	06/23/97	600	18.69	7.73	84.9
536	06/23/97	700	18.64	7.75	85.0
537	06/23/97	800	18.69	7.74	85.0
538	06/23/97	900	18.64	7.73	84.8
539	06/23/97	1000	18.59	7.77	85.2
540	06/23/97	1100	18.56	7.75	84.9
541	06/23/97	1200	18.59	7.75	84.9
542	06/23/97	1300	18.62	7.74	84.9
543	06/23/97	1400	18.32	7.38	80.3
544	06/23/97	1500	18.40	7.36	80.3
545	06/23/97	1600	19.19	7.68	85.2
546	06/23/97	1700	19.14	7.74	85.8
547	06/23/97	1800	19.52	7.75	86.5
548	06/23/97	1900	19.37	7.65	85.2
549	06/23/97	2000	19.33	7.73	86.0
550	06/23/97	2100	19.26	7.67	85.1
551	06/23/97	2200	19.24	7.68	85.3
552	06/23/97	2300	19.18	7.66	85.0
553	06/24/97	0	19.23	7.67	85.2
554	06/24/97	100	19.14	7.67	85.0
555	06/24/97	200	19.11	7.64	84.6
556	06/24/97	300	18.95	7.66	84.6
557	06/24/97	400	19.09	7.66	84.8
558	06/24/97	500	19.14	7.68	85.1
559	06/24/97	600	19.00	7.67	84.8
560	06/24/97	700	19.19	7.67	85.1
561	06/24/97	800	19.28	7.71	85.7
562	06/24/97	900	19.43	7.74	86.3
563	06/24/97	1000	19.56	7.38	82.5
564	06/24/97	1100	19.07	7.57	83.8
565	06/24/97	1200	19.04	7.59	83.9
566	06/24/97	1300	18.92	7.56	83.4
567	06/24/97	1400	18.97	7.60	83.8
568	06/24/97	1500	19.30	7.55	83.9
569	06/24/97	1600	19.21	7.58	84.1
570	06/24/97	1700	19.47	7.65	85.3
571	06/24/97	1800	19.52	7.67	85.6
572	06/24/97	1900	19.40	7.67	85.5
573	06/24/97	2000	19.52	7.67	85.6
574	06/24/97	2100	19.59	7.64	85.5
575	06/24/97	2200	19.68	7.63	85.4
576	06/24/97	2300	19.66	7.62	85.3
577	06/25/97	0	19.99	7.68	86.6
578	06/25/97	100	20.15	7.70	87.1
579	06/25/97	200	20.23	7.74	87.7
580	06/25/97	300	20.32	7.67	87.1
581	06/25/97	400	20.23	7.67	86.9
582	06/25/97	500	20.18	7.65	86.5
583	06/25/97	600	20.20	7.62	86.3
584	06/25/97	700	20.28	7.63	86.6
585	06/25/97	800	20.11	7.65	86.4
586	06/25/97	900	20.30	7.65	86.8
587	06/25/97	1000	20.29	7.69	87.2
588	06/25/97	1100	20.58	7.69	87.7
589	06/25/97	1200	20.71	7.71	88.1
590	06/25/97	1300	20.86	7.72	88.6
591	06/25/97	1400	20.83	7.68	88.1
592	06/25/97	1500	20.86	7.71	88.5

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
593	06/25/97	1600	20.88	7.71	88.5
594	06/25/97	1700	20.71	7.67	87.7
595	06/25/97	1800	20.65	7.68	87.7
596	06/25/97	1900	20.62	7.65	87.3
597	06/25/97	2000	20.32	7.55	86.8
598	06/25/97	2100	20.25	7.58	85.8
599	06/25/97	2200	20.39	7.56	85.9
600	06/25/97	2300	20.29	7.51	85.2
601	06/26/97	0	20.20	7.50	84.9
602	06/26/97	100	20.23	7.47	84.7
603	06/26/97	200	20.23	7.46	84.4
604	06/26/97	300	20.23	7.43	84.1
605	06/26/97	400	20.46	7.35	83.7
606	06/26/97	500	20.46	7.35	83.7
607	06/26/97	600	20.48	7.34	83.6
608	06/26/97	700	20.48	7.33	83.5
609	06/26/97	800	20.36	7.35	83.4
610	06/26/97	900	20.51	7.42	83.4
611	06/26/97	1000	20.78	7.48	85.6
612	06/26/97	1100	20.93	7.44	85.4
613	06/26/97	1200	20.97	7.55	86.8
614	06/26/97	1300	20.99	7.53	86.6
615	06/26/97	1400	21.16	7.50	86.5
616	06/26/97	1500	21.13	7.45	85.5
617	06/26/97	1600	20.76	7.61	85.0
618	06/26/97	1700	20.88	7.48	85.7
619	06/26/97	1800	20.86	7.44	85.4
620	06/26/97	1900	20.81	7.47	85.6
621	06/26/97	2000	20.71	7.38	84.4
622	06/26/97	2100	20.79	7.37	84.3
623	06/26/97	2200	20.72	7.34	84.0
624	06/26/97	2300	20.62	7.32	83.6
625	06/27/97	0	20.74	7.33	83.8
626	06/27/97	100	20.83	7.29	83.6
627	06/27/97	200	20.93	7.25	83.3
628	06/27/97	300	20.76	7.26	83.1
629	06/27/97	400	20.88	7.18	82.4
630	06/27/97	500	20.72	7.19	82.2
631	06/27/97	600	20.76	7.15	81.8
632	06/27/97	700	20.74	7.24	82.9
633	06/27/97	800	20.71	7.30	82.4
634	06/27/97	900	20.74	7.30	82.5
635	06/27/97	1000	20.99	7.32	84.1
636	06/27/97	1100	21.30	7.40	85.8
637	06/27/97	1200	21.30	7.42	85.9
638	06/27/97	1300	21.32	7.42	85.9
639	06/27/97	1400	21.29	7.39	85.5
640	06/27/97	1500	21.36	7.19	83.2
641	06/27/97	1600	21.15	7.14	82.3
642	06/27/97	1700	21.38	7.53	84.9
643	06/27/97	1800	21.07	7.19	82.8
644	06/27/97	1900	21.30	7.14	82.6
645	06/27/97	2000	21.39	7.08	82.0
646	06/27/97	2100	21.22	7.01	80.9
647	06/27/97	2200	21.22	6.94	80.2
648	06/27/97	2300	20.97	6.90	79.2
649	06/28/97	0	21.09	6.76	77.6
650	06/28/97	100	21.00	6.82	78.5
651	06/28/97	200	21.09	6.86	78.8
652	06/28/97	300	20.90	6.79	77.9
653	06/28/97	400	20.95	6.79	78.0
654	06/28/97	500	20.88	6.75	77.5
655	06/28/97	600	20.95	6.80	78.1
656	06/28/97	700	20.97	6.93	79.7
657	06/28/97	800	20.95	7.08	81.4
658	06/28/97	900	21.15	7.13	82.2
659	06/28/97	1000	21.29	7.19	83.1
660	06/28/97	1100	21.43	7.24	83.9
661	06/28/97	1200	21.45	7.30	84.6
662	06/28/97	1300	21.69	7.32	85.3
663	06/28/97	1400	21.41	7.26	84.1
664	06/28/97	1500	21.50	7.26	84.3
665	06/28/97	1600	21.45	7.01	81.3
666	06/28/97	1700	21.52	7.11	82.6

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
667	06/28/97	1800	21.59	6.97	81.1
668	06/28/97	1900	21.50	6.78	78.8
669	06/28/97	2000	21.50	6.66	77.3
670	06/28/97	2100	21.55	6.68	77.7
671	06/28/97	2200	21.69	6.72	78.4
672	06/28/97	2300	21.36	6.79	78.6
673	06/29/97	0	21.34	6.79	78.6
674	06/29/97	100	21.30	6.83	79.0
675	06/29/97	200	21.43	6.85	79.4
676	06/29/97	300	21.46	6.87	79.7
677	06/29/97	400	21.39	6.86	79.5
678	06/29/97	500	21.38	6.87	79.6
679	06/29/97	600	21.36	6.87	79.6
680	06/29/97	700	21.41	7.05	81.7
681	06/29/97	800	21.48	7.14	82.9
682	06/29/97	900	21.59	7.13	83.0
683	06/29/97	1000	21.78	7.25	84.7
684	06/29/97	1100	21.80	7.20	84.1
685	06/29/97	1200	22.00	7.23	84.8
686	06/29/97	1300	22.01	7.15	83.8
687	06/29/97	1400	22.28	7.16	83.3
688	06/29/97	1500	22.28	7.10	83.7
689	06/29/97	1600	22.16	6.98	82.1
690	06/29/97	1700	21.94	6.93	81.1
691	06/29/97	1800	21.91	6.82	79.9
692	06/29/97	1900	22.12	6.71	78.8
693	06/29/97	2000	22.12	6.66	78.3
694	06/29/97	2100	22.05	6.56	76.9
695	06/29/97	2200	22.03	6.57	77.0
696	06/29/97	2300	21.98	6.56	76.9
697	06/30/97	0	21.98	6.58	77.1
698	06/30/97	100	21.92	6.55	76.7
699	06/30/97	200	22.07	6.56	77.0
700	06/30/97	300	22.26	6.61	77.9
701	06/30/97	400	22.08	6.62	77.2
702	06/30/97	500	22.05	6.59	77.7
703	06/30/97	600	21.87	6.59	77.1
704	06/30/97	700	21.98	6.62	77.6
705	06/30/97	800	21.98	6.58	77.2
706	06/30/97	900	22.16	6.54	76.6
707	06/30/97	1000	22.05	6.80	79.8
708	06/30/97	1100	22.10	6.82	80.1
709	06/30/97	1200	22.12	6.96	81.8
710	06/30/97	1300	22.19	7.03	82.7
711	06/30/97	1400	22.25	7.05	83.1
712	06/30/97	1500	22.16	6.94	81.7
713	06/30/97	1600	22.07	6.90	83.3
714	06/30/97	1700	22.17	6.90	81.2
715	06/30/97	1800	22.30	6.88	81.2
716	06/30/97	1900	22.28	6.77	79.7
717	06/30/97	2000	22.21	6.68	77.1
718	06/30/97	2100	22.01	6.46	75.8
719	06/30/97	2200	22.30	6.40	75.4
720	06/30/97	2300	22.14	6.36	74.8
721	07/01/97	0	22.03	6.45	75.7
722	07/01/97	100	22.17	6.40	75.3
723	07/01/97	200	22.19	6.32	74.5
724	07/01/97	300	22.01	6.33	74.2
725	07/01/97	400	22.07	6.32	74.2
726	07/01/97	500	22.08	6.34	74.5
727	07/01/97	600	22.19	6.35	74.8
728	07/01/97	700	22.14	6.48	76.2
729	07/01/97	800	22.16	6.80	80.0
730	07/01/97	900	22.17	6.68	78.6
731	07/01/97	1000	22.16	6.52	76.7
732	07/01/97	1100	22.28	6.53	80.5
733	07/01/97	1200	22.25	6.60	77.7
734	07/01/97	1300	22.26	6.94	81.5
735	07/01/97	1400	22.28	6.91	81.5
736	07/01/97	1500	22.26	6.97	82.1
737	07/01/97	1600	22.21	6.85	80.7
738	07/01/97	1700	22.21	6.79	79.9
739	07/01/97	1800	22.21	6.57	77.4
740	07/01/97	1900	22.16	6.37	74.5

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
741	07/01/97	2000	22.08	6.31	74.1
742	07/01/97	2100	22.23	6.22	73.3
743	07/01/97	2200	22.23	6.20	73.0
744	07/01/97	2300	22.28	6.19	73.0
745	07/02/97	0	22.21	6.19	72.8
746	07/02/97	100	22.08	6.15	72.3
747	07/02/97	200	22.10	6.07	71.9
748	07/02/97	300	22.10	6.01	70.6
749	07/02/97	400	22.03	5.94	69.4
750	07/02/97	500	21.84	5.90	68.8
751	07/02/97	600	21.69	5.91	68.7
752	07/02/97	700	21.50	5.93	69.1
753	07/02/97	800	21.60	5.84	67.9
754	07/02/97	900	21.55	5.88	68.3
755	07/02/97	1000	21.46	5.82	67.4
756	07/02/97	1100	21.52	6.17	71.9
757	07/02/97	1200	21.69	6.17	71.9
758	07/02/97	1300	22.38	6.74	80.2
759	07/02/97	1400	22.75	6.84	81.3
760	07/02/97	1500	22.69	6.84	81.3
761	07/02/97	1600	22.53	7.12	84.4
762	07/02/97	1700	22.46	7.03	83.2
763	07/02/97	1800	22.57	7.03	83.3
764	07/02/97	1900	22.30	6.99	82.4
765	07/02/97	2000	22.30	6.96	82.1
766	07/02/97	2100	22.07	6.89	80.9
767	07/02/97	2200	22.09	6.90	81.0
768	07/02/97	2300	22.20	6.81	80.2
769	07/03/97	0	22.14	6.83	80.3
770	07/03/97	100	22.04	6.79	79.6
771	07/03/97	200	22.00	6.82	79.9
772	07/03/97	300	22.09	6.85	80.5
773	07/03/97	400	22.04	6.80	79.8
774	07/03/97	500	22.18	6.91	81.3
775	07/03/97	600	22.14	6.91	81.2
776	07/03/97	700	22.20	6.95	81.8
777	07/03/97	800	22.11	6.97	81.9
778	07/03/97	900	22.05	6.94	81.5
779	07/03/97	1000	22.09	6.96	81.6
780	07/03/97	1100	22.02	6.97	81.8
781	07/03/97	1200	21.95	6.99	81.9
782	07/03/97	1300	21.91	7.00	81.9
783	07/03/97	1400	22.02	7.04	82.5
784	07/03/97	1500	21.96	7.02	82.5
785	07/03/97	1600	21.89	6.98	81.3
786	07/03/97	1700	21.65	6.92	80.4
787	07/03/97	1800	21.49	6.92	80.2
788	07/03/97	1900	21.40	6.86	79.3
789	07/03/97	2000	21.24	6.83	78.8
790	07/03/97	2100	21.18	6.76	78.0
791	07/03/97	2200	21.19	6.68	77.0
792	07/03/97	2300	21.12	6.68	77.0
793	07/04/97	0	21.06	6.63	76.3
794	07/04/97	100	21.01	6.61	76.0
795	07/04/97	200	20.94	6.60	75.8
796	07/04/97	300	20.84	6.51	74.6
797	07/04/97	400	20.75	6.49	74.3
798	07/04/97	500	20.68	6.48	74.0
799	07/04/97	600	20.61	6.46	73.8
800	07/04/97	700	20.54	6.40	73.0
801	07/04/97	800	20.49	6.38	72.6
802	07/04/97	900	20.45	6.39	72.7
803	07/04/97	1000	20.45	6.46	73.4
804	07/04/97	1100	20.45	6.44	73.2
805	07/04/97	1200	20.49	6.52	74.2
806	07/04/97	1300	20.56	6.55	74.7
807	07/04/97	1400	20.57	6.58	75.0
808	07/04/97	1500	20.64	6.58	75.1
809	07/04/97	1600	20.66	6.66	76.1
810	07/04/97	1700	20.77	6.69	76.6
811	07/04/97	1800	20.68	6.68	76.6
812	07/04/97	1900	20.54	6.55	75.7
813	07/04/97	2000	20.36	6.59	74.8
814	07/04/97	2100	20.17	6.49	73.5

BRULE 1997 TAILRACE DATA

OBS	DATE	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
815	07/04/97	20.09	6.46	73.0
816	07/04/97	19.98	6.48	73.1
817	07/05/97	19.96	6.44	72.6
818	07/05/97	20.00	6.43	72.5
819	07/05/97	19.91	6.42	72.3
820	07/05/97	19.89	6.45	72.6
821	07/05/97	19.84	6.49	72.9
822	07/05/97	19.77	6.50	73.0
823	07/05/97	19.74	6.57	73.7
824	07/05/97	19.74	6.59	73.9
825	07/05/97	19.83	6.66	74.8
826	07/05/97	19.84	6.72	75.5
827	07/05/97	19.95	6.75	76.0
828	07/05/97	20.14	6.82	77.1
829	07/05/97	20.42	6.90	78.5
830	07/05/97	20.42	6.94	78.9
831	07/05/97	20.33	6.92	78.5
832	07/05/97	20.26	6.90	78.1
833	07/05/97	20.07	6.88	77.3
834	07/05/97	20.10	6.87	77.6
835	07/05/97	20.02	6.90	77.9
836	07/05/97	19.77	6.79	76.3
837	07/05/97	19.79	6.90	77.5
838	07/05/97	19.63	6.88	78.1
839	07/05/97	19.55	6.97	77.9
840	07/05/97	19.65	6.96	78.0
841	07/05/97	19.55	6.95	77.6
842	07/05/97	19.51	6.92	77.2
843	07/05/97	19.43	6.86	76.4
844	07/05/97	19.48	6.89	76.4
845	07/05/97	19.53	6.91	77.2
846	07/05/97	19.51	6.97	77.8
847	07/05/97	19.58	6.97	79.3
848	07/06/97	19.58	7.08	79.1
849	07/06/97	19.55	7.09	79.3
850	07/06/97	19.62	7.14	79.8
851	07/06/97	19.67	7.14	80.0
852	07/06/97	19.72	7.12	80.0
853	07/06/97	19.66	7.14	80.0
854	07/06/97	19.89	7.21	81.3
855	07/06/97	19.89	7.23	81.3
856	07/06/97	19.93	7.27	81.8
857	07/06/97	19.89	7.26	81.7
858	07/06/97	19.93	7.31	82.3
859	07/06/97	19.86	7.33	82.4
860	07/06/97	19.72	7.36	82.6
861	07/06/97	19.76	7.33	82.2
862	07/06/97	19.58	7.24	81.0
863	07/06/97	19.36	7.16	79.7
864	07/06/97	19.27	7.17	78.6
865	07/07/97	19.19	7.18	79.7
866	07/07/97	19.17	7.23	80.2
867	07/07/97	19.13	7.29	80.7
868	07/07/97	19.10	7.31	81.0
869	07/07/97	19.10	7.35	81.4
870	07/07/97	19.03	7.34	81.2
871	07/07/97	19.05	7.39	81.7
872	07/07/97	19.00	7.38	81.6
873	07/07/97	18.98	7.39	81.7
874	07/07/97	19.08	7.46	82.5
875	07/07/97	19.19	7.48	83.0
876	07/07/97	19.27	7.53	83.6
877	07/07/97	19.28	7.57	84.3
878	07/07/97	19.39	7.57	84.3
879	07/07/97	19.44	7.53	84.0
880	07/07/97	19.41	7.55	84.2
881	07/07/97	19.38	7.53	83.9
882	07/07/97	19.27	7.56	84.0
883	07/07/97	19.08	7.53	83.4
884	07/07/97	18.95	7.53	83.1
885	07/07/97	18.95	7.52	83.0
886	07/07/97	18.88	7.52	82.9
887	07/07/97	18.77	7.46	82.1
888	07/07/97	18.72	7.39	81.2

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
889	07/08/97	0	18.69	7.41	81.3
890	07/08/97	100	18.69	7.37	80.9
891	07/08/97	200	18.71	7.37	80.9
892	07/08/97	300	18.60	7.42	81.3
893	07/08/97	400	18.60	7.36	80.7
894	07/08/97	500	18.52	7.34	80.3
895	07/08/97	600	18.45	7.39	80.8
896	07/08/97	700	18.36	7.38	80.5
897	07/08/97	800	18.36	7.42	80.9
898	07/08/97	900	18.28	7.38	80.4
899	07/08/97	1000	18.29	7.45	81.0
900	07/08/97	1100	18.29	7.45	81.2
901	07/08/97	1200	18.23	7.20	78.3
902	07/08/97	1300	18.19	7.22	78.4
903	07/08/97	1400	18.23	7.28	79.1
904	07/08/97	1500	18.24	7.55	82.1
905	07/08/97	1600	18.19	7.50	82.6
906	07/08/97	1700	18.09	7.57	82.1
907	07/08/97	1800	17.99	7.51	81.9
908	07/08/97	1900	17.94	7.53	81.2
909	07/08/97	2000	17.99	7.53	81.5
910	07/08/97	2100	18.11	7.54	81.8
911	07/08/97	2200	18.26	7.51	81.7
912	07/08/97	2300	18.31	7.52	82.0
913	07/08/97	0	18.35	7.55	82.3
914	07/08/97	100	18.31	7.53	82.1
915	07/08/97	200	18.26	7.53	81.9
916	07/08/97	300	18.26	7.46	81.1
917	07/08/97	400	18.21	7.45	81.0
918	07/08/97	500	18.19	7.39	80.3
919	07/08/97	600	18.18	7.37	80.1
920	07/08/97	700	18.18	7.42	80.6
921	07/08/97	800	18.18	7.37	80.1
922	07/08/97	900	18.21	7.43	80.8
923	07/08/97	1000	18.31	7.44	81.1
924	07/08/97	1100	18.38	7.47	81.5
925	07/08/97	1200	18.36	7.50	81.8
926	07/08/97	1300	18.33	7.50	81.8
927	07/08/97	1400	18.37	7.54	82.6
928	07/08/97	1500	18.59	7.54	82.6
929	07/08/97	1600	18.57	7.62	83.7
930	07/08/97	1700	18.68	7.63	83.7
931	07/08/97	1800	18.71	7.60	83.5
932	07/08/97	1900	18.57	7.57	83.0
933	07/08/97	2000	18.48	7.54	82.5
934	07/08/97	2100	18.52	7.56	82.7
935	07/08/97	2200	18.48	7.54	82.5
936	07/08/97	2300	18.43	7.53	82.3
937	07/10/97	0	18.40	7.53	82.2
938	07/10/97	100	18.40	7.49	81.7
939	07/10/97	200	18.40	7.57	82.7
940	07/10/97	300	18.53	7.58	82.6
941	07/10/97	400	18.58	7.64	83.4
942	07/10/97	500	18.29	7.65	83.4
943	07/10/97	600	18.33	7.62	83.0
944	07/10/97	700	18.33	7.71	84.1
945	07/10/97	800	18.33	7.76	84.6
946	07/10/97	900	18.48	7.80	85.3
947	07/10/97	1000	18.55	7.86	86.1
948	07/10/97	1100	18.72	7.85	86.3
949	07/10/97	1200	18.65	7.80	85.6
950	07/10/97	1300	18.59	7.80	85.6
951	07/10/97	1400	18.82	7.77	85.6
952	07/10/97	1500	18.88	7.79	85.9
953	07/10/97	1600	18.76	7.77	85.4
954	07/10/97	1700	18.74	7.71	84.7
955	07/10/97	1800	18.48	7.70	84.2
956	07/10/97	1900	18.47	7.73	84.5
957	07/10/97	2000	18.45	7.67	83.8
958	07/10/97	2100	18.55	7.70	84.3
959	07/10/97	2200	18.40	7.67	83.7
960	07/10/97	2300	18.47	7.72	84.4
961	07/11/97	0	18.45	7.75	84.7
962	07/11/97	100	18.50	7.81	85.4



BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
963	07/11/97	200	18.55	7.85	86.0
964	07/11/97	300	18.50	7.78	85.1
965	07/11/97	400	18.43	7.76	84.7
966	07/11/97	500	18.33	7.75	84.5
967	07/11/97	600	18.26	7.73	84.1
968	07/11/97	700	18.31	7.85	85.5
969	07/11/97	800	18.28	7.86	85.6
970	07/11/97	900	18.35	7.85	85.6
971	07/11/97	1000	18.47	7.86	85.9
972	07/11/97	1100	18.62	7.87	86.2
973	07/11/97	1200	18.81	7.82	86.1
974	07/11/97	1300	18.93	7.82	86.2
975	07/11/97	1400	18.76	7.80	85.7
976	07/11/97	1500	18.74	7.83	86.1
977	07/11/97	1600	18.86	7.88	86.8
978	07/11/97	1700	18.72	7.86	86.4
979	07/11/97	1800	18.65	7.85	86.2
980	07/11/97	1900	18.71	7.85	86.2
981	07/11/97	2000	18.60	7.75	84.9
982	07/11/97	2100	18.62	7.67	84.1
983	07/11/97	2200	18.74	7.74	85.1
984	07/11/97	2300	18.74	7.74	85.0
985	07/12/97	0	18.82	7.82	86.1
986	07/12/97	100	18.81	7.80	85.8
987	07/12/97	200	18.81	7.74	85.2
988	07/12/97	300	18.96	7.75	85.5
989	07/12/97	400	18.88	7.71	84.9
990	07/12/97	500	18.81	7.63	83.9
991	07/12/97	600	18.79	7.62	83.9
992	07/12/97	700	18.81	7.66	84.4
993	07/12/97	800	18.86	7.73	85.2
994	07/12/97	900	18.89	7.78	85.8
995	07/12/97	1000	18.96	7.73	85.4
996	07/12/97	1100	19.07	7.77	85.9
997	07/12/97	1200	19.32	7.76	86.3
998	07/12/97	1300	19.34	7.73	86.0
999	07/12/97	1400	19.48	7.70	85.9
1000	07/12/97	1500	19.46	7.70	85.9
1001	07/12/97	1600	19.43	7.79	86.8
1002	07/12/97	1700	19.41	7.82	87.2
1003	07/12/97	1800	19.48	7.83	87.3
1004	07/12/97	1900	19.66	7.76	86.7
1005	07/12/97	2000	19.48	7.72	86.1
1006	07/12/97	2100	19.58	7.72	86.3
1007	07/12/97	2200	19.50	7.74	86.4
1008	07/12/97	2300	19.34	7.72	85.9
1009	07/13/97	0	19.36	7.58	84.3
1010	07/13/97	100	19.43	7.60	84.7
1011	07/13/97	200	19.36	7.55	84.0
1012	07/13/97	300	19.27	7.57	84.2
1013	07/13/97	400	19.32	7.55	84.0
1014	07/13/97	500	19.25	7.49	83.2
1015	07/13/97	600	19.36	7.54	83.9
1016	07/13/97	700	19.43	7.55	84.2
1017	07/13/97	800	19.63	7.52	84.1
1018	07/13/97	900	19.57	7.60	84.9
1019	07/13/97	1000	19.62	7.60	85.1
1020	07/13/97	1100	19.72	7.57	84.8
1021	07/13/97	1200	19.72	7.68	86.1
1022	07/13/97	1300	20.03	7.58	85.5
1023	07/13/97	1400	20.24	7.62	86.3
1024	07/13/97	1500	20.43	7.67	87.3
1025	07/13/97	1600	20.38	7.76	88.2
1026	07/13/97	1700	20.52	7.76	88.4
1027	07/13/97	1800	20.35	7.63	86.6
1028	07/13/97	1900	20.18	7.59	85.6
1029	07/13/97	2000	20.26	7.58	85.6
1030	07/13/97	2100	20.16	7.54	85.3
1031	07/13/97	2200	20.14	7.55	85.4
1032	07/13/97	2300	20.12	7.47	84.6
1033	07/14/97	0	20.17	7.48	84.6
1034	07/14/97	100	20.19	7.51	85.0
1035	07/14/97	200	20.29	7.45	84.5
1036	07/14/97	300	20.50	7.46	85.0

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1037	07/14/97	400	20.66	7.43	84.9
1038	07/14/97	500	20.49	7.42	84.5
1039	07/14/97	600	20.43	7.42	84.4
1040	07/14/97	700	20.40	7.48	85.0
1041	07/14/97	800	20.35	7.57	86.0
1042	07/14/97	900	20.45	7.53	85.6
1043	07/14/97	1000	20.59	7.61	86.8
1044	07/14/97	1100	20.73	7.68	87.9
1045	07/14/97	1200	20.78	7.71	88.3
1046	07/14/97	1300	21.08	7.71	88.9
1047	07/14/97	1400	21.24	7.68	88.7
1048	07/14/97	1500	21.15	7.69	88.7
1049	07/14/97	1600	21.19	7.72	89.1
1050	07/14/97	1700	21.22	7.66	88.4
1051	07/14/97	1800	21.15	7.66	88.4
1052	07/14/97	1900	21.45	7.67	89.0
1053	07/14/97	2000	21.24	7.62	88.0
1054	07/14/97	2100	21.24	7.62	88.0
1055	07/14/97	2200	21.20	7.64	88.3
1056	07/14/97	2300	21.15	7.63	88.0
1057	07/15/97	0	21.26	7.61	87.9
1058	07/15/97	100	21.29	7.58	87.7
1059	07/15/97	200	21.03	7.55	86.8
1060	07/15/97	300	21.10	7.48	86.2
1061	07/15/97	400	21.13	7.52	86.7
1062	07/15/97	500	21.13	7.46	86.1
1063	07/15/97	600	21.24	7.47	86.3
1064	07/15/97	700	21.33	7.55	87.4
1065	07/15/97	800	21.40	7.56	87.6
1066	07/15/97	900	21.50	7.58	88.0
1067	07/15/97	1000	21.59	7.58	88.1
1068	07/15/97	1100	21.72	7.57	88.3
1069	07/15/97	1200	21.95	7.65	88.5
1070	07/15/97	1300	22.11	7.54	88.6
1071	07/15/97	1400	22.36	7.61	89.8
1072	07/15/97	1500	22.11	7.52	88.3
1073	07/15/97	1600	22.09	7.55	88.7
1074	07/15/97	1700	21.93	7.45	87.3
1075	07/15/97	1800	21.75	7.44	86.8
1076	07/15/97	1900	21.75	7.43	86.7
1077	07/15/97	2000	21.50	7.37	85.6
1078	07/15/97	2100	21.43	7.30	84.7
1079	07/15/97	2200	21.26	7.29	84.3
1080	07/15/97	2300	21.43	7.30	84.3
1081	07/16/97	0	21.61	7.26	84.5
1082	07/16/97	100	21.54	7.23	84.0
1083	07/16/97	200	21.70	7.20	83.9
1084	07/16/97	300	21.73	7.19	83.9
1085	07/16/97	400	21.57	7.14	83.0
1086	07/16/97	500	21.72	7.13	83.1
1087	07/16/97	600	21.68	7.15	83.3
1088	07/16/97	700	21.66	7.14	83.3
1089	07/16/97	800	21.70	7.16	83.4
1090	07/16/97	900	21.80	7.29	85.1
1091	07/16/97	1000	21.80	7.15	83.5
1092	07/16/97	1100	21.98	7.24	84.9
1093	07/16/97	1200	21.70	7.22	84.1
1094	07/16/97	1300	21.75	7.30	85.1
1095	07/16/97	1400	21.72	7.16	83.5
1096	07/16/97	1500	21.80	7.18	83.9
1097	07/16/97	1600	21.63	7.25	84.4
1098	07/16/97	1700	21.52	7.16	83.2
1099	07/16/97	1800	21.80	7.12	83.5
1100	07/16/97	1900	21.82	7.14	83.5
1101	07/16/97	2000	21.82	7.16	83.7
1102	07/16/97	2100	21.86	7.15	83.6
1103	07/16/97	2200	21.79	7.10	82.9
1104	07/16/97	2300	21.89	6.99	81.8
1105	07/17/97	0	21.89	7.02	82.1
1106	07/17/97	100	21.75	6.97	81.4
1107	07/17/97	200	21.73	6.99	81.5
1108	07/17/97	300	21.86	6.98	81.6
1109	07/17/97	400	21.82	6.87	80.2
1110	07/17/97	500	21.75	6.85	79.9

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1111	07/17/97	500	21.68	6.88	80.2
1112	07/17/97	700	21.73	6.92	80.8
1113	07/17/97	800	21.61	6.88	80.1
1114	07/17/97	900	21.84	7.11	83.1
1115	07/17/97	1000	22.04	7.18	84.3
1116	07/17/97	1100	22.11	7.12	83.6
1117	07/17/97	1200	22.37	7.23	85.4
1118	07/17/97	1300	22.48	7.20	85.2
1119	07/17/97	1400	22.26	7.49	88.4
1120	07/17/97	1500	22.44	7.41	87.8
1121	07/17/97	1600	22.48	7.40	87.7
1122	07/17/97	1700	22.55	7.39	87.7
1123	07/17/97	1800	22.59	7.42	88.1
1124	07/17/97	1900	22.64	7.37	87.6
1125	07/17/97	2000	22.36	7.35	86.9
1126	07/17/97	2100	22.40	7.36	87.1
1127	07/17/97	2200	22.24	7.33	86.4
1128	07/17/97	2300	22.14	7.24	85.3
1129	07/18/97	0	22.10	7.27	85.6
1130	07/18/97	100	22.20	7.26	85.6
1131	07/18/97	200	22.25	7.22	85.2
1132	07/18/97	300	22.44	7.19	85.1
1133	07/18/97	400	22.29	7.16	84.6
1134	07/18/97	500	22.35	7.12	84.2
1135	07/18/97	600	22.21	7.09	83.6
1136	07/18/97	700	22.16	7.07	83.2
1137	07/18/97	800	22.27	7.09	83.7
1138	07/18/97	900	22.37	7.15	84.5
1139	07/18/97	1000	22.35	7.16	84.6
1140	07/18/97	1100	22.43	7.19	85.3
1141	07/18/97	1200	22.39	7.21	85.1
1142	07/18/97	1300	22.23	7.21	84.7
1143	07/18/97	1400	22.07	7.20	84.4
1144	07/18/97	1500	22.08	7.17	84.4
1145	07/18/97	1600	22.10	7.11	83.5
1146	07/18/97	1700	22.05	7.10	83.7
1147	07/18/97	1800	22.20	7.06	83.1
1148	07/18/97	1900	22.17	7.05	83.0
1149	07/18/97	2000	22.25	7.00	82.5
1150	07/18/97	2100	22.30	6.99	82.5
1151	07/18/97	2200	22.39	7.01	82.9
1152	07/18/97	2300	22.51	7.00	83.0
1153	07/19/97	0	22.51	7.00	83.1
1154	07/19/97	100	22.61	7.00	82.8
1155	07/19/97	200	22.43	7.00	82.6
1156	07/19/97	300	22.37	6.98	82.2
1157	07/19/97	400	22.16	6.98	82.3
1158	07/19/97	500	22.18	6.99	82.4
1159	07/19/97	600	22.25	6.99	82.4
1160	07/19/97	700	22.23	6.98	82.4
1161	07/19/97	800	22.11	6.97	82.0
1162	07/19/97	900	21.86	6.92	81.0
1163	07/19/97	1000	21.91	6.93	81.2
1164	07/19/97	1100	21.75	6.88	80.3
1165	07/19/97	1200	21.89	6.83	80.1
1166	07/19/97	1300	21.79	6.82	79.8
1167	07/19/97	1400	22.18	6.89	81.2
1168	07/19/97	1500	22.20	6.89	81.2
1169	07/19/97	1600	22.12	6.82	80.2
1170	07/19/97	1700	22.08	6.76	79.5
1171	07/19/97	1800	21.96	6.77	79.5
1172	07/19/97	1900	22.03	6.79	79.8
1173	07/19/97	2000	22.01	6.84	80.4
1174	07/19/97	2100	22.10	6.85	80.5
1175	07/19/97	2200	22.16	6.82	80.3
1176	07/19/97	2300	22.13	6.82	80.3
1177	07/20/97	0	22.16	6.82	80.3
1178	07/20/97	100	22.14	6.82	80.2
1179	07/20/97	200	22.00	6.84	80.3
1180	07/20/97	300	21.92	6.85	80.3
1181	07/20/97	400	21.75	6.85	80.2
1182	07/20/97	500	21.83	6.86	80.1
1183	07/20/97	600	21.52	6.83	80.1
1184	07/20/97	700	21.58	6.77	79.3

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1185	07/20/97	800	21.80	6.73	78.7
1186	07/20/97	900	21.85	6.73	78.8
1187	07/20/97	1000	21.89	6.71	78.7
1188	07/20/97	1100	21.73	6.74	78.7
1189	07/20/97	1200	21.93	6.83	80.1
1190	07/20/97	1300	22.01	6.85	80.5
1191	07/20/97	1400	22.22	6.88	81.1
1192	07/20/97	1500	22.27	6.93	81.8
1193	07/20/97	1600	22.29	6.91	81.6
1194	07/20/97	1700	22.19	6.84	80.6
1195	07/20/97	1800	22.14	6.84	80.5
1196	07/20/97	1900	22.01	6.84	80.3
1197	07/20/97	2000	22.05	6.84	80.4
1198	07/20/97	2100	22.04	6.85	80.5
1199	07/20/97	2200	22.01	6.81	79.9
1200	07/20/97	2300	22.20	6.84	80.6
1201	07/21/97	0	22.24	6.90	81.4
1202	07/21/97	100	22.03	6.88	80.8
1203	07/21/97	200	21.93	6.85	80.4
1204	07/21/97	300	21.83	6.83	79.9
1205	07/21/97	400	21.98	6.84	80.2
1206	07/21/97	500	21.92	6.80	79.8
1207	07/21/97	600	21.98	6.76	79.3
1208	07/21/97	700	21.91	6.72	78.8
1209	07/21/97	800	21.91	6.69	78.4
1210	07/21/97	900	21.90	6.62	77.6
1211	07/21/97	1000	21.82	6.62	77.5
1212	07/21/97	1100	21.70	6.60	77.0
1213	07/21/97	1200	21.63	6.58	76.6
1214	07/21/97	1300	21.73	6.63	77.4
1215	07/21/97	1400	21.76	6.63	77.3
1216	07/21/97	1500	21.71	6.62	77.4
1217	07/21/97	1600	21.64	6.66	77.7
1218	07/21/97	1700	21.61	6.67	77.8
1219	07/21/97	1800	21.56	6.68	77.7
1220	07/21/97	1900	21.67	6.70	77.7
1221	07/21/97	2000	21.58	6.74	78.2
1222	07/21/97	2100	21.77	6.83	79.9
1223	07/21/97	2200	21.75	6.83	79.8
1224	07/21/97	2300	21.82	6.89	80.6
1225	07/22/97	0	21.80	6.89	80.6
1226	07/22/97	100	21.64	6.85	79.8
1227	07/22/97	200	21.66	6.84	79.8
1228	07/22/97	300	21.57	6.85	79.8
1229	07/22/97	400	21.52	6.83	79.5
1230	07/22/97	500	21.57	6.83	79.6
1231	07/22/97	600	21.55	6.84	79.6
1232	07/22/97	700	21.45	6.80	79.0
1233	07/22/97	800	21.46	6.78	78.8
1234	07/22/97	900	21.40	6.69	77.6
1235	07/22/97	1000	21.29	6.67	77.3
1236	07/22/97	1100	21.26	6.60	76.4
1237	07/22/97	1200	21.26	6.57	76.1
1238	07/22/97	1300	21.27	6.62	76.6
1239	07/22/97	1400	21.11	6.48	74.8
1240	07/22/97	1500	21.08	6.46	74.5
1241	07/22/97	1600	21.08	6.43	74.2
1242	07/22/97	1700	21.22	6.49	75.1
1243	07/22/97	1800	21.26	6.51	75.3
1244	07/22/97	1900	21.25	6.48	75.0
1245	07/22/97	2000	21.20	6.48	74.9
1246	07/22/97	2100	21.26	6.58	76.2
1247	07/22/97	2200	21.27	6.66	77.1
1248	07/23/97	2300	21.35	6.71	77.8
1249	07/23/97	0	21.33	6.71	77.8
1250	07/23/97	100	21.26	6.69	77.5
1251	07/23/97	200	21.26	6.72	77.7
1252	07/23/97	300	21.24	6.74	78.0
1253	07/23/97	400	21.25	6.72	77.7
1254	07/23/97	500	21.20	6.68	77.2
1255	07/23/97	600	21.13	6.66	76.9
1256	07/23/97	700	21.10	6.65	76.7
1257	07/23/97	800	21.05	6.61	76.2
1258	07/23/97	900	21.03	6.50	76.0

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1259	07/23/97	1000	20.97	6.58	75.7
1260	07/23/97	1100	20.99	6.56	75.5
1261	07/23/97	1200	20.99	6.58	75.7
1262	07/23/97	1300	20.99	6.55	75.4
1263	07/23/97	1400	21.07	6.63	76.4
1264	07/23/97	1500	21.06	6.62	76.3
1265	07/23/97	1600	20.97	6.65	76.5
1266	07/23/97	1700	21.03	6.88	76.9
1267	07/23/97	1800	21.05	6.89	77.1
1268	07/23/97	1900	21.11	6.75	77.9
1269	07/23/97	2000	21.10	6.86	79.1
1270	07/23/97	2100	21.10	6.81	78.6
1271	07/23/97	2200	21.08	6.79	78.3
1272	07/23/97	2300	21.11	6.76	78.0
1273	07/24/97	0	21.17	6.75	78.1
1274	07/24/97	100	21.08	6.74	77.7
1275	07/24/97	200	21.07	6.86	79.0
1276	07/24/97	300	20.99	6.87	79.1
1277	07/24/97	400	21.00	6.82	78.8
1278	07/24/97	500	20.93	6.79	78.1
1279	07/24/97	600	20.90	6.84	78.6
1280	07/24/97	700	20.88	6.84	78.6
1281	07/24/97	800	20.89	6.84	78.6
1282	07/24/97	900	20.97	6.88	79.2
1283	07/24/97	1000	21.01	6.87	79.1
1284	07/24/97	1100	21.15	6.92	79.9
1285	07/24/97	1200	21.21	6.85	79.2
1286	07/24/97	1300	21.27	6.89	79.8
1287	07/24/97	1400	21.21	6.88	79.5
1288	07/24/97	1500	21.26	6.92	80.1
1289	07/24/97	1600	21.30	6.91	80.1
1290	07/24/97	1700	21.29	6.92	80.1
1291	07/24/97	1800	21.47	6.97	81.0
1292	07/24/97	1900	21.50	6.92	80.4
1293	07/24/97	2000	21.41	6.93	80.5
1294	07/24/97	2100	21.39	6.97	80.9
1295	07/24/97	2200	21.28	6.94	80.4
1296	07/24/97	2300	21.18	6.96	80.4
1297	07/25/97	0	21.18	7.03	81.3
1298	07/25/97	100	21.32	7.09	82.1
1299	07/25/97	200	21.26	7.12	82.5
1300	07/25/97	300	21.24	7.05	81.6
1301	07/25/97	400	21.26	7.06	81.7
1302	07/25/97	500	21.14	6.98	80.6
1303	07/25/97	600	21.13	6.94	80.2
1304	07/25/97	700	21.09	6.91	79.7
1305	07/25/97	800	21.03	6.91	79.7
1306	07/25/97	900	20.96	6.88	79.2
1307	07/25/97	1000	21.05	6.96	80.2
1308	07/25/97	1100	20.99	6.95	80.1
1309	07/25/97	1200	21.02	6.94	79.9
1310	07/25/97	1300	20.93	6.88	78.1
1311	07/25/97	1400	20.99	6.97	80.2
1312	07/25/97	1500	20.97	6.95	80.0
1313	07/25/97	1600	20.92	6.90	79.3
1314	07/25/97	1700	20.81	6.83	78.4
1315	07/25/97	1800	20.81	6.83	78.4
1316	07/25/97	1900	20.81	6.89	79.1
1317	07/25/97	2000	20.71	6.80	77.8
1318	07/25/97	2100	20.70	6.80	77.8
1319	07/25/97	2200	20.68	6.79	77.7
1320	07/25/97	2300	20.72	6.85	78.5
1321	07/26/97	0	20.70	6.86	78.5
1322	07/26/97	100	20.74	6.85	78.5
1323	07/26/97	200	20.81	6.89	79.0
1324	07/26/97	300	20.78	6.91	79.3
1325	07/26/97	400	20.84	6.94	79.7
1326	07/26/97	500	20.83	6.95	79.8
1327	07/26/97	600	20.86	6.95	79.8
1328	07/26/97	700	20.86	6.99	80.2
1329	07/26/97	800	20.85	6.97	80.0
1330	07/26/97	900	20.93	7.05	81.1
1331	07/26/97	1000	20.95	7.03	80.9
1332	07/26/97	1100	20.92	7.06	81.2

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1333	07/26/97	1200	20.90	7.01	80.6
1334	07/26/97	1300	20.98	7.06	81.3
1335	07/26/97	1400	21.10	7.04	81.2
1336	07/26/97	1500	21.23	7.10	82.2
1337	07/26/97	1600	21.36	7.04	81.7
1338	07/26/97	1700	21.46	7.09	82.4
1339	07/26/97	1800	21.56	7.11	82.8
1340	07/26/97	1900	21.66	7.09	82.7
1341	07/26/97	2000	21.51	7.06	82.1
1342	07/26/97	2100	21.40	7.05	81.8
1343	07/26/97	2200	21.34	7.03	81.5
1344	07/26/97	2300	21.33	7.04	81.6
1345	07/27/97	0	21.33	7.05	81.8
1346	07/27/97	100	21.34	6.99	81.0
1347	07/27/97	200	21.34	7.05	81.7
1348	07/27/97	300	21.25	7.03	81.5
1349	07/27/97	400	21.34	7.04	81.7
1350	07/27/97	500	21.29	7.01	81.2
1351	07/27/97	600	21.27	7.02	81.3
1352	07/27/97	700	21.34	7.03	81.5
1353	07/27/97	800	21.31	7.05	81.7
1354	07/27/97	900	21.47	7.06	82.1
1355	07/27/97	1000	21.55	7.05	82.0
1356	07/27/97	1100	21.64	7.09	82.6
1357	07/27/97	1200	21.69	7.06	82.4
1358	07/27/97	1300	21.85	7.11	83.3
1359	07/27/97	1400	21.97	7.16	84.0
1360	07/27/97	1500	22.15	7.15	84.2
1361	07/27/97	1600	22.26	7.13	84.1
1362	07/27/97	1700	22.18	7.11	83.8
1363	07/27/97	1800	22.21	7.13	84.1
1364	07/27/97	1900	22.20	7.08	83.4
1365	07/27/97	2000	22.23	7.09	83.6
1366	07/27/97	2100	22.08	6.98	82.0
1367	07/27/97	2200	21.98	6.99	82.6
1368	07/27/97	2300	22.05	7.03	81.8
1369	07/28/97	0	21.96	6.97	81.5
1370	07/28/97	100	21.96	6.94	81.5
1371	07/28/97	200	22.06	6.98	82.0
1372	07/28/97	300	22.12	6.99	82.3
1373	07/28/97	400	22.02	6.94	81.5
1374	07/28/97	500	22.09	6.93	81.5
1375	07/28/97	600	21.98	6.95	81.7
1376	07/28/97	700	22.05	6.95	82.2
1377	07/28/97	800	21.98	7.00	82.2
1378	07/28/97	900	22.11	7.06	83.1
1379	07/28/97	1000	22.11	7.01	82.5
1380	07/28/97	1100	22.07	7.06	83.0
1381	07/28/97	1200	22.37	7.06	83.5
1382	07/28/97	1300	22.42	7.06	83.5
1383	07/28/97	1400	22.66	7.12	84.7
1384	07/28/97	1500	22.73	7.27	86.6
1385	07/28/97	1600	22.64	7.25	86.2
1386	07/28/97	1700	22.80	7.25	86.5
1387	07/28/97	1800	22.82	7.25	86.5
1388	07/28/97	1900	22.58	7.17	85.1
1389	07/28/97	2000	22.51	7.05	83.6
1390	07/28/97	2100	22.43	7.02	83.1
1391	07/28/97	2200	22.27	6.98	82.4
1392	07/28/97	2300	22.11	6.93	81.6
1393	07/29/97	0	21.98	6.91	81.3
1394	07/29/97	100	22.05	6.92	81.3
1395	07/29/97	200	22.03	6.98	82.0
1396	07/29/97	300	21.95	6.93	81.3
1397	07/29/97	400	22.03	6.93	81.4
1398	07/29/97	500	22.05	6.93	81.5
1399	07/29/97	600	22.04	6.85	81.7
1400	07/29/97	700	22.02	6.97	81.8
1401	07/29/97	800	22.00	6.99	82.1
1402	07/29/97	900	22.05	7.04	82.7
1403	07/29/97	1000	22.11	7.10	83.5
1404	07/29/97	1100	22.14	7.06	83.2
1405	07/29/97	1200	22.03	6.92	81.3
1406	07/29/97	1300	22.05	7.01	82.4

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1407	07/29/97	1400	21.95	6.99	81.9
1408	07/29/97	1500	21.88	6.81	79.8
1409	07/29/97	1600	21.77	6.83	79.9
1410	07/29/97	1700	21.72	6.82	79.6
1411	07/29/97	1800	21.79	6.72	78.5
1412	07/29/97	1900	21.80	6.79	79.4
1413	07/29/97	2000	21.73	6.69	78.2
1414	07/29/97	2100	21.83	6.74	78.9
1415	07/29/97	2200	21.76	6.88	78.1
1416	07/29/97	2300	21.84	6.72	78.7
1417	07/30/97	0	21.86	6.71	78.5
1418	07/30/97	100	21.87	6.74	79.0
1419	07/30/97	200	21.83	6.72	78.7
1420	07/30/97	300	21.84	6.70	78.4
1421	07/30/97	400	21.77	6.70	78.3
1422	07/30/97	500	21.68	6.69	78.0
1423	07/30/97	600	21.59	6.63	78.0
1424	07/30/97	700	21.53	6.61	77.2
1425	07/30/97	800	21.45	6.65	77.0
1426	07/30/97	900	21.50	6.67	77.2
1427	07/30/97	1000	21.61	6.73	78.4
1428	07/30/97	1100	21.64	6.70	78.1
1429	07/30/97	1200	21.82	6.75	79.0
1430	07/30/97	1300	21.88	6.70	78.5
1431	07/30/97	1400	21.91	6.74	78.0
1432	07/30/97	1500	21.87	6.72	78.7
1433	07/30/97	1600	22.05	7.28	84.1
1434	07/30/97	1700	22.03	7.21	83.2
1435	07/30/97	1800	22.01	7.15	82.5
1436	07/30/97	1900	21.94	7.13	82.2
1437	07/30/97	2000	21.91	7.07	81.5
1438	07/30/97	2100	21.91	7.08	81.6
1439	07/30/97	2200	21.73	7.07	81.1
1440	07/30/97	2300	21.73	7.07	81.1
1441	07/31/97	0	21.75	7.09	81.1
1442	07/31/97	100	21.69	7.05	80.8
1443	07/31/97	200	21.75	7.07	81.1
1444	07/31/97	300	21.69	7.05	80.8
1445	07/31/97	400	21.60	7.04	80.6
1446	07/31/97	500	21.59	7.05	80.7
1447	07/31/97	600	21.66	7.07	81.1
1448	07/31/97	700	21.62	7.04	80.7
1449	07/31/97	800	21.60	7.11	81.4
1450	07/31/97	900	21.62	7.17	81.4
1451	07/31/97	1000	21.73	7.16	82.1
1452	07/31/97	1100	21.76	7.16	82.2
1453	07/31/97	1200	21.89	7.18	82.3
1454	07/31/97	1300	22.07	7.25	83.7
1455	07/31/97	1400	22.16	7.19	83.2
1456	07/31/97	1500	22.08	7.16	82.8
1457	07/31/97	1600	22.03	7.15	82.6
1458	07/31/97	1700	22.03	7.14	82.5
1459	07/31/97	1800	21.89	7.15	82.3
1460	07/31/97	1900	21.87	7.12	81.9
1461	07/31/97	2000	21.73	7.09	81.4
1462	07/31/97	2100	21.76	7.08	81.3
1463	07/31/97	2200	21.76	7.07	81.2
1464	07/31/97	2300	21.73	7.09	81.4
1465	08/01/97	0	21.73	7.11	81.4
1466	08/01/97	100	21.76	7.12	81.6
1467	08/01/97	200	21.89	7.19	81.8
1468	08/01/97	300	21.73	7.13	81.8
1469	08/01/97	400	21.80	7.13	81.9
1470	08/01/97	500	21.66	7.10	82.5
1471	08/01/97	600	21.71	7.12	81.4
1472	08/01/97	700	21.78	7.17	81.7
1473	08/01/97	800	21.73	7.12	82.4
1474	08/01/97	900	21.73	7.12	81.8
1475	08/01/97	1000	21.73	7.11	81.7
1476	08/01/97	1100	21.62	7.11	81.4
1477	08/01/97	1200	21.98	7.24	82.0
1478	08/01/97	1300	22.08	7.29	83.5
1479	08/01/97	1400	22.12	7.26	83.9
1480	08/01/97	1500	22.14	7.26	84.0

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1481	08/01/97	1600	22.10	7.24	83.7
1482	08/01/97	1700	22.25	7.31	84.7
1483	08/01/97	1800	22.16	7.24	83.8
1484	08/01/97	1900	22.03	7.19	83.0
1485	08/01/97	2000	22.03	7.23	83.4
1486	08/01/97	2100	21.91	7.17	82.5
1487	08/01/97	2200	21.78	7.11	81.8
1488	08/01/97	2300	21.78	7.08	81.5
1489	08/02/97	0	21.66	7.04	80.7
1490	08/02/97	100	21.73	7.08	81.2
1491	08/02/97	200	21.73	7.08	81.2
1492	08/02/97	300	21.80	7.15	82.2
1493	08/02/97	400	21.76	7.12	81.8
1494	08/02/97	500	21.76	7.12	81.8
1495	08/02/97	600	21.66	7.10	81.4
1496	08/02/97	700	21.53	7.08	81.0
1497	08/02/97	800	21.76	7.12	81.8
1498	08/02/97	900	21.82	7.13	81.9
1499	08/02/97	1000	21.96	7.18	82.8
1500	08/02/97	1100	22.14	7.24	83.7
1501	08/02/97	1200	22.23	7.25	84.0
1502	08/02/97	1300	22.35	7.28	84.6
1503	08/02/97	1400	22.55	7.31	85.2
1504	08/02/97	1500	22.68	7.34	85.8
1505	08/02/97	1600	22.68	7.29	85.3
1506	08/02/97	1700	22.60	7.32	85.4
1507	08/02/97	1800	22.55	7.34	85.6
1508	08/02/97	1900	22.46	7.26	84.4
1509	08/02/97	2000	22.33	7.25	84.3
1510	08/02/97	2100	22.10	7.16	82.8
1511	08/02/97	2200	21.92	7.08	81.6
1512	08/02/97	2300	21.84	7.08	81.5
1513	08/03/97	0	21.82	7.10	81.5
1514	08/03/97	100	21.84	7.09	81.5
1515	08/03/97	200	21.80	7.12	81.8
1516	08/03/97	300	21.89	7.16	82.4
1517	08/03/97	400	21.94	7.17	82.6
1518	08/03/97	500	22.07	7.27	84.0
1519	08/03/97	600	22.10	7.30	84.4
1520	08/03/97	700	22.08	7.28	84.2
1521	08/03/97	800	22.07	7.29	84.3
1522	08/03/97	900	22.01	7.29	84.3
1523	08/03/97	1000	22.00	7.31	84.3
1524	08/03/97	1100	21.87	7.29	83.9
1525	08/03/97	1200	21.80	7.27	83.5
1526	08/03/97	1300	21.89	7.25	83.5
1527	08/03/97	1400	21.87	7.26	83.5
1528	08/03/97	1500	21.85	7.29	83.8
1529	08/03/97	1600	21.89	7.28	83.8
1530	08/03/97	1700	21.92	7.28	83.9
1531	08/03/97	1800	21.96	7.30	84.2
1532	08/03/97	1900	21.92	7.29	84.0
1533	08/03/97	2000	22.01	7.32	84.5
1534	08/03/97	2100	22.07	7.30	84.0
1535	08/03/97	2200	22.05	7.27	84.3
1536	08/03/97	2300	22.05	7.25	84.0
1537	08/04/97	0	22.00	7.25	83.7
1538	08/04/97	100	21.98	7.23	83.4
1539	08/04/97	200	22.01	7.23	83.7
1540	08/04/97	300	21.98	7.25	83.7
1541	08/04/97	400	21.91	7.23	83.3
1542	08/04/97	500	21.87	7.22	83.1
1543	08/04/97	600	21.92	7.25	83.5
1544	08/04/97	700	21.85	7.22	83.1
1545	08/04/97	800	21.85	7.22	83.1
1546	08/04/97	900	21.88	7.23	83.3
1547	08/04/97	1000	21.85	7.22	83.1
1548	08/04/97	1100	21.92	7.22	83.4
1549	08/04/97	1200	22.03	7.24	84.2
1550	08/04/97	1300	22.14	7.34	84.9
1551	08/04/97	1400	22.16	7.43	86.0
1552	08/04/97	1500	22.16	7.42	85.8
1553	08/04/97	1600	22.16	7.44	86.1
1554	08/04/97	1700	22.19	7.46	86.4



BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1555	08/04/97	1800	22.16	7.52	87.0
1556	08/04/97	1900	22.19	7.56	87.5
1557	08/04/97	2000	22.10	7.50	86.7
1558	08/04/97	2100	22.12	7.50	86.7
1559	08/04/97	2200	22.10	7.45	85.2
1560	08/04/97	2300	21.98	7.47	85.2
1561	08/05/97	0	21.87	7.39	85.1
1562	08/05/97	100	21.75	7.33	84.2
1563	08/05/97	200	21.69	7.28	84.2
1564	08/05/97	300	21.68	7.29	83.5
1565	08/05/97	400	21.71	7.32	83.6
1566	08/05/97	500	21.60	7.27	84.0
1567	08/05/97	600	21.62	7.26	83.2
1568	08/05/97	700	21.64	7.26	83.2
1569	08/05/97	800	21.68	7.29	83.6
1570	08/05/97	900	21.71	7.31	83.9
1571	08/05/97	1000	21.87	7.35	84.6
1572	08/05/97	1100	21.89	7.34	84.6
1573	08/05/97	1200	21.92	7.30	84.1
1574	08/05/97	1300	21.92	7.17	82.6
1575	08/05/97	1400	21.92	7.13	82.6
1576	08/05/97	1500	21.87	7.11	82.1
1577	08/05/97	1600	22.01	7.17	81.8
1578	08/05/97	1700	21.87	7.20	82.8
1579	08/05/97	1800	21.60	7.02	82.9
1580	08/05/97	1900	21.66	7.07	80.3
1581	08/05/97	2000	21.52	7.02	81.1
1582	08/05/97	2100	21.52	7.03	80.3
1583	08/05/97	2200	21.48	7.06	80.4
1584	08/05/97	2300	21.43	7.04	80.6
1585	08/06/97	0	21.32	6.96	80.3
1586	08/06/97	100	21.43	6.95	79.3
1587	08/06/97	200	21.45	6.95	79.4
1588	08/06/97	300	21.29	6.87	79.1
1589	08/06/97	400	21.34	6.90	78.2
1590	08/06/97	500	21.41	6.93	78.6
1591	08/06/97	600	21.41	6.99	79.1
1592	08/06/97	700	21.34	6.99	79.8
1593	08/06/97	800	21.34	6.93	79.7
1594	08/06/97	900	21.36	6.92	79.0
1595	08/06/97	1000	21.39	6.91	78.9
1596	08/06/97	1100	21.46	6.94	78.8
1597	08/06/97	1200	21.52	6.99	79.2
1598	08/06/97	1300	21.55	6.90	79.9
1599	08/06/97	1400	21.62	6.95	79.6
1600	08/06/97	1500	21.68	6.98	80.0
1601	08/06/97	1600	21.73	6.98	80.2
1602	08/06/97	1700	21.66	6.97	80.2
1603	08/06/97	1800	21.66	6.93	79.9
1604	08/06/97	1900	21.58	6.89	79.5
1605	08/06/97	2000	21.45	6.82	78.9
1606	08/06/97	2100	21.36	6.81	77.8
1607	08/06/97	2200	21.29	6.76	77.6
1608	08/06/97	2300	21.23	6.74	77.0
1609	08/07/97	0	21.20	6.71	76.7
1610	08/07/97	100	21.18	6.69	76.3
1611	08/07/97	200	21.18	6.71	76.0
1612	08/07/97	300	21.16	6.69	76.2
1613	08/07/97	400	21.13	6.67	76.0
1614	08/07/97	500	21.13	6.65	75.7
1615	08/07/97	600	21.15	6.71	75.5
1616	08/07/97	700	21.07	6.69	75.2
1617	08/07/97	800	21.13	6.75	75.8
1618	08/07/97	900	21.27	6.75	76.7
1619	08/07/97	1000	21.34	6.90	76.7
1620	08/07/97	1100	21.38	6.92	78.5
1621	08/07/97	1200	21.62	6.37	72.7
1622	08/07/97	1300	21.88	7.12	81.5
1623	08/07/97	1400	21.94	7.06	81.3
1624	08/07/97	1500	21.96	7.06	81.4
1625	08/07/97	1600	21.92	7.06	81.3
1626	08/07/97	1700	21.76	6.89	80.5
1627	08/07/97	1800	21.76	6.88	79.1
1628	08/07/97	1900	21.76	6.92	79.0

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1629	08/07/97	2000	21.53	6.77	77.4
1630	08/07/97	2100	21.45	6.90	78.7
1631	08/07/97	2200	21.43	6.85	78.2
1632	08/07/97	2300	21.38	6.82	77.8
1633	08/08/97	0	21.32	6.80	77.4
1634	08/08/97	100	21.29	6.73	76.6
1635	08/08/97	200	21.27	6.68	76.0
1636	08/08/97	300	21.29	6.71	76.3
1637	08/08/97	400	21.32	6.74	76.8
1638	08/08/97	500	21.23	6.74	76.7
1639	08/08/97	600	21.25	6.84	77.7
1640	08/08/97	700	21.22	6.85	77.9
1641	08/08/97	800	21.27	6.95	79.0
1642	08/08/97	900	21.32	7.00	79.7
1643	08/08/97	1000	21.41	7.02	80.1
1644	08/08/97	1100	21.55	7.11	81.3
1645	08/08/97	1200	21.50	7.06	80.7
1646	08/08/97	1300	21.76	6.88	79.0
1647	08/08/97	1400	21.69	7.02	80.5
1648	08/08/97	1500	21.62	6.89	79.0
1649	08/08/97	1600	21.64	6.96	79.8
1650	08/08/97	1700	21.55	6.90	78.9
1651	08/08/97	1800	21.45	6.84	78.1
1652	08/08/97	1900	21.50	6.90	78.9
1653	08/08/97	2000	21.30	6.83	77.7
1654	08/08/97	2100	21.38	6.93	79.0
1655	08/08/97	2200	21.27	6.91	78.6
1656	08/08/97	2300	21.20	6.89	78.3
1657	08/09/97	0	21.25	6.95	79.0
1658	08/09/97	100	21.18	6.95	79.0
1659	08/09/97	200	21.23	7.03	79.9
1660	08/09/97	300	21.30	7.07	80.5
1661	08/09/97	400	21.22	7.08	80.4
1662	08/09/97	500	21.13	7.06	80.4
1663	08/09/97	600	21.13	7.08	80.4
1664	08/09/97	700	21.02	6.95	78.7
1665	08/09/97	800	20.97	7.02	79.4
1666	08/09/97	900	20.95	6.95	78.6
1667	08/09/97	1000	21.06	7.00	79.3
1668	08/09/97	1100	21.23	7.07	80.4
1669	08/09/97	1200	21.38	7.10	81.0
1670	08/09/97	1300	21.32	7.12	81.1
1671	08/09/97	1400	21.20	7.01	79.7
1672	08/09/97	1500	21.22	6.95	78.9
1673	08/09/97	1600	21.22	7.01	79.7
1674	08/09/97	1700	21.29	7.03	80.0
1675	08/09/97	1800	21.23	7.01	79.7
1676	08/09/97	1900	21.23	7.01	79.7
1677	08/09/97	2000	21.27	7.05	80.2
1678	08/09/97	2100	21.22	7.08	80.4
1679	08/09/97	2200	21.32	7.18	81.8
1680	08/09/97	2300	21.34	7.29	83.0
1681	08/10/97	0	21.23	7.22	82.1
1682	08/10/97	100	21.27	7.27	82.7
1683	08/10/97	200	21.41	7.37	84.1
1684	08/10/97	300	21.55	7.35	84.1
1685	08/10/97	400	21.48	7.34	83.8
1686	08/10/97	500	21.43	7.28	83.1
1687	08/10/97	600	21.34	7.28	82.8
1688	08/10/97	700	21.30	7.27	82.7
1689	08/10/97	800	21.27	7.28	82.9
1690	08/10/97	900	21.36	7.29	83.1
1691	08/10/97	1000	21.30	7.33	83.5
1692	08/10/97	1100	21.41	7.40	84.4
1693	08/10/97	1200	21.62	7.45	85.3
1694	08/10/97	1300	21.80	7.50	86.2
1695	08/10/97	1400	21.84	7.58	87.4
1696	08/10/97	1500	21.87	7.57	87.1
1697	08/10/97	1600	21.92	7.53	86.8
1698	08/10/97	1700	22.00	7.60	87.7
1699	08/10/97	1800	21.94	7.56	87.1
1700	08/10/97	1900	21.96	7.54	87.0
1701	08/10/97	2000	21.85	7.41	85.2
1702	08/10/97	2100	21.64	7.33	84.1

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1703	08/10/97	2200	21.59	7.28	83.3
1704	08/10/97	2300	21.30	7.17	81.7
1705	08/11/97	0	21.22	7.10	80.6
1706	08/11/97	100	21.11	7.10	80.5
1707	08/11/97	200	21.05	7.10	80.4
1708	08/11/97	300	20.99	7.06	79.9
1709	08/11/97	400	21.00	7.12	80.6
1710	08/11/97	500	21.02	7.08	80.2
1711	08/11/97	600	21.00	7.06	79.9
1712	08/11/97	700	21.00	7.12	80.6
1713	08/11/97	800	21.06	7.21	81.7
1714	08/11/97	900	21.13	7.26	82.4
1715	08/11/97	1000	21.20	7.24	82.2
1716	08/11/97	1100	21.25	7.22	82.1
1717	08/11/97	1200	21.27	7.21	82.0
1718	08/11/97	1300	21.22	7.13	81.1
1719	08/11/97	1400	21.22	7.11	80.8
1720	08/11/97	1500	21.18	7.10	80.7
1721	08/11/97	1600	21.07	7.10	80.5
1722	08/11/97	1700	20.92	7.02	79.3
1723	08/11/97	1800	20.93	7.01	79.2
1724	08/11/97	1900	20.85	6.93	78.2
1725	08/11/97	2000	20.85	6.88	77.6
1726	08/11/97	2100	20.85	6.89	77.7
1727	08/11/97	2200	20.79	6.86	77.3
1728	08/11/97	2300	20.81	6.89	77.6
1729	08/12/97	0	20.76	6.77	76.3
1730	08/12/97	100	20.83	6.81	76.8
1731	08/12/97	200	20.83	6.81	76.8
1732	08/12/97	300	20.78	6.83	77.0
1733	08/12/97	400	20.81	6.84	77.1
1734	08/12/97	500	20.81	6.88	77.5
1735	08/12/97	600	20.76	6.88	77.5
1736	08/12/97	700	20.72	6.87	77.4
1737	08/12/97	800	20.60	6.86	77.0
1738	08/12/97	900	20.62	6.85	77.0
1739	08/12/97	1000	20.57	6.81	76.4
1740	08/12/97	1100	20.51	6.79	76.1
1741	08/12/97	1200	20.50	6.85	76.7
1742	08/12/97	1300	20.46	6.82	76.4
1743	08/12/97	1400	20.39	6.88	76.9
1744	08/12/97	1500	20.41	6.82	76.3
1745	08/12/97	1600	20.43	6.82	76.3
1746	08/12/97	1700	20.50	6.89	77.2
1747	08/12/97	1800	20.50	6.83	76.5
1748	08/12/97	1900	20.41	6.83	76.4
1749	08/12/97	2000	20.50	6.83	76.5
1750	08/12/97	2100	20.50	6.84	76.6
1751	08/12/97	2200	20.48	6.83	76.5
1752	08/12/97	2300	20.44	6.80	76.1
1753	08/13/97	0	20.44	6.83	76.4
1754	08/13/97	100	20.44	6.83	76.4
1755	08/13/97	200	20.39	6.83	76.4
1756	08/13/97	300	20.39	6.84	76.5
1757	08/13/97	400	20.36	6.83	76.4
1758	08/13/97	500	20.30	6.81	76.4
1759	08/13/97	600	20.22	6.81	75.9
1760	08/13/97	700	20.23	6.89	76.9
1761	08/13/97	800	20.22	7.03	78.4
1762	08/13/97	900	20.16	7.09	78.9
1763	08/13/97	1000	20.20	7.13	79.5
1764	08/13/97	1100	20.27	7.07	79.5
1765	08/13/97	1200	20.48	7.30	78.9
1766	08/13/97	1300	20.51	7.31	81.8
1767	08/13/97	1400	20.64	7.24	82.0
1768	08/13/97	1500	20.68	7.36	81.4
1769	08/13/97	1600	20.71	7.34	82.8
1770	08/13/97	1700	20.78	7.33	82.6
1771	08/13/97	1800	20.71	7.21	81.1
1772	08/13/97	1900	20.71	7.06	79.4
1773	08/13/97	2000	20.65	6.99	78.6
1774	08/13/97	2100	20.59	6.89	77.1
1775	08/13/97	2200	20.29	6.85	76.4
1776	08/13/97	2300	20.22	6.82	76.0

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1777	08/14/97	0	20.08	6.75	75.0
1778	08/14/97	100	19.96	6.65	73.7
1779	08/14/97	200	19.92	6.71	74.3
1780	08/14/97	300	19.89	6.73	74.5
1781	08/14/97	400	19.85	6.65	73.6
1782	08/14/97	500	19.85	6.64	73.4
1783	08/14/97	600	19.89	6.56	72.6
1784	08/14/97	700	19.89	6.56	72.7
1785	08/14/97	800	19.85	6.91	76.4
1786	08/14/97	900	19.87	6.81	75.3
1787	08/14/97	1000	19.87	6.90	76.4
1788	08/14/97	1100	19.96	6.99	77.5
1789	08/14/97	1200	19.97	7.02	77.9
1790	08/14/97	1300	19.87	6.81	75.3
1791	08/14/97	1400	19.82	6.89	76.2
1792	08/14/97	1500	19.76	6.94	76.7
1793	08/14/97	1600	19.70	7.26	80.4
1794	08/14/97	1700	19.67	7.19	78.4
1795	08/14/97	1800	19.42	7.12	78.4
1796	08/14/97	1900	19.35	7.10	78.1
1797	08/14/97	2000	19.35	7.09	78.0
1798	08/14/97	2100	19.35	7.09	78.0
1799	08/14/97	2200	19.26	6.97	76.5
1800	08/14/97	2300	19.18	6.80	74.5
1801	08/15/97	0	19.07	6.79	74.2
1802	08/15/97	100	19.16	6.87	75.3
1803	08/15/97	200	19.19	6.96	76.3
1804	08/15/97	300	19.21	7.06	77.4
1805	08/15/97	400	19.18	7.03	77.1
1806	08/15/97	500	19.23	7.03	77.4
1807	08/15/97	600	19.19	7.20	78.9
1808	08/15/97	700	19.19	7.23	79.3
1809	08/15/97	800	19.23	7.30	80.1
1810	08/15/97	900	19.18	7.29	79.9
1811	08/15/97	1000	19.16	7.28	79.4
1812	08/15/97	1100	19.25	7.33	80.5
1813	08/15/97	1200	19.35	7.38	81.1
1814	08/15/97	1300	19.35	7.37	81.0
1815	08/15/97	1400	19.45	7.37	81.2
1816	08/15/97	1500	19.66	7.45	82.4
1817	08/15/97	1600	19.71	7.49	82.6
1818	08/15/97	1700	19.78	7.49	83.0
1819	08/15/97	1800	19.75	7.52	83.3
1820	08/15/97	1900	19.66	7.47	82.5
1821	08/15/97	2000	19.47	7.44	82.0
1822	08/15/97	2100	19.45	7.52	82.9
1823	08/15/97	2200	19.28	7.51	82.5
1824	08/15/97	2300	19.30	7.48	82.1
1825	08/16/97	0	19.30	7.45	81.8
1826	08/16/97	100	19.30	7.45	82.0
1827	08/16/97	200	19.23	7.48	82.0
1828	08/16/97	300	19.33	7.40	81.4
1829	08/16/97	400	19.37	7.38	81.2
1830	08/16/97	500	19.42	7.40	81.4
1831	08/16/97	600	19.38	7.38	81.2
1832	08/16/97	700	19.35	7.37	81.0
1833	08/16/97	800	19.37	7.34	80.7
1834	08/16/97	900	19.47	7.48	82.5
1835	08/16/97	1000	19.47	7.50	82.6
1836	08/16/97	1100	19.56	7.64	84.1
1837	08/16/97	1200	19.57	7.62	84.4
1838	08/16/97	1300	19.56	7.63	84.3
1839	08/16/97	1400	19.64	7.64	84.5
1840	08/16/97	1500	19.68	7.69	85.2
1841	08/16/97	1600	19.71	7.75	85.9
1842	08/16/97	1700	19.66	7.78	86.0
1843	08/16/97	1800	19.66	7.87	87.7
1844	08/16/97	1900	19.66	7.87	87.9
1845	08/16/97	2000	19.40	7.89	84.0
1846	08/16/97	2100	19.35	7.64	83.1
1847	08/16/97	2200	19.16	7.58	84.3
1848	08/16/97	2300	19.16	7.69	84.3
1849	08/17/97	0	19.06	7.64	83.5
1850	08/17/97	100	19.04	7.70	84.1

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1851	08/17/97	200	19.11	7.70	84.3
1852	08/17/97	300	19.13	7.71	84.4
1853	08/17/97	400	19.14	7.82	85.6
1854	08/17/97	500	19.11	7.88	86.3
1855	08/17/97	600	19.09	7.85	85.9
1856	08/17/97	700	19.05	7.84	85.7
1857	08/17/97	800	19.05	7.87	86.1
1858	08/17/97	900	18.99	7.82	85.4
1859	08/17/97	1000	18.94	7.81	85.2
1860	08/17/97	1100	18.90	7.78	84.8
1861	08/17/97	1200	18.87	7.78	84.7
1862	08/17/97	1300	18.80	7.74	84.2
1863	08/17/97	1400	18.78	7.78	84.5
1864	08/17/97	1500	18.74	7.80	84.7
1865	08/17/97	1600	18.75	7.83	85.0
1866	08/17/97	1700	18.61	7.85	85.0
1867	08/17/97	1800	18.62	7.82	84.8
1868	08/17/97	1900	18.64	7.83	84.9
1869	08/17/97	2000	18.68	7.81	84.7
1870	08/17/97	2100	18.66	7.84	85.0
1871	08/17/97	2200	18.64	7.86	85.2
1872	08/17/97	2300	18.62	7.84	84.9
1873	08/18/97	0	18.64	7.79	84.5
1874	08/18/97	100	18.66	7.81	84.7
1875	08/18/97	200	18.64	7.81	84.6
1876	08/18/97	300	18.63	7.81	84.6
1877	08/18/97	400	18.59	7.79	84.4
1878	08/18/97	500	18.51	7.77	84.0
1879	08/18/97	600	18.47	7.78	84.0
1880	08/18/97	700	18.40	7.77	83.8
1881	08/18/97	800	18.37	7.78	83.8
1882	08/18/97	900	18.34	7.74	83.4
1883	08/18/97	1000	18.30	7.80	84.0
1884	08/18/97	1100	18.30	7.68	82.6
1885	08/18/97	1200	18.30	7.72	83.1
1886	08/18/97	1300	18.25	7.86	84.5
1887	08/18/97	1400	18.30	7.86	84.5
1888	08/18/97	1500	18.42	7.87	84.9
1889	08/18/97	1600	18.29	7.81	84.0
1890	08/18/97	1700	18.30	7.83	84.2
1891	08/18/97	1800	18.25	7.79	83.8
1892	08/18/97	1900	18.25	7.75	83.3
1893	08/18/97	2000	18.29	7.75	83.4
1894	08/18/97	2100	18.23	7.63	82.1
1895	08/18/97	2200	18.22	7.68	82.6
1896	08/18/97	2300	18.23	7.67	82.4
1897	08/19/97	0	18.23	7.62	82.0
1898	08/19/97	100	18.20	7.64	82.1
1899	08/19/97	200	18.14	7.70	82.7
1900	08/19/97	300	18.10	7.65	82.1
1901	08/19/97	400	18.12	7.66	82.2
1902	08/19/97	500	18.11	7.68	82.4
1903	08/19/97	600	18.06	7.65	81.9
1904	08/19/97	700	18.05	7.62	81.6
1905	08/19/97	800	17.96	7.57	80.9
1906	08/19/97	900	17.92	7.59	81.1
1907	08/19/97	1000	17.94	7.58	81.0
1908	08/19/97	1100	17.90	7.58	81.0
1909	08/19/97	1200	17.83	7.54	80.4
1910	08/19/97	1300	17.78	7.53	80.2
1911	08/19/97	1400	17.74	7.56	80.4
1912	08/19/97	1500	17.68	7.63	81.1
1913	08/19/97	1600	17.69	7.61	80.9
1914	08/19/97	1700	17.62	7.61	80.8
1915	08/19/97	1800	17.61	7.63	80.8
1916	08/19/97	1900	17.64	7.69	81.6
1917	08/19/97	2000	17.77	7.76	82.6
1918	08/19/97	2100	17.76	7.79	82.9
1919	08/19/97	2200	17.79	7.77	82.8
1920	08/19/97	2300	17.80	7.75	82.5
1921	08/20/97	0	17.77	7.80	83.0
1922	08/20/97	100	17.77	7.85	83.6
1923	08/20/97	200	17.78	7.85	83.6
1924	08/20/97	300	17.77	7.84	83.5

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1925	08/20/97	400	17.67	7.77	82.6
1926	08/20/97	500	17.59	7.71	81.8
1927	08/20/97	600	17.55	7.73	81.9
1928	08/20/97	700	17.54	7.68	81.3
1929	08/20/97	800	17.43	7.63	80.7
1930	08/20/97	900	17.35	7.60	80.2
1931	08/20/97	1000	17.30	7.65	80.7
1932	08/20/97	1100	17.30	7.61	80.3
1933	08/20/97	1200	17.23	7.57	79.7
1934	08/20/97	1300	17.13	7.53	80.2
1935	08/20/97	1400	17.11	7.76	81.5
1936	08/20/97	1500	17.13	7.74	81.4
1937	08/20/97	1600	17.15	7.71	81.0
1938	08/20/97	1700	17.15	7.72	81.1
1939	08/20/97	1800	17.15	7.65	80.4
1940	08/20/97	1900	17.20	7.73	81.3
1941	08/20/97	2000	17.25	7.78	81.9
1942	08/20/97	2100	17.32	7.80	82.3
1943	08/20/97	2200	17.32	7.78	82.1
1944	08/20/97	2300	17.33	7.75	81.7
1945	08/21/97	0	17.34	7.77	82.0
1946	08/21/97	100	17.34	7.78	82.1
1947	08/21/97	200	17.33	7.79	82.2
1948	08/21/97	300	17.30	7.75	81.8
1949	08/21/97	400	17.29	7.70	81.2
1950	08/21/97	500	17.28	7.72	81.4
1951	08/21/97	600	17.24	7.73	81.4
1952	08/21/97	700	17.24	7.76	81.7
1953	08/21/97	800	17.19	7.75	81.5
1954	08/21/97	900	17.19	7.79	82.0
1955	08/21/97	1000	17.17	7.75	81.5
1956	08/21/97	1100	17.16	7.83	82.3
1957	08/21/97	1200	17.15	7.90	82.0
1958	08/21/97	1300	17.20	7.87	82.8
1959	08/21/97	1400	17.26	7.87	82.9
1960	08/21/97	1500	17.34	7.93	83.7
1961	08/21/97	1600	17.37	7.91	83.6
1962	08/21/97	1700	17.42	7.87	83.2
1963	08/21/97	1800	17.49	7.90	83.6
1964	08/21/97	1900	17.44	7.96	84.1
1965	08/21/97	2000	17.47	7.91	83.7
1966	08/21/97	2100	17.47	7.95	84.1
1967	08/21/97	2200	17.40	7.92	83.7
1968	08/21/97	2300	17.30	7.86	82.9
1969	08/22/97	0	17.26	7.83	82.5
1970	08/22/97	100	17.17	7.81	82.1
1971	08/22/97	200	17.15	7.79	81.9
1972	08/22/97	300	17.08	7.80	81.9
1973	08/22/97	400	17.03	7.83	82.1
1974	08/22/97	500	17.06	7.81	81.9
1975	08/22/97	600	17.00	7.82	82.0
1976	08/22/97	700	16.98	7.85	82.3
1977	08/22/97	800	16.99	7.84	82.1
1978	08/22/97	900	17.00	7.86	82.4
1979	08/22/97	1000	17.03	7.88	82.6
1980	08/22/97	1100	17.10	7.92	83.2
1981	08/22/97	1200	17.15	8.15	85.7
1982	08/22/97	1300	17.27	8.20	86.4
1983	08/22/97	1400	17.35	8.21	86.8
1984	08/22/97	1500	17.48	8.24	87.2
1985	08/22/97	1600	17.75	8.26	87.9
1986	08/22/97	1700	17.81	8.25	87.9
1987	08/22/97	1800	17.74	8.20	87.2
1988	08/22/97	1900	17.62	8.14	86.5
1989	08/22/97	2000	17.51	8.15	86.5
1990	08/22/97	2100	17.45	8.08	85.5
1991	08/22/97	2200	17.33	8.01	84.6
1992	08/22/97	2300	17.24	7.86	82.8
1993	08/23/97	0	17.08	7.80	81.9
1994	08/23/97	100	17.02	7.70	81.7
1995	08/23/97	200	16.86	7.74	80.8
1996	08/23/97	300	16.84	7.74	80.8
1997	08/23/97	400	16.83	7.80	81.5
1998	08/23/97	500	16.81	7.89	82.4

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1999	08/23/97	600	16.71	7.94	82.7
2000	08/23/97	700	16.81	7.99	83.4
2001	08/23/97	800	16.83	8.00	83.6
2002	08/23/97	900	16.86	8.00	83.4
2003	08/23/97	1000	16.98	7.96	84.2
2004	08/23/97	1100	17.06	8.02	85.3
2005	08/23/97	1200	17.12	8.12	85.5
2006	08/23/97	1300	17.23	8.12	85.3
2007	08/23/97	1400	17.19	8.11	84.7
2008	08/23/97	1500	17.13	8.06	84.4
2009	08/23/97	1600	17.08	8.04	83.6
2010	08/23/97	1700	16.95	7.99	83.0
2011	08/23/97	1800	16.88	7.94	82.9
2012	08/23/97	1900	16.81	7.94	82.9
2013	08/23/97	2000	16.73	7.96	82.4
2014	08/23/97	2100	16.66	7.92	82.6
2015	08/23/97	2200	16.66	7.94	82.8
2016	08/23/97	2300	16.64	7.96	82.7
2017	08/24/97	0	16.63	7.96	82.2
2018	08/24/97	100	16.61	7.92	82.2
2019	08/24/97	200	16.54	7.95	82.2
2020	08/24/97	300	16.54	7.96	82.2
2021	08/24/97	400	16.53	7.93	82.2
2022	08/24/97	500	16.51	7.93	82.2
2023	08/24/97	600	16.51	7.97	82.6
2024	08/24/97	700	16.51	8.00	83.0
2025	08/24/97	800	16.53	8.01	83.1
2026	08/24/97	900	16.51	8.01	83.0
2027	08/24/97	1000	16.48	8.01	83.4
2028	08/24/97	1100	16.48	8.05	83.4
2029	08/24/97	1200	16.43	8.05	83.2
2030	08/24/97	1300	16.38	8.05	83.5
2031	08/24/97	1400	16.39	8.04	83.6
2032	08/24/97	1500	16.39	8.07	83.4
2033	08/24/97	1600	16.38	8.08	83.4
2034	08/24/97	1700	16.36	8.06	83.4
2035	08/24/97	1800	16.43	8.12	84.1
2036	08/24/97	1900	16.43	8.06	83.4
2037	08/24/97	2000	16.49	8.10	84.0
2038	08/24/97	2100	16.54	8.14	84.5
2039	08/24/97	2200	16.59	8.14	84.6
2040	08/24/97	2300	16.64	8.18	85.1
2041	08/25/97	0	16.66	8.14	84.7
2042	08/25/97	100	16.68	8.18	85.1
2043	08/25/97	200	16.75	8.15	84.9
2044	08/25/97	300	16.66	8.11	84.4
2045	08/25/97	400	16.61	8.18	85.2
2046	08/25/97	500	16.70	8.15	84.8
2047	08/25/97	600	16.64	8.16	84.9
2048	08/25/97	700	16.68	8.16	85.1
2049	08/25/97	800	16.64	8.16	84.8
2050	08/25/97	900	16.71	8.17	85.1
2051	08/25/97	1000	16.70	8.18	85.2
2052	08/25/97	1100	16.70	8.22	85.6
2053	08/25/97	1200	16.63	8.19	85.1
2054	08/25/97	1300	16.66	8.22	85.5
2055	08/25/97	1400	16.66	8.17	85.0
2056	08/25/97	1500	16.61	8.19	85.2
2057	08/25/97	1600	16.56	8.18	85.0
2058	08/25/97	1700	16.49	8.13	84.3
2059	08/25/97	1800	16.49	8.15	84.5
2060	08/25/97	1900	16.46	8.15	84.4
2061	08/25/97	2000	16.36	8.08	83.5
2062	08/25/97	2100	16.38	8.06	83.4
2063	08/25/97	2200	16.41	8.07	83.6
2064	08/25/97	2300	16.46	8.13	84.3
2065	08/26/97	0	16.61	8.16	84.8
2066	08/26/97	100	16.71	8.17	85.1
2067	08/26/97	200	16.75	8.21	85.6
2068	08/26/97	300	16.71	8.19	85.3
2069	08/26/97	400	16.70	8.17	85.1
2070	08/26/97	500	16.70	8.23	85.7
2071	08/26/97	600	16.71	8.18	85.2
2072	08/26/97	700	16.73	8.18	85.2

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2073	08/26/97	800	15.70	8.18	85.2
2074	08/26/97	900	16.58	8.20	85.4
2075	08/26/97	1000	16.75	8.21	85.6
2076	08/26/97	1100	16.75	8.20	85.6
2077	08/26/97	1200	16.80	8.21	86.6
2078	08/26/97	1300	16.93	8.24	86.3
2079	08/26/97	1400	16.93	8.24	86.8
2080	08/26/97	1500	17.10	8.26	87.3
2081	08/26/97	1600	17.20	8.30	87.3
2082	08/26/97	1700	17.23	8.19	86.3
2083	08/26/97	1800	17.23	8.17	86.0
2084	08/26/97	1900	17.22	8.26	86.9
2085	08/26/97	2000	17.10	8.16	85.6
2086	08/26/97	2100	17.05	8.17	85.7
2087	08/26/97	2200	17.08	8.18	85.9
2088	08/26/97	2300	17.05	8.13	85.3
2089	08/27/97	0	17.05	8.17	85.7
2090	08/27/97	100	17.03	8.20	85.9
2091	08/27/97	200	17.19	8.21	86.3
2092	08/27/97	300	17.25	8.22	86.3
2093	08/27/97	400	17.25	8.20	86.4
2094	08/27/97	500	17.19	8.24	86.7
2095	08/27/97	600	17.08	8.25	86.6
2096	08/27/97	700	17.12	8.28	87.0
2097	08/27/97	800	17.13	8.29	87.1
2098	08/27/97	900	17.27	8.37	88.2
2099	08/27/97	1000	17.41	8.35	88.3
2100	08/27/97	1100	17.71	8.45	89.9
2101	08/27/97	1200	18.01	8.50	91.0
2102	08/27/97	1300	18.17	8.49	91.1
2103	08/27/97	1400	18.44	8.47	91.4
2104	08/27/97	1500	18.51	8.49	91.8
2105	08/27/97	1600	18.61	8.98	97.7
2106	08/27/97	1700	18.61	8.92	97.1
2107	08/27/97	1800	18.36	8.82	95.4
2108	08/27/97	1900	18.27	8.73	94.3
2109	08/27/97	2000	18.08	8.68	93.3
2110	08/27/97	2100	18.12	8.70	93.7
2111	08/27/97	2200	17.90	8.63	92.5
2112	08/27/97	2300	17.76	8.58	91.7
2113	08/28/97	0	17.71	8.58	91.6
2114	08/28/97	100	17.64	8.54	90.9
2115	08/28/97	200	17.52	8.55	90.9
2116	08/28/97	300	17.50	8.56	91.0
2117	08/28/97	400	17.50	8.55	90.9
2118	08/28/97	500	17.59	8.55	91.1
2119	08/28/97	600	17.61	8.55	91.1
2120	08/28/97	700	17.62	8.58	91.4
2121	08/28/97	800	17.72	8.60	91.8
2122	08/28/97	900	17.78	8.63	92.3
2123	08/28/97	1000	17.88	8.67	92.8
2124	08/28/97	1100	17.88	8.69	93.1
2125	08/28/97	1200	17.83	8.69	93.0
2126	08/28/97	1300	17.90	8.69	93.5
2127	08/28/97	1400	17.98	8.72	93.6
2128	08/28/97	1500	17.98	8.71	93.6
2129	08/28/97	1600	17.91	8.71	93.4
2130	08/28/97	1700	17.91	8.70	93.2
2131	08/28/97	1800	17.78	8.67	92.7
2132	08/28/97	1900	17.85	8.68	93.0
2133	08/28/97	2000	17.69	8.61	91.9
2134	08/28/97	2100	17.71	8.59	91.8
2135	08/28/97	2200	17.57	8.53	90.9
2136	08/28/97	2300	17.52	8.50	90.4
2137	08/29/97	0	17.49	8.50	90.3
2138	08/29/97	100	17.38	8.48	90.0
2139	08/29/97	200	17.47	8.52	90.6
2140	08/29/97	300	17.47	8.48	90.2
2141	08/29/97	400	17.46	8.52	90.8
2142	08/29/97	500	17.54	8.52	90.8
2143	08/29/97	600	17.47	8.52	90.6
2144	08/29/97	700	17.49	8.53	90.7
2145	08/29/97	800	17.54	8.57	91.1
2146	08/29/97	900	17.50	8.56	91.0
2146	08/29/97	900	17.55	8.59	91.4



BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2147	08/29/97	1000	17.61	8.60	91.6
2148	08/29/97	1100	17.66	8.61	91.8
2149	08/29/97	1200	17.61	8.57	91.3
2150	08/29/97	1300	17.54	8.56	91.0
2151	08/29/97	1400	17.50	8.52	90.5
2152	08/29/97	1500	17.42	8.47	89.8
2153	08/29/97	1600	17.37	8.47	89.8
2154	08/29/97	1700	17.25	8.40	88.8
2155	08/29/97	1800	17.23	8.33	88.8
2156	08/29/97	1900	17.16	8.25	87.1
2157	08/29/97	2000	17.18	8.27	87.4
2158	08/29/97	2100	17.15	8.27	87.3
2159	08/29/97	2200	17.18	8.26	87.3
2160	08/29/97	2300	17.20	8.31	87.7
2161	08/30/97	0	17.20	8.33	88.0
2162	08/30/97	100	17.23	8.36	88.4
2163	08/30/97	200	17.23	8.35	88.2
2164	08/30/97	300	17.28	8.33	88.2
2165	08/30/97	400	17.25	8.31	87.8
2166	08/30/97	500	17.23	8.29	87.5
2167	08/30/97	600	17.20	8.27	87.3
2168	08/30/97	700	17.15	8.25	86.9
2169	08/30/97	800	17.10	8.22	86.6
2170	08/30/97	900	17.06	8.21	86.3
2171	08/30/97	1000	16.94	8.17	85.7
2172	08/30/97	1100	16.86	8.15	85.3
2173	08/30/97	1200	16.77	8.00	83.5
2174	08/30/97	1300	16.62	7.96	83.0
2175	08/30/97	1400	16.59	8.00	83.3
2176	08/30/97	1500	16.52	8.09	84.3
2177	08/30/97	1600	16.57	8.10	84.5
2178	08/30/97	1700	16.62	8.15	85.2
2179	08/30/97	1800	16.69	8.21	85.8
2180	08/30/97	1900	16.72	8.23	86.2
2181	08/30/97	2000	16.77	8.26	86.6
2182	08/30/97	2100	16.84	8.25	86.5
2183	08/30/97	2200	16.88	8.25	86.6
2184	08/30/97	2300	16.84	8.24	86.4
2185	08/31/97	0	16.83	8.25	86.5
2186	08/31/97	100	16.81	8.23	86.3
2187	08/31/97	200	16.77	8.19	85.8
2188	08/31/97	300	16.72	8.13	85.1
2189	08/31/97	400	16.67	8.09	84.5
2190	08/31/97	500	16.64	8.06	84.1
2191	08/31/97	600	16.54	8.02	83.6
2192	08/31/97	700	16.47	7.98	83.0
2193	08/31/97	800	16.47	8.01	83.4
2194	08/31/97	900	16.47	8.07	83.6
2195	08/31/97	1000	16.45	8.15	84.3
2196	08/31/97	1100	16.52	8.14	84.3
2197	08/31/97	1200	16.49	8.12	84.2
2198	08/31/97	1300	16.48	8.14	84.3
2199	08/31/97	1400	16.40	8.09	84.1
2200	08/31/97	1500	16.39	8.03	83.4
2201	08/31/97	1600	16.42	8.05	83.7
2202	08/31/97	1700	16.37	7.96	82.7
2203	08/31/97	1800	16.42	8.05	83.7
2204	08/31/97	1900	16.45	8.07	83.9
2205	08/31/97	2000	16.47	8.14	84.7
2206	08/31/97	2100	16.42	8.12	84.4
2207	08/31/97	2200	16.37	8.16	84.7
2208	08/31/97	2300	16.44	8.16	84.8
2209	09/01/97	0	16.44	8.14	84.7
2210	09/01/97	100	16.50	8.19	85.3
2211	09/01/97	200	16.50	8.24	85.8
2212	09/01/97	300	16.54	8.30	86.5
2213	09/01/97	400	16.52	8.32	86.6
2214	09/01/97	500	16.52	8.29	86.4
2215	09/01/97	600	16.50	8.25	86.3
2216	09/01/97	700	16.49	8.25	86.3
2217	09/01/97	800	16.47	8.27	86.5
2218	09/01/97	900	16.47	8.28	86.6
2219	09/01/97	1000	16.49	8.28	86.6
2220	09/01/97	1100	16.61	8.26	86.2

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2221	09/01/97	1200	16.79	8.30	86.9
2222	09/01/97	1300	16.81	8.31	87.0
2223	09/01/97	1400	16.94	8.32	87.4
2224	09/01/97	1500	17.20	8.35	88.3
2225	09/01/97	1600	17.08	8.30	87.5
2226	09/01/97	1700	17.05	8.31	87.5
2227	09/01/97	1800	16.86	8.31	87.1
2228	09/01/97	1900	16.67	8.28	86.5
2229	09/01/97	2000	17.30	8.41	89.1
2230	09/01/97	2100	17.30	8.38	88.7
2231	09/01/97	2200	17.25	8.44	89.2
2232	09/01/97	2300	17.44	8.46	89.8
2233	09/02/97	0	17.44	8.45	89.7
2234	09/02/97	100	17.18	8.41	88.8
2235	09/02/97	200	16.99	8.32	87.5
2236	09/02/97	300	17.08	8.38	88.3
2237	09/02/97	400	17.05	8.37	88.1
2238	09/02/97	500	17.16	8.39	88.5
2239	09/02/97	600	17.21	8.42	89.0
2240	09/02/97	700	17.18	8.41	88.8
2241	09/02/97	800	17.18	8.26	87.3
2242	09/02/97	900	17.11	8.36	88.2
2243	09/02/97	1000	17.18	8.41	88.8
2244	09/02/97	1100	17.18	8.43	89.0
2245	09/02/97	1200	17.27	8.42	89.1
2246	09/02/97	1300	17.32	8.46	89.5
2247	09/02/97	1400	17.42	8.47	89.8
2248	09/02/97	1500	17.59	8.48	90.3
2249	09/02/97	1600	17.66	8.51	90.8
2250	09/02/97	1700	17.78	8.50	90.7
2251	09/02/97	1800	17.81	8.47	89.7
2252	09/02/97	1900	17.76	8.41	89.8
2253	09/02/97	2000	17.62	8.26	88.0
2254	09/02/97	2100	17.54	8.22	87.5
2255	09/02/97	2200	17.44	8.19	86.9
2256	09/02/97	2300	17.33	8.14	86.2
2257	09/03/97	0	17.23	8.03	84.9
2258	09/03/97	100	17.11	8.03	84.7
2259	09/03/97	200	17.06	8.00	84.3
2260	09/03/97	300	16.94	8.04	84.5
2261	09/03/97	400	16.93	8.07	84.8
2262	09/03/97	500	16.91	8.09	84.9
2263	09/03/97	600	16.93	8.09	84.9
2264	09/03/97	700	16.93	8.31	87.3
2265	09/03/97	800	16.93	8.29	87.1
2266	09/03/97	900	16.94	8.33	87.6
2267	09/03/97	1000	16.96	8.31	87.3
2268	09/03/97	1100	16.96	8.29	87.2
2269	09/03/97	1200	16.99	8.31	87.4
2270	09/03/97	1300	17.05	8.34	87.9
2271	09/03/97	1400	17.13	8.35	88.1
2272	09/03/97	1500	17.05	8.36	88.0
2273	09/03/97	1600	16.99	8.32	87.5
2274	09/03/97	1700	16.94	8.31	87.3
2275	09/03/97	1800	16.89	8.27	86.9
2276	09/03/97	1900	16.88	8.30	87.1
2277	09/03/97	2000	16.91	8.31	87.2
2278	09/03/97	2100	16.85	8.28	86.9
2279	09/03/97	2200	16.85	8.28	86.9
2280	09/03/97	2300	16.85	8.53	87.5
2281	09/04/97	0	16.86	8.33	87.4
2282	09/04/97	100	16.83	8.31	87.2
2283	09/04/97	200	16.81	8.32	87.2
2284	09/04/97	300	16.86	8.29	87.0
2285	09/04/97	400	16.79	8.29	86.8
2286	09/04/97	500	16.83	8.29	86.9
2287	09/04/97	600	16.79	8.28	86.7
2288	09/04/97	700	16.78	8.50	86.9
2289	09/04/97	800	16.79	8.28	86.7
2290	09/04/97	900	16.81	8.27	86.7
2291	09/04/97	1000	16.88	8.29	87.0
2292	09/04/97	1100	16.96	8.27	86.9
2293	09/04/97	1200	17.08	8.26	87.1
2294	09/04/97	1300	17.08	8.24	86.8

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2295	09/04/97	1400	17.20	8.25	87.1
2296	09/04/97	1500	17.28	8.27	87.6
2297	09/04/97	1600	17.30	8.23	87.2
2298	09/04/97	1700	17.21	8.24	87.1
2299	09/04/97	1800	17.15	8.20	86.5
2300	09/04/97	1900	17.01	8.15	85.7
2301	09/04/97	2000	16.91	8.14	85.4
2302	09/04/97	2100	16.84	8.18	85.7
2303	09/04/97	2200	16.80	8.16	85.4
2304	09/04/97	2300	16.76	8.13	85.0
2305	09/05/97	0	16.67	8.13	85.0
2306	09/05/97	100	16.69	8.13	85.0
2307	09/05/97	200	16.69	8.09	84.6
2308	09/05/97	300	16.69	8.07	84.2
2309	09/05/97	400	16.66	8.05	84.0
2310	09/05/97	500	16.62	8.06	84.0
2311	09/05/97	600	16.64	8.06	84.1
2312	09/05/97	700	16.61	8.07	84.2
2313	09/05/97	800	16.59	8.03	83.8
2314	09/05/97	900	16.61	8.05	84.0
2315	09/05/97	1000	16.62	8.04	83.9
2316	09/05/97	1100	16.65	8.06	84.2
2317	09/05/97	1200	16.64	8.06	84.4
2318	09/05/97	1300	16.66	8.05	83.5
2319	09/05/97	1400	16.71	8.11	84.8
2320	09/05/97	1500	16.83	8.16	85.5
2321	09/05/97	1600	16.74	8.14	85.2
2322	09/05/97	1700	16.72	8.11	84.8
2323	09/05/97	1800	16.67	8.07	84.4
2324	09/05/97	1900	16.62	8.04	83.9
2325	09/05/97	2000	16.55	7.99	83.3
2326	09/05/97	2100	16.47	7.98	83.0
2327	09/05/97	2200	16.51	7.99	83.2
2328	09/05/97	2300	16.67	8.10	84.6
2329	09/06/97	0	16.76	8.09	84.7
2330	09/06/97	100	16.77	8.07	84.4
2331	09/06/97	200	16.77	8.10	84.8
2332	09/06/97	300	16.67	8.07	84.4
2333	09/06/97	400	16.57	8.03	83.7
2334	09/06/97	500	16.50	7.98	83.1
2335	09/06/97	600	16.44	7.92	82.4
2336	09/06/97	700	16.37	7.90	82.1
2337	09/06/97	800	16.37	7.95	82.6
2338	09/06/97	900	16.49	8.01	83.4
2339	09/06/97	1000	16.52	8.01	83.5
2340	09/06/97	1100	16.59	8.01	83.5
2341	09/06/97	1200	16.66	8.04	84.0
2342	09/06/97	1300	16.72	8.07	84.4
2343	09/06/97	1400	16.71	8.07	84.3
2344	09/06/97	1500	16.74	8.09	84.7
2345	09/06/97	1600	16.83	8.08	84.7
2346	09/06/97	1700	16.77	8.09	84.7
2347	09/06/97	1800	16.66	8.04	84.0
2348	09/06/97	1900	16.52	8.01	83.5
2349	09/06/97	2000	16.52	8.00	83.3
2350	09/06/97	2100	16.45	7.98	83.0
2351	09/06/97	2200	16.44	7.95	82.6
2352	09/06/97	2300	16.38	7.96	82.7
2353	09/07/97	0	16.32	7.98	82.7
2354	09/07/97	100	16.28	7.99	82.8
2355	09/07/97	200	16.23	8.01	82.9
2356	09/07/97	300	16.25	8.03	83.2
2357	09/07/97	400	16.18	8.04	83.1
2358	09/07/97	500	16.22	8.00	82.8
2359	09/07/97	600	16.22	8.03	83.1
2360	09/07/97	700	16.22	8.04	83.2
2361	09/07/97	800	16.18	8.01	82.8
2362	09/07/97	900	16.17	8.01	82.9
2363	09/07/97	1000	16.12	7.98	82.4
2364	09/07/97	1100	16.08	8.00	82.5
2365	09/07/97	1200	16.17	7.99	82.6
2366	09/07/97	1300	16.17	8.04	83.1
2367	09/07/97	1400	16.20	8.09	83.7
2368	09/07/97	1500	16.22	8.08	83.6

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2359	09/07/97	1600	16.17	8.14	84.2
2360	09/07/97	1700	16.18	8.15	84.2
2371	09/07/97	1800	16.17	8.14	84.1
2372	09/07/97	1900	16.12	8.16	84.3
2373	09/07/97	2000	16.13	8.15	84.2
2374	09/07/97	2100	15.08	8.12	83.9
2375	09/07/97	2200	16.06	8.16	84.1
2376	09/07/97	2300	16.05	8.19	84.5
2377	09/08/97	0	16.03	8.17	84.2
2378	09/08/97	100	16.03	8.18	84.4
2379	09/08/97	200	16.03	8.20	84.5
2380	09/08/97	300	16.02	8.19	84.4
2381	09/08/97	400	15.98	8.20	84.4
2382	09/08/97	500	15.99	8.21	84.6
2383	09/08/97	600	15.98	8.21	84.6
2384	09/08/97	700	15.97	8.24	84.5
2385	09/08/97	800	15.97	8.21	84.6
2386	09/08/97	900	15.95	8.21	84.6
2387	09/08/97	1000	15.92	8.23	84.6
2388	09/08/97	1100	15.93	8.20	84.3
2389	09/08/97	1200	15.90	8.21	84.4
2390	09/08/97	1300	15.88	8.17	84.0
2391	09/08/97	1400	15.86	8.17	83.9
2392	09/08/97	1500	15.85	8.13	83.5
2393	09/08/97	1600	15.86	8.18	84.0
2394	09/08/97	1700	15.80	8.20	84.1
2395	09/08/97	1800	15.81	8.22	84.3
2396	09/08/97	1900	15.80	8.23	84.4
2397	09/08/97	2000	15.81	8.18	83.9
2398	09/08/97	2100	15.78	8.16	83.7
2399	09/08/97	2200	15.80	8.17	83.8
2400	09/08/97	2300	15.86	8.19	84.1
2401	09/09/97	0	15.86	8.20	84.3
2402	09/09/97	100	15.86	8.20	84.3
2403	09/09/97	200	15.92	8.21	84.5
2404	09/09/97	300	15.90	8.22	84.6
2405	09/09/97	400	15.92	8.24	84.7
2406	09/09/97	500	15.92	8.23	84.6
2407	09/09/97	600	15.90	8.23	84.6
2408	09/09/97	700	15.90	8.24	84.6
2409	09/09/97	800	15.93	8.24	84.6
2410	09/09/97	900	15.93	8.27	84.7
2411	09/09/97	1000	15.97	8.30	85.1
2412	09/09/97	1100	15.95	8.31	85.5
2413	09/09/97	1200	15.93	8.29	85.4
2414	09/09/97	1300	15.92	8.30	85.5
2415	09/09/97	1400	15.98	8.30	85.4
2416	09/09/97	1500	16.03	8.32	85.8
2417	09/09/97	1600	16.02	8.31	85.8
2418	09/08/97	1700	16.07	8.34	86.0
2419	09/08/97	1800	16.17	8.37	86.6
2420	09/08/97	1900	16.12	8.34	86.1
2421	09/09/97	2000	16.24	8.37	86.6
2422	09/09/97	2100	16.29	8.38	86.8
2423	09/09/97	2200	16.23	8.31	86.0
2424	09/09/97	2300	16.15	8.25	85.3
2425	09/10/97	0	16.12	8.31	86.8
2426	09/10/97	100	16.13	8.33	86.8
2427	09/10/97	200	16.07	8.34	86.1
2428	09/10/97	300	16.07	8.30	85.6
2429	09/10/97	400	16.09	8.30	85.6
2430	09/10/97	500	16.09	8.32	85.9
2431	09/10/97	600	16.15	8.34	86.2
2432	09/10/97	700	16.13	8.34	86.2
2433	09/10/97	800	16.12	8.37	86.5
2434	09/10/97	900	16.13	8.39	86.5
2435	09/10/97	1000	16.17	8.41	86.7
2436	09/10/97	1100	16.23	8.40	86.8
2437	09/10/97	1200	16.23	8.42	87.0
2438	09/10/97	1300	16.34	8.44	87.1
2439	09/10/97	1400	16.34	8.44	87.6
2440	09/10/97	1500	16.39	8.44	87.6
2441	09/10/97	1600	16.39	8.44	87.6
2442	09/10/97	1700	16.45	8.45	87.8

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2443	09/10/97	1800	16.42	8.54	88.8
2444	09/10/97	1900	16.40	8.48	88.1
2445	09/10/97	2000	16.37	8.46	87.8
2446	09/10/97	2100	16.35	8.44	87.6
2447	09/10/97	2200	16.37	8.41	87.3
2448	09/10/97	2300	16.35	8.39	87.0
2449	09/11/97	0	16.30	8.36	86.7
2450	09/11/97	100	16.22	8.34	86.3
2451	09/11/97	200	16.13	8.30	85.7
2452	09/11/97	300	16.12	8.30	85.7
2453	09/11/97	400	16.10	8.32	85.8
2454	09/11/97	500	16.07	8.28	85.4
2455	09/11/97	600	16.09	8.32	85.9
2456	09/11/97	700	16.08	8.33	86.0
2457	09/11/97	800	16.07	8.36	86.3
2458	09/11/97	900	16.15	8.41	87.0
2459	09/11/97	1000	16.17	8.29	85.7
2460	09/11/97	1100	16.25	8.39	86.9
2461	09/11/97	1200	16.29	8.42	87.2
2462	09/11/97	1300	16.27	8.38	86.9
2463	09/11/97	1400	16.25	8.34	86.4
2464	09/11/97	1500	16.16	8.50	88.5
2465	09/11/97	1600	16.23	8.46	88.2
2466	09/11/97	1700	16.23	8.49	88.4
2467	09/11/97	1800	16.30	8.49	88.6
2468	09/11/97	1900	16.31	8.52	89.0
2469	09/11/97	2000	16.30	8.55	89.2
2470	09/11/97	2100	16.23	8.51	88.7
2471	09/11/97	2200	16.23	8.47	88.1
2472	09/11/97	2300	16.11	8.40	87.2
2473	09/12/97	0	16.06	8.40	86.7
2474	09/12/97	100	16.01	8.36	86.2
2475	09/12/97	200	15.99	8.31	85.2
2476	09/12/97	300	15.91	8.30	85.9
2477	09/12/97	400	15.91	8.30	85.9
2478	09/12/97	500	15.91	8.35	86.4
2479	09/12/97	600	15.93	8.35	86.5
2480	09/12/97	700	15.94	8.37	86.7
2481	09/12/97	800	15.94	8.39	86.9
2482	09/12/97	900	15.96	8.39	87.0
2483	09/12/97	1000	16.01	8.40	87.2
2484	09/12/97	1100	16.09	8.43	87.6
2485	09/12/97	1200	16.11	8.43	87.7
2486	09/12/97	1300	16.21	8.47	88.2
2487	09/12/97	1400	16.26	8.47	88.3
2488	09/12/97	1500	16.16	8.42	87.6
2489	09/12/97	1600	16.13	8.42	87.6
2490	09/12/97	1700	16.11	8.42	87.6
2491	09/12/97	1800	16.20	8.40	87.5
2492	09/12/97	1900	16.04	8.37	86.9
2493	09/12/97	2000	15.93	8.30	85.8
2494	09/12/97	2100	15.88	8.26	85.5
2495	09/12/97	2200	15.84	8.29	85.7
2496	09/12/97	2300	15.84	8.31	85.9
2497	09/13/97	0	15.81	8.29	85.6
2498	09/13/97	100	15.86	8.29	85.7
2499	09/13/97	200	15.88	8.27	85.6
2500	09/13/97	300	15.81	8.25	85.5
2501	09/13/97	400	15.83	8.27	85.5
2502	09/13/97	500	15.83	8.27	85.5
2503	09/13/97	600	15.84	8.26	85.4
2504	09/13/97	700	15.84	8.29	85.7
2505	09/13/97	800	15.83	8.29	85.6
2506	09/13/97	900	15.84	8.28	85.6
2507	09/13/97	1000	15.89	8.28	85.8
2508	09/13/97	1100	15.96	8.35	86.5
2509	09/13/97	1200	16.03	8.35	86.5
2510	09/13/97	1300	16.11	8.32	86.5
2511	09/13/97	1400	16.18	8.36	87.0
2512	09/13/97	1500	16.13	8.29	86.2
2513	09/13/97	1600	16.03	8.26	85.7
2514	09/13/97	1700	15.01	8.26	85.7
2515	09/13/97	1800	15.96	8.23	85.3
2516	09/13/97	1900	15.83	8.16	84.3

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2517	09/13/97	2000	15.73	8.10	83.5
2518	09/13/97	2100	15.68	8.09	83.3
2519	09/13/97	2200	15.64	8.10	83.3
2520	09/13/97	2300	15.74	8.19	84.5
2521	09/14/97	0	15.88	8.24	85.2
2522	09/14/97	100	15.91	8.21	84.9
2523	09/14/97	200	15.84	8.23	85.1
2524	09/14/97	300	15.89	8.27	85.6
2525	09/14/97	400	15.94	8.28	85.8
2526	09/14/97	500	16.08	8.35	86.7
2527	09/14/97	600	16.04	8.37	86.9
2528	09/14/97	700	16.01	8.33	86.4
2529	09/14/97	800	15.94	8.29	85.9
2530	09/14/97	900	15.94	8.29	85.9
2531	09/14/97	1000	16.06	8.33	86.5
2532	09/14/97	1100	16.21	8.40	87.5
2533	09/14/97	1200	16.23	8.44	88.0
2534	09/14/97	1300	16.26	8.42	87.8
2535	09/14/97	1400	16.26	8.41	87.7
2536	09/14/97	1500	16.41	8.38	87.4
2537	09/14/97	1600	16.50	8.33	87.4
2538	09/14/97	1700	16.53	8.33	87.3
2539	09/14/97	1800	16.43	8.28	86.7
2540	09/14/97	1900	16.28	8.25	86.1
2541	09/14/97	2000	15.25	8.27	86.2
2542	09/14/97	2100	16.16	8.26	85.9
2543	09/14/97	2200	16.11	8.31	86.4
2544	09/14/97	2300	16.08	8.33	86.6
2545	09/15/97	0	16.09	8.40	87.5
2546	09/15/97	100	16.21	8.40	87.5
2547	09/15/97	200	16.41	8.43	88.2
2548	09/15/97	300	16.47	8.42	88.2
2549	09/15/97	400	16.52	8.42	88.3
2550	09/15/97	500	16.57	8.42	88.4
2551	09/15/97	600	16.50	8.44	88.4
2552	09/15/97	700	16.43	8.46	88.5
2553	09/15/97	800	16.43	8.44	88.4
2554	09/15/97	900	16.45	8.44	88.4
2555	09/15/97	1000	16.45	8.42	88.1
2556	09/15/97	1100	16.43	8.44	88.4
2557	09/15/97	1200	16.38	8.41	87.9
2558	09/15/97	1300	16.38	8.40	87.7
2559	09/15/97	1400	16.35	8.40	87.7
2560	09/15/97	1500	16.38	8.45	88.3
2561	09/15/97	1600	16.38	8.45	88.3
2562	09/15/97	1700	16.41	8.44	88.3
2563	09/15/97	1800	16.43	8.44	88.3
2564	09/15/97	1900	16.43	8.43	88.3
2565	09/15/97	2000	16.33	8.42	87.9
2566	09/15/97	2100	16.23	8.36	87.1
2567	09/15/97	2200	16.15	8.37	87.1
2568	09/15/97	2300	16.04	8.36	86.8
2569	09/16/97	0	15.98	8.34	86.5
2570	09/16/97	100	15.96	8.39	87.0
2571	09/16/97	200	15.98	8.38	86.8
2572	09/16/97	300	16.04	8.43	87.5
2573	09/16/97	400	16.13	8.48	88.2
2574	09/16/97	500	16.15	8.47	88.1
2575	09/16/97	600	16.25	8.48	88.4
2576	09/16/97	700	16.30	8.50	88.7
2577	09/16/97	800	16.26	8.47	88.3
2578	09/16/97	900	16.20	8.41	87.6
2579	09/16/97	1000	16.13	8.35	86.8
2580	09/16/97	1100	16.01	8.26	85.7
2581	09/16/97	1200	15.98	8.26	85.6
2582	09/16/97	1300	15.94	8.20	84.9
2583	09/16/97	1400	15.88	8.17	84.5
2584	09/16/97	1500	15.88	8.21	85.0
2585	09/16/97	1600	15.83	8.20	84.8
2586	09/16/97	1700	15.88	8.23	85.1
2587	09/16/97	1800	15.89	8.23	85.2
2588	09/16/97	1900	15.88	8.20	84.8
2589	09/16/97	2000	15.91	8.22	85.1
2590	09/16/97	2100	15.91	8.19	84.8

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2591	09/16/97	2200	15.94	8.15	84.4
2592	09/16/97	2300	15.84	8.08	83.5
2593	09/17/97	0	15.71	8.01	82.5
2594	09/17/97	100	15.83	8.10	83.7
2595	09/17/97	200	15.84	8.12	83.9
2596	09/17/97	300	16.01	8.29	85.9
2597	09/17/97	400	16.20	8.40	87.5
2598	09/17/97	500	16.36	8.46	88.4
2599	09/17/97	600	16.57	8.53	89.5
2600	09/17/97	700	16.60	8.49	89.2
2601	09/17/97	800	16.48	8.43	88.3
2602	09/17/97	900	16.53	8.45	88.7
2603	09/17/97	1000	16.53	8.44	88.7
2604	09/17/97	1100	16.68	8.45	88.9
2605	09/17/97	1200	16.84	8.41	88.8
2606	09/17/97	1300	17.09	8.60	91.2
2607	09/17/97	1400	17.24	8.69	91.4
2608	09/17/97	1500	17.34	8.62	92.0
2609	09/17/97	1600	17.43	8.64	92.4
2610	09/17/97	1700	17.34	8.56	91.4
2611	09/17/97	1800	17.29	8.53	90.9
2612	09/17/97	1900	17.11	8.48	90.0
2613	09/17/97	2000	16.90	8.35	88.2
2614	09/17/97	2100	16.68	8.26	87.0
2615	09/17/97	2200	16.48	8.27	86.6
2616	09/17/97	2300	16.31	8.20	85.6
2617	09/18/97	0	16.30	8.24	86.0
2618	09/18/97	100	16.25	8.32	86.7
2619	09/18/97	200	16.23	8.33	86.9
2620	09/18/97	300	16.25	8.33	86.9
2621	09/18/97	400	16.28	8.33	86.8
2622	09/18/97	500	16.28	8.32	86.8
2623	09/18/97	600	16.31	8.34	87.0
2624	09/18/97	700	16.30	8.32	86.8
2625	09/18/97	800	16.33	8.32	86.9
2626	09/18/97	900	16.35	8.34	87.1
2627	09/18/97	1000	16.35	8.33	87.0
2628	09/18/97	1100	16.41	8.31	86.9
2629	09/18/97	1200	16.55	8.38	87.9
2630	09/18/97	1300	16.50	8.48	89.7
2631	09/18/97	1400	16.95	8.44	89.3
2632	09/18/97	1500	16.89	8.40	88.7
2633	09/18/97	1600	16.87	8.42	89.0
2634	09/18/97	1700	16.84	8.39	88.5
2635	09/18/97	1800	16.74	8.32	87.6
2636	09/18/97	1900	16.65	8.25	86.7
2637	09/18/97	2000	16.52	8.24	86.4
2638	09/18/97	2100	16.52	8.23	86.3
2639	09/18/97	2200	16.47	8.18	85.7
2640	09/18/97	2300	16.50	8.17	85.8
2641	09/19/97	0	16.55	8.17	85.6
2642	09/19/97	100	16.52	8.17	85.6
2643	09/19/97	200	16.38	7.77	81.3
2644	09/19/97	300	16.35	7.71	80.6
2645	09/19/97	400	16.32	7.75	80.9
2646	09/19/97	500	16.32	7.96	83.1
2647	09/19/97	600	16.31	7.99	83.4
2648	09/19/97	700	16.40	8.05	84.2
2649	09/19/97	800	16.52	8.11	85.0
2650	09/19/97	900	16.58	8.14	85.5
2651	09/19/97	1000	16.63	8.21	86.3
2652	09/19/97	1100	16.75	8.21	86.5
2653	09/19/97	1200	16.84	8.26	87.2
2654	09/19/97	1300	16.84	8.26	87.2
2655	09/19/97	1400	16.82	8.23	86.9
2656	09/19/97	1500	16.80	8.26	87.1
2657	09/19/97	1600	16.84	8.26	87.2
2658	09/19/97	1700	16.90	8.31	87.9
2659	09/19/97	1800	16.89	8.26	87.3
2660	09/19/97	1900	16.80	8.12	85.7
2661	09/19/97	2000	16.82	8.13	85.8
2662	09/19/97	2100	16.74	8.10	85.3
2663	09/19/97	2200	16.70	8.13	85.6
2664	09/19/97	2300	16.63	8.10	85.2

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2665	09/20/97	0	16.55	8.11	85.1
2666	09/20/97	100	16.55	8.09	84.8
2667	09/20/97	200	16.55	8.09	84.9
2668	09/20/97	300	16.55	8.15	85.5
2669	09/20/97	400	16.55	8.14	85.4
2670	09/20/97	500	16.60	8.16	85.7
2671	09/20/97	600	16.58	8.13	85.4
2672	09/20/97	700	16.63	8.15	85.7
2673	09/20/97	800	16.65	8.13	85.5
2674	09/20/97	900	16.63	8.16	85.8
2675	09/20/97	1000	16.60	8.16	85.7
2676	09/20/97	1100	16.62	8.11	85.2
2677	09/20/97	1200	16.72	8.19	86.2
2678	09/20/97	1300	16.80	8.26	87.1
2679	09/20/97	1400	16.89	8.28	87.5
2680	09/20/97	1500	17.01	8.37	88.6
2681	09/20/97	1600	17.02	8.41	89.1
2682	09/20/97	1700	17.01	8.39	88.9
2683	09/20/97	1800	16.95	8.38	88.7
2684	09/20/97	1900	16.90	8.32	88.0
2685	09/20/97	2000	16.80	8.28	87.4
2686	09/20/97	2100	16.71	8.24	86.8
2687	09/20/97	2200	16.60	8.14	85.5
2688	09/20/97	2300	16.41	8.04	84.2
2689	09/21/97	0	16.33	8.04	84.0
2690	09/21/97	100	16.23	8.03	83.7
2691	09/21/97	200	16.20	8.03	83.6
2692	09/21/97	300	16.16	7.98	83.0
2693	09/21/97	400	16.15	7.97	82.9
2694	09/21/97	500	16.08	7.95	82.6
2695	09/21/97	600	16.06	7.94	82.5
2696	09/21/97	700	16.04	7.94	82.5
2697	09/21/97	800	16.94	7.89	81.7
2698	09/21/97	900	16.01	7.84	81.3
2699	09/21/97	1000	16.01	7.89	81.8
2700	09/21/97	1100	15.99	7.87	81.6
2701	09/21/97	1200	15.98	7.87	81.6
2702	09/21/97	1300	16.08	7.95	82.5
2703	09/21/97	1400	16.08	7.94	82.5
2704	09/21/97	1500	16.09	7.91	82.2
2705	09/21/97	1600	16.02	7.87	81.8
2706	09/21/97	1700	16.06	7.86	81.6
2707	09/21/97	1800	16.03	7.79	80.8
2708	09/21/97	1900	15.83	7.66	79.2
2709	09/21/97	2000	15.68	7.54	77.7
2710	09/21/97	2100	15.62	7.54	77.6
2711	09/21/97	2200	15.47	7.53	77.3
2712	09/21/97	2300	15.47	7.57	77.6
2713	09/22/97	0	15.41	7.48	76.6
2714	09/22/97	100	15.41	7.48	76.6
2715	09/22/97	200	15.44	7.73	79.2
2716	09/22/97	300	15.51	7.77	79.8
2717	09/22/97	400	15.47	7.82	80.2
2718	09/22/97	500	15.51	7.88	80.9
2719	09/22/97	600	15.56	7.92	81.3
2720	09/22/97	700	15.52	7.89	81.0
2721	09/22/97	800	15.49	7.89	80.9
2722	09/22/97	900	15.52	8.00	82.1
2723	09/22/97	1000	15.57	8.03	82.5
2724	09/22/97	1100	15.78	7.91	81.5
2725	09/22/97	1200	15.89	7.97	82.5
2726	09/22/97	1300	15.89	7.93	82.0
2727	09/22/97	1400	15.94	7.97	82.6
2728	09/22/97	1500	15.93	7.88	81.6
2729	09/22/97	1600	15.73	7.83	80.7
2730	09/22/97	1700	15.68	7.79	80.2
2731	09/22/97	1800	15.56	7.93	81.5
2732	09/22/97	1900	15.36	7.72	78.9
2733	09/22/97	2000	15.24	7.61	77.7
2734	09/22/97	2100	15.22	7.58	77.3
2735	09/22/97	2200	15.21	7.57	77.2
2736	09/22/97	2300	15.07	7.44	75.6
2737	09/23/97	0	15.07	7.45	75.7
2738	09/23/97	100	15.02	7.56	76.7



BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2739	09/23/97	200	14.97	7.76	78.8
2740	09/23/97	300	14.99	7.83	79.5
2741	09/23/97	400	15.01	7.88	80.0
2742	09/23/97	500	14.97	7.97	78.9
2743	09/23/97	600	14.97	7.73	78.4
2744	09/23/97	700	14.94	7.72	78.3
2745	09/23/97	800	14.91	7.74	78.4
2746	09/23/97	900	14.92	7.85	79.5
2747	09/23/97	1000	14.94	7.84	79.5
2748	09/23/97	1100	14.91	7.85	79.6
2749	09/23/97	1200	14.96	7.92	80.4
2750	09/23/97	1300	14.96	7.96	80.7
2751	09/23/97	1400	15.06	7.97	81.0
2752	09/23/97	1500	15.21	8.07	82.2
2753	09/23/97	1600	15.34	8.13	83.1
2754	09/23/97	1700	15.36	8.12	83.1
2755	09/23/97	1800	15.36	8.10	82.8
2756	09/23/97	1900	15.27	8.06	82.3
2757	09/23/97	2000	15.14	8.03	81.8
2758	09/23/97	2100	14.97	7.92	80.4
2759	09/23/97	2200	14.84	7.89	79.6
2760	09/23/97	2300	14.81	7.88	79.6
2761	09/24/97	0	14.74	7.80	78.7
2762	09/24/97	100	14.69	7.79	78.5
2763	09/24/97	200	14.61	7.78	78.3
2764	09/24/97	300	14.51	7.82	78.7
2765	09/24/97	400	14.57	7.86	79.1
2766	09/24/97	500	14.56	7.91	79.5
2767	09/24/97	600	14.52	7.98	80.1
2768	09/24/97	700	14.51	8.05	80.9
2769	09/24/97	800	14.52	8.09	81.2
2770	09/24/97	900	14.61	8.16	82.2
2771	09/24/97	1000	14.72	8.21	82.8
2772	09/24/97	1100	14.87	8.28	83.8
2773	09/24/97	1200	15.06	8.30	84.3
2774	09/24/97	1300	15.19	8.32	84.8
2775	09/24/97	1400	15.26	8.33	85.0
2776	09/24/97	1500	15.37	8.32	85.2
2777	09/24/97	1600	15.34	8.41	86.0
2778	09/24/97	1700	15.34	8.33	85.2
2779	09/24/97	1800	15.16	8.21	83.6
2780	09/24/97	1900	15.08	8.19	83.3
2781	09/24/97	2000	14.86	8.17	82.7
2782	09/24/97	2100	14.84	8.13	82.2
2783	09/24/97	2200	14.84	8.03	81.2
2784	09/24/97	2300	14.92	8.02	81.2
2785	09/25/97	0	14.94	8.04	81.5
2786	09/25/97	100	14.89	8.04	81.6
2787	09/25/97	200	14.79	7.94	80.3
2788	09/25/97	300	14.74	8.01	80.8
2789	09/25/97	400	14.66	8.04	81.0
2790	09/25/97	500	14.67	8.09	81.3
2791	09/25/97	600	14.52	8.09	81.3
2792	09/25/97	700	14.47	8.08	81.0
2793	09/25/97	800	14.49	8.13	81.6
2794	09/25/97	900	14.49	8.12	81.5
2795	09/25/97	1000	14.52	8.08	81.2
2796	09/25/97	1100	14.54	8.11	81.6
2797	09/25/97	1200	14.49	8.07	81.0
2798	09/25/97	1300	14.62	8.17	82.3
2799	09/25/97	1400	14.86	8.27	83.8
2800	09/25/97	1500	14.94	8.27	83.8
2801	09/25/97	1600	15.09	8.34	84.4
2802	09/25/97	1700	15.04	8.30	84.4
2803	09/25/97	1800	14.98	8.37	83.8
2804	09/25/97	1900	14.95	8.34	83.6
2805	09/25/97	2000	14.95	8.33	83.5
2806	09/25/97	2100	14.82	8.28	82.8
2807	09/25/97	2200	14.73	8.18	81.6
2808	09/25/97	2300	14.67	8.18	81.5
2809	09/26/97	0	14.53	8.13	80.7
2810	09/26/97	100	14.42	8.06	79.8
2811	09/26/97	200	14.28	7.99	78.9
2812	09/26/97	300	14.27	7.96	78.6

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2813	09/26/97	400	14.18	7.95	78.3
2814	09/26/97	500	14.20	8.00	78.8
2815	09/26/97	600	14.28	8.04	79.4
2816	09/26/97	700	14.27	8.05	79.4
2817	09/26/97	800	14.28	8.13	80.3
2818	09/26/97	900	14.30	8.14	80.4
2819	09/26/97	1000	14.32	8.18	80.8
2820	09/26/97	1100	14.38	8.21	81.3
2821	09/26/97	1200	14.43	8.32	82.4
2822	09/26/97	1300	14.62	8.35	83.0
2823	09/26/97	1400	14.68	8.32	82.8
2824	09/26/97	1500	14.70	8.40	83.7
2825	09/26/97	1600	14.67	8.33	83.0
2826	09/26/97	1700	14.55	8.34	82.9
2827	09/26/97	1800	14.47	8.33	82.6
2828	09/26/97	1900	14.42	8.25	81.7
2829	09/26/97	2000	14.28	8.23	81.3
2830	09/26/97	2100	14.20	8.23	81.1
2831	09/26/97	2200	14.13	8.27	81.8
2832	09/26/97	2300	14.08	8.29	81.5
2833	09/27/97	0	14.07	8.24	80.9
2834	09/27/97	100	14.05	8.24	81.0
2835	09/27/97	200	14.05	8.25	81.0
2836	09/27/97	300	14.07	8.28	81.4
2837	09/27/97	400	14.07	8.24	81.0
2838	09/27/97	500	14.08	8.30	81.6
2839	09/27/97	600	14.05	8.33	81.8
2840	09/27/97	700	14.05	8.33	81.8
2841	09/27/97	800	14.03	8.32	81.8
2842	09/27/97	900	14.08	8.32	81.8
2843	09/27/97	1000	14.08	8.35	82.1
2844	09/27/97	1100	14.08	8.32	81.8
2845	09/27/97	1200	14.10	8.31	81.8
2846	09/27/97	1300	14.10	8.27	81.3
2847	09/27/97	1400	14.07	8.20	80.6
2848	09/27/97	1500	14.05	8.21	80.6
2849	09/27/97	1600	14.03	8.28	81.3
2850	09/27/97	1700	14.00	8.25	81.0
2851	09/27/97	1800	13.97	8.23	80.7
2852	09/27/97	1900	13.97	8.23	80.7
2853	09/27/97	2000	13.90	8.27	81.0
2854	09/27/97	2100	13.85	8.27	80.9
2855	09/27/97	2200	13.85	8.37	81.9
2856	09/27/97	2300	13.92	8.41	82.4
2857	09/28/97	0	13.93	8.44	82.7
2858	09/28/97	100	13.95	8.39	82.2
2859	09/28/97	200	13.95	8.38	82.1
2860	09/28/97	300	13.97	8.37	82.1
2861	09/28/97	400	13.98	8.36	82.0
2862	09/28/97	500	14.02	8.34	81.8
2863	09/28/97	600	14.05	8.37	82.2
2864	09/28/97	700	14.07	8.33	81.9
2865	09/28/97	800	14.12	8.34	82.1
2866	09/28/97	900	14.18	8.38	82.6
2867	09/28/97	1000	14.28	8.34	82.4
2868	09/28/97	1100	14.42	8.42	83.4
2869	09/28/97	1200	14.58	8.53	84.8
2870	09/28/97	1300	14.77	8.56	85.4
2871	09/28/97	1400	14.93	8.60	86.2
2872	09/28/97	1500	15.02	8.61	86.4
2873	09/28/97	1600	15.00	8.63	86.5
2874	09/28/97	1700	14.90	8.53	85.3
2875	09/28/97	1800	14.78	8.53	85.1
2876	09/28/97	1900	14.68	8.39	83.6
2877	09/28/97	2000	14.55	8.38	83.0
2878	09/28/97	2100	14.47	8.33	82.6
2879	09/28/97	2200	14.40	8.30	82.1
2880	09/28/97	2300	14.32	8.26	81.7
2881	09/29/97	0	14.28	8.31	82.0
2882	09/29/97	100	14.27	8.39	82.8
2883	09/29/97	200	14.32	8.41	83.1
2884	09/29/97	300	14.33	8.42	83.3
2885	09/29/97	400	14.32	8.37	82.8
2886	09/29/97	500	14.30	8.36	82.6

BRULE 1997 TAILRACE DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2887	09/29/97	600	14.27	8.33	82.3
2888	09/29/97	700	14.25	8.33	82.2
2889	09/29/97	800	14.28	8.40	83.0
2890	09/29/97	900	14.30	8.39	82.9
2891	09/29/97	1000	14.37	8.46	83.7
2892	09/29/97	1100	14.57	8.56	85.2
2893	09/29/97	1200	14.76	8.58	85.7
2894	09/29/97	1300	14.80	8.61	86.0
2895	09/29/97	1400	14.78	8.59	85.8
2896	09/29/97	1500	14.75	8.57	85.6
2897	09/29/97	1600	14.73	8.58	85.5
2898	09/29/97	1700	14.72	8.58	85.5
2899	09/29/97	1800	14.68	8.56	85.2
2900	09/29/97	1900	14.67	8.52	84.8
2901	09/29/97	2000	14.63	8.55	85.1
2902	09/29/97	2100	14.62	8.55	85.1
2903	09/29/97	2200	14.58	8.53	84.8
2904	09/29/97	2300	14.57	8.53	84.9
2905	09/30/97	0	14.55	8.55	85.0
2906	09/30/97	100	14.53	8.56	85.0
2907	09/30/97	200	14.53	8.54	84.8
2908	09/30/97	300	14.50	8.55	84.9
2909	09/30/97	400	14.50	8.56	85.0
2910	09/30/97	500	14.47	8.56	84.9
2911	09/30/97	600	14.45	8.57	84.9
2912	09/30/97	700	14.42	8.51	84.3
2913	09/30/97	800	14.40	8.54	84.8
2914	09/30/97	900	14.38	8.54	84.5
2915	09/30/97	1000	14.37	8.55	84.5
2916	09/30/97	1100	14.37	8.55	84.5
2917	09/30/97	1200	14.37	8.57	84.8
2918	09/30/97	1300	14.33	8.45	83.5
2919	09/30/97	1400	14.33	8.62	84.3
2920	09/30/97	1500	14.30	8.51	84.1
2921	09/30/97	1600	14.30	8.63	84.3
2922	09/30/97	1700	14.27	8.50	83.9
2923	09/30/97	1800	14.25	8.51	84.0
2924	09/30/97	1900	14.22	8.43	83.2
2925	09/30/97	2000	14.13	8.36	82.3
2926	09/30/97	2100	14.10	8.39	82.5
2927	09/30/97	2200	14.03	8.36	82.2
2928	09/30/97	2300	13.98	8.34	81.9

BRULE 1997 GAUGING STATION DATA

DISSOLVED OXYGEN  
% SATURATION

DISSOLVED OXYGEN  
(PPM)

TEMPERATURE  
(DEGREES C.)

DATE

DATE

DATE

OBS	DATE	DATE	DATE	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1	06/01/97	0	15.24	8.65	89.3	
2	06/01/97	100	15.72	8.70	88.3	
3	06/01/97	200	15.29	8.73	88.3	
4	06/01/97	300	14.50	8.77	88.0	
5	06/01/97	400	14.54	8.81	87.8	
6	06/01/97	500	14.22	8.87	87.7	
7	06/01/97	600	13.92	9.02	88.6	
8	06/01/97	700	13.75	9.26	90.7	
9	06/01/97	800	13.90	9.51	93.4	
10	06/01/97	900	14.35	9.73	96.5	
11	06/01/97	1000	15.05	9.91	99.8	
12	06/01/97	1100	15.20	10.06	102.1	
13	06/01/97	1200	16.26	10.14	106.1	
14	06/01/97	1300	17.84	10.18	108.7	
15	06/01/97	1400	18.82	10.14	110.5	
16	06/01/97	1500	19.64	10.12	112.1	
17	06/01/97	1600	20.25	10.02	112.3	
18	06/01/97	1700	20.57	9.81	110.6	
19	06/01/97	1800	20.64	9.54	107.8	
20	06/01/97	1900	20.37	9.21	103.8	
21	06/01/97	2000	19.90	8.82	98.2	
22	06/01/97	2100	19.45	8.56	94.5	
23	06/01/97	2200	19.01	8.40	91.8	
24	06/01/97	2300	18.54	8.30	90.1	
25	06/02/97	0	18.05	8.30	89.0	
26	06/02/97	100	17.50	8.31	88.2	
27	06/02/97	200	16.94	8.39	87.9	
28	06/02/97	300	16.47	8.43	87.5	
29	06/02/97	400	16.05	8.50	87.4	
30	06/02/97	500	15.66	8.55	87.3	
31	06/02/97	600	15.30	8.59	87.3	
32	06/02/97	700	15.13	8.56	87.0	
33	06/02/97	800	15.19	8.56	87.0	
34	06/02/97	900	15.58	8.51	86.8	
35	06/02/97	1000	16.13	8.73	88.2	
36	06/02/97	1100	16.86	8.90	90.6	
37	06/02/97	1200	17.57	9.01	92.5	
38	06/02/97	1300	18.55	10.01	105.5	
39	06/02/97	1400	19.45	10.05	105.0	
40	06/02/97	1500	20.13	10.03	104.7	
41	06/02/97	1600	20.51	9.95	111.3	
42	06/02/97	1700	20.67	9.84	110.9	
43	06/02/97	1800	20.65	9.67	109.3	
44	06/02/97	1900	20.43	9.49	107.2	
45	06/02/97	2000	20.01	9.24	103.9	
46	06/02/97	2100	19.63	8.83	98.5	
47	06/02/97	2200	19.23	8.65	94.8	
48	06/02/97	2300	18.83	8.37	91.9	
49	06/03/97	0	18.39	8.29	90.4	
50	06/03/97	100	17.94	8.26	89.2	
51	06/03/97	200	17.48	8.24	88.2	
52	06/03/97	300	17.01	8.28	87.7	
53	06/03/97	400	16.54	8.33	87.4	
54	06/03/97	500	16.12	8.40	87.3	
55	06/03/97	600	15.77	8.48	87.3	
56	06/03/97	700	15.63	8.54	88.3	
57	06/03/97	800	15.78	8.54	88.3	
58	06/03/97	900	16.00	8.54	91.2	
59	06/03/97	1000	16.57	9.48	97.4	
60	06/03/97	1100	16.86	9.71	97.4	
61	06/03/97	1200	17.52	9.82	100.9	
62	06/03/97	1300	18.58	10.01	102.8	
63	06/03/97	1400	19.57	10.07	106.2	
64	06/03/97	1500	20.01	10.05	109.2	
65	06/03/97	1600	20.13	9.95	111.2	
66	06/03/97	1700	20.20	9.81	111.1	
67	06/03/97	1800	20.16	9.66	109.7	
68	06/03/97	1900	19.98	9.43	108.2	
69	06/03/97	2000	19.49	9.28	105.5	
70	06/03/97	2100	18.99	8.81	103.5	
71	06/03/97	2200	18.44	8.65	98.4	
72	06/03/97	2300	17.91	8.57	94.5	
73	06/04/97	0	17.38	8.48	92.2	
74	06/04/97	100	16.91	8.48	90.5	
75	06/04/97	200	16.52	8.55	89.8	
76	06/04/97	300	15.18	8.58	88.8	

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BRULE  
COMMISSION

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
77	06/04/97	400	15.87	8.61	88.3
78	06/04/97	500	15.56	8.65	88.1
79	06/04/97	600	15.30	8.76	88.7
80	06/04/97	700	15.15	8.97	90.6
81	06/04/97	800	15.14	9.24	93.2
82	06/04/97	900	15.19	9.45	95.5
83	06/04/97	1000	15.55	9.75	99.3
84	06/04/97	1100	16.27	9.92	102.5
85	06/04/97	1200	16.81	10.05	105.0
86	06/04/97	1300	17.62	10.14	107.8
87	06/04/97	1400	18.56	10.09	109.3
88	06/04/97	1500	19.49	10.90	110.5
89	06/04/97	1600	19.64	9.72	107.6
90	06/04/97	1700	19.04	9.39	102.8
91	06/04/97	1800	18.99	9.24	101.0
92	06/04/97	1900	18.88	8.66	96.7
93	06/04/97	2000	18.61	8.66	93.9
94	06/04/97	2100	18.35	8.53	92.1
95	06/04/97	2200	18.10	8.41	90.2
96	06/04/97	2300	17.81	8.40	89.6
97	06/05/97	0	17.52	8.40	89.1
98	06/05/97	100	17.21	8.42	88.7
99	06/05/97	200	16.88	8.45	88.4
100	06/05/97	300	16.59	8.47	88.1
101	06/05/97	400	16.35	8.47	87.9
102	06/05/97	500	16.15	8.50	87.9
103	06/05/97	600	15.93	8.54	88.0
104	06/05/97	700	15.80	8.63	89.5
105	06/05/97	800	15.73	8.76	89.6
106	06/05/97	900	15.70	8.91	91.1
107	06/05/97	1000	15.80	9.06	92.5
108	06/05/97	1100	15.85	9.29	95.1
109	06/05/97	1200	16.08	9.40	96.3
110	06/05/97	1300	16.23	9.67	100.2
111	06/05/97	1400	16.21	9.76	101.4
112	06/05/97	1500	16.55	9.75	101.3
113	06/05/97	1600	16.60	9.90	103.7
114	06/05/97	1700	16.30	9.73	101.8
115	06/05/97	1800	16.21	9.55	99.4
116	06/05/97	1900	16.15	9.40	97.7
117	06/05/97	2000	16.06	9.29	96.4
118	06/05/97	2100	15.86	9.14	94.7
119	06/05/97	2200	15.68	9.01	93.0
120	06/05/97	2300	15.51	8.88	91.9
121	06/06/97	0	15.36	8.88	90.9
122	06/06/97	100	15.19	8.85	90.3
123	06/06/97	200	14.99	8.85	89.5
124	06/06/97	300	14.81	8.84	89.5
125	06/06/97	400	14.64	8.86	89.4
126	06/06/97	500	14.48	8.86	89.1
127	06/06/97	600	14.31	8.90	89.2
128	06/06/97	700	14.21	8.94	89.2
129	06/06/97	800	14.28	8.10	80.6
130	06/06/97	900	14.41	9.32	92.9
131	06/06/97	1000	14.54	9.52	95.2
132	06/06/97	1100	14.51	9.60	95.3
133	06/06/97	1200	14.71	9.58	95.0
134	06/06/97	1300	15.52	9.74	98.0
135	06/06/97	1400	16.48	9.96	102.0
136	06/06/97	1500	16.90	10.06	105.1
137	06/06/97	1600	17.11	10.03	105.8
138	06/06/97	1700	17.16	9.84	105.2
139	06/06/97	1800	17.38	8.87	104.6
140	06/06/97	1900	17.06	9.81	104.5
141	06/06/97	2000	16.74	9.51	100.6
142	06/06/97	2100	16.55	9.32	97.9
143	06/06/97	2200	16.36	9.12	95.5
144	06/06/97	2300	16.23	8.89	93.7
145	06/07/97	0	16.04	8.92	92.8
146	06/07/97	100	15.78	8.87	91.8
147	06/07/97	200	15.51	8.85	91.1
148	06/07/97	300	15.31	8.83	90.4
149	06/07/97	400	15.08	8.82	89.9
150	06/07/97	500	14.96	8.85	89.7
151	06/07/97	600	14.83	8.85	89.5
152	06/07/97	700	14.69	8.87	89.5

DISSOLVED OXYGEN  
& SATURATION

TEMPERATURE  
(DEGREES C.)

DISSOLVED OXYGEN  
(PPM)

DISSOLVED OXYGEN  
& SATURATION

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN & SATURATION
153	06/07/97	800	14.61	9.01	90.4
154	06/07/97	900	14.56	9.11	91.4
155	06/07/97	1000	14.54	9.25	92.7
156	06/07/97	1100	14.71	9.42	94.7
157	06/07/97	1200	14.81	9.49	95.7
158	06/07/97	1300	15.07	9.69	98.2
159	06/07/97	1400	15.78	9.81	101.0
160	06/07/97	1500	16.16	9.74	101.1
161	06/07/97	1600	16.79	9.75	102.6
162	06/07/97	1700	17.02	9.74	102.9
163	06/07/97	1800	17.14	9.66	102.3
164	06/07/97	1900	17.01	9.48	100.2
165	06/07/97	2000	16.77	9.32	98.0
166	06/07/97	2100	16.58	9.14	95.7
167	06/07/97	2200	16.28	8.95	93.1
168	06/07/97	2300	15.56	8.88	91.8
169	06/08/97	0	15.56	8.87	90.8
170	06/08/97	100	15.19	8.86	90.1
171	06/08/97	200	14.81	8.89	89.6
172	06/08/97	300	14.62	8.91	89.3
173	06/08/97	400	14.21	8.93	88.9
174	06/08/97	500	13.90	8.90	88.0
175	06/08/97	600	13.63	8.06	89.0
176	06/08/97	700	13.46	8.20	90.0
177	06/08/97	800	13.51	8.39	92.1
178	06/08/97	900	13.83	8.57	94.5
179	06/08/97	1000	14.36	9.73	97.2
180	06/08/97	1100	15.07	9.83	99.7
181	06/08/97	1200	15.91	9.94	102.6
182	06/08/97	1300	16.82	9.97	104.8
183	06/08/97	1400	17.74	9.93	106.6
184	06/08/97	1500	18.50	9.91	108.0
185	06/08/97	1600	19.09	9.78	107.9
186	06/08/97	1700	19.47	9.66	107.3
187	06/08/97	1800	19.56	9.46	105.3
188	06/08/97	1900	19.37	9.21	102.1
189	06/08/97	2000	19.07	8.91	98.2
190	06/08/97	2100	18.76	8.73	95.7
191	06/08/97	2200	18.42	8.58	93.3
192	06/08/97	2300	18.05	8.48	91.6
193	06/09/97	0	17.88	8.43	90.3
194	06/09/97	100	17.29	8.42	89.5
195	06/09/97	200	16.89	8.42	88.7
196	06/09/97	300	16.62	8.43	88.2
197	06/09/97	400	16.15	8.47	87.9
198	06/09/97	500	15.81	8.50	87.6
199	06/09/97	600	15.49	8.61	88.1
200	06/09/97	700	15.32	8.79	89.6
201	06/09/97	800	15.41	8.00	92.0
202	06/09/97	900	15.79	9.18	94.5
203	06/09/97	1000	16.36	9.37	97.7
204	06/09/97	1100	17.04	9.50	100.4
205	06/09/97	1200	17.87	9.58	103.0
206	06/09/97	1300	18.81	9.63	105.6
207	06/09/97	1400	19.76	9.62	107.5
208	06/09/97	1500	19.97	9.42	105.8
209	06/09/97	1600	20.92	9.43	107.9
210	06/09/97	1700	21.22	9.24	106.3
211	06/09/97	1800	21.22	9.04	104.0
212	06/09/97	1900	21.00	8.81	100.9
213	06/09/97	2000	20.78	8.50	97.0
214	06/09/97	2100	20.55	8.28	94.0
215	06/09/97	2200	20.11	8.14	91.6
216	06/09/97	2300	19.75	8.09	90.4
217	06/10/97	0	19.42	8.05	89.3
218	06/10/97	100	19.07	8.03	88.5
219	06/10/97	200	18.73	8.03	87.9
220	06/10/97	300	18.33	8.06	87.5
221	06/10/97	400	17.91	8.11	87.3
222	06/10/97	500	17.51	8.17	87.3
223	06/10/97	600	17.19	8.27	87.8
224	06/10/97	700	17.06	8.48	89.6
225	06/10/97	800	17.18	8.67	91.9
226	06/10/97	900	17.51	8.87	94.8
227	06/10/97	1000	18.04	9.06	97.8
228	06/10/97	1100	18.74	9.17	100.4

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
229	06/10/97	1200	19.35	9.24	102.4
230	06/10/97	1300	20.27	9.32	105.2
231	06/10/97	1400	21.04	9.16	105.0
232	06/10/97	1500	21.53	9.21	106.5
233	06/10/97	1600	22.16	9.11	106.7
234	06/10/97	1700	22.10	8.72	102.1
235	06/10/97	1800	21.69	8.55	99.3
236	06/10/97	1900	21.59	8.35	96.7
237	06/10/97	2000	21.50	8.11	93.7
238	06/10/97	2100	21.13	7.91	90.8
239	06/10/97	2200	20.81	7.79	88.9
240	06/10/97	2300	20.37	7.75	87.7
241	06/11/97	0	19.97	7.72	86.6
242	06/11/97	100	19.54	7.75	86.2
243	06/11/97	200	19.19	7.76	85.7
244	06/11/97	300	18.99	7.71	84.8
245	06/11/97	400	18.73	7.74	84.7
246	06/11/97	500	18.40	7.76	84.4
247	06/11/97	600	18.06	7.94	85.8
248	06/11/97	700	17.84	8.12	87.3
249	06/11/97	800	17.60	8.15	87.2
250	06/11/97	900	17.41	8.23	87.7
251	06/11/97	1000	17.38	8.41	89.5
252	06/11/97	1100	17.58	8.62	92.2
253	06/11/97	1200	18.11	8.88	96.0
254	06/11/97	1300	19.26	9.01	99.7
255	06/11/97	1400	20.09	9.18	103.3
256	06/11/97	1500	20.67	9.04	102.7
257	06/11/97	1600	20.65	8.85	100.7
258	06/11/97	1700	20.72	8.81	100.3
259	06/11/97	1800	20.64	8.49	96.6
260	06/11/97	1900	20.39	8.22	93.0
261	06/11/97	2000	19.97	8.03	90.1
262	06/11/97	2100	19.59	7.98	88.9
263	06/11/97	2200	19.23	7.80	87.3
264	06/11/97	2300	18.74	7.83	86.4
265	06/12/97	0	18.09	7.85	85.9
266	06/12/97	100	17.63	7.94	85.0
267	06/12/97	200	17.29	8.01	85.2
268	06/12/97	300	16.95	8.03	84.7
269	06/12/97	400	16.62	8.10	84.9
270	06/12/97	500	16.30	8.13	84.6
271	06/12/97	600	16.03	8.21	85.0
272	06/12/97	700	15.85	8.37	86.3
273	06/12/97	800	15.85	8.55	88.3
274	06/12/97	900	16.13	8.74	90.7
275	06/12/97	1000	16.63	8.85	92.8
276	06/12/97	1100	17.14	8.98	95.2
277	06/12/97	1200	17.96	9.10	98.1
278	06/12/97	1300	18.83	9.18	100.7
279	06/12/97	1400	19.61	9.07	101.0
280	06/12/97	1500	19.78	8.72	97.6
281	06/12/97	1600	19.71	8.92	98.6
282	06/12/97	1700	20.32	8.79	98.6
283	06/12/97	1800	20.91	8.66	98.3
284	06/12/97	1900	20.36	8.35	94.4
285	06/12/97	2000	20.09	8.05	90.5
286	06/12/97	2100	19.80	7.87	88.0
287	06/12/97	2200	19.54	7.78	86.7
288	06/12/97	2300	19.21	7.81	86.3
289	06/13/97	0	18.90	7.79	85.5
290	06/13/97	100	18.61	7.81	85.5
291	06/13/97	200	18.30	7.81	84.8
292	06/13/97	300	17.96	7.80	84.1
293	06/13/97	400	17.62	7.87	84.2
294	06/13/97	500	17.29	7.91	84.1
295	06/13/97	600	16.97	8.00	84.5
296	06/13/97	700	16.77	8.21	85.3
297	06/13/97	800	16.75	8.40	88.2
298	06/13/97	900	16.99	8.57	90.5
299	06/13/97	1000	17.40	8.70	92.7
300	06/13/97	1100	17.91	8.85	96.3
301	06/13/97	1200	18.56	8.85	96.5
302	06/13/97	1300	19.21	8.84	97.7
303	06/13/97	1400	19.82	8.82	98.5
304	06/13/97	1500	20.34	8.94	101.1

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
305	06/13/97	1600	20.37	8.85	100.1
306	06/13/97	1700	20.58	8.77	99.6
307	06/13/97	1800	20.79	8.61	98.2
308	06/13/97	1900	20.39	8.35	94.5
309	06/13/97	2000	19.82	8.10	90.6
310	06/13/97	2100	19.33	7.90	87.5
311	06/13/97	2200	18.78	7.92	86.8
312	06/13/97	2300	18.37	7.89	85.7
313	06/14/97	0	17.94	7.93	85.4
314	06/14/97	100	17.40	7.92	84.4
315	06/14/97	200	16.87	8.05	84.8
316	06/14/97	300	16.41	8.15	85.0
317	06/14/97	400	15.95	8.25	85.3
318	06/14/97	500	15.47	8.32	85.1
319	06/14/97	600	15.07	8.45	85.7
320	06/14/97	700	14.84	8.65	87.3
321	06/14/97	800	14.87	8.86	89.4
322	06/14/97	900	15.24	9.05	92.1
323	06/14/97	1000	15.81	9.09	93.6
324	06/14/97	1100	16.50	9.26	96.8
325	06/14/97	1200	17.31	9.31	99.0
326	06/14/97	1300	18.04	9.31	99.0
327	06/14/97	1400	18.07	9.29	100.6
328	06/14/97	1500	19.07	9.21	102.3
329	06/14/97	1600	20.34	9.08	103.0
330	06/14/97	1700	20.62	8.87	102.7
331	06/14/97	1800	20.62	8.79	100.9
332	06/14/97	1900	20.36	8.58	100.0
333	06/14/97	2000	19.97	8.26	97.0
334	06/14/97	2100	19.54	8.12	92.7
335	06/14/97	2200	19.07	8.03	90.3
336	06/14/97	2300	18.66	8.01	88.5
337	06/15/97	0	18.25	8.03	87.1
338	06/15/97	100	17.82	8.04	86.4
339	06/15/97	200	17.40	8.08	86.0
340	06/15/97	300	16.99	8.17	86.2
341	06/15/97	400	16.58	8.25	86.7
342	06/15/97	500	16.18	8.35	86.7
343	06/15/97	600	15.83	8.37	86.2
344	06/15/97	700	15.53	8.56	88.0
345	06/15/97	800	15.71	8.75	90.0
346	06/15/97	900	15.76	8.82	90.8
347	06/15/97	1000	15.66	8.82	89.5
348	06/15/97	1100	15.61	8.82	90.4
349	06/15/97	1200	15.75	9.06	93.2
350	06/15/97	1300	16.13	9.24	95.9
351	06/15/97	1400	16.68	9.21	96.7
352	06/15/97	1500	16.55	8.97	93.9
353	06/15/97	1600	16.36	8.51	92.9
354	06/15/97	1700	16.21	8.65	89.9
355	06/15/97	1800	15.91	8.56	88.3
356	06/15/97	1900	15.74	8.47	87.2
357	06/15/97	2000	15.52	8.48	86.7
358	06/15/97	2100	15.57	8.36	85.7
359	06/15/97	2200	15.44	8.22	85.0
360	06/15/97	2300	15.25	8.29	84.4
361	06/16/97	0	15.11	8.29	84.1
362	06/16/97	100	14.94	8.28	83.8
363	06/16/97	200	14.77	8.33	83.9
364	06/16/97	300	14.59	8.38	84.1
365	06/16/97	400	14.44	8.40	84.0
366	06/16/97	500	14.24	8.43	83.9
367	06/16/97	600	14.08	8.47	84.1
368	06/16/97	700	14.01	8.60	85.3
369	06/16/97	800	14.10	8.74	86.8
370	06/16/97	900	14.34	8.83	86.8
371	06/16/97	1000	14.66	8.97	90.1
372	06/16/97	1100	14.76	8.78	88.4
373	06/16/97	1200	14.69	8.87	89.3
374	06/16/97	1300	14.61	9.00	91.0
375	06/16/97	1400	14.59	8.99	91.0
376	06/16/97	1500	15.21	9.09	92.4
377	06/16/97	1600	15.62	9.28	95.3
378	06/16/97	1700	15.76	9.27	95.4
379	06/16/97	1800	16.03	9.21	95.4
380	06/16/97	1900	15.93	8.97	92.7



BRULE 1997 GAUGING STATION DATA

OBS	DATE	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
381	06/16/97	15.62	8.68	89.1
382	06/16/97	15.29	8.62	87.8
383	06/16/97	15.01	8.61	87.2
384	06/16/97	14.77	8.60	86.7
385	06/17/97	14.49	8.63	85.8
386	06/17/97	14.14	8.70	85.7
387	06/17/97	13.78	8.74	85.5
388	06/17/97	13.43	8.84	85.8
389	06/17/97	13.08	8.92	85.9
390	06/17/97	12.75	9.02	86.4
391	06/17/97	12.47	9.14	87.3
392	06/17/97	12.34	9.31	89.1
393	06/17/97	12.42	9.50	91.6
394	06/17/97	12.77	9.55	92.9
395	06/17/97	13.15	9.70	95.5
396	06/17/97	13.71	9.81	98.4
397	06/17/97	14.59	9.81	100.4
398	06/17/97	15.47	9.46	98.4
399	06/17/97	16.25	9.71	102.6
400	06/17/97	16.99	9.28	97.9
401	06/17/97	17.09	9.05	95.5
402	06/17/97	16.95	8.81	92.8
403	06/17/97	16.87	8.81	91.2
404	06/17/97	16.72	8.69	89.4
405	06/17/97	16.68	8.52	87.6
406	06/17/97	16.55	8.37	86.7
407	06/17/97	16.41	8.31	86.9
408	06/17/97	16.11	8.28	84.9
409	06/18/97	15.88	8.23	84.8
410	06/18/97	15.66	8.26	84.9
411	06/18/97	15.47	8.30	84.2
412	06/18/97	15.29	8.26	84.3
413	06/18/97	15.12	8.31	84.1
414	06/18/97	14.92	8.32	84.4
415	06/18/97	14.74	8.39	84.9
416	06/18/97	14.62	8.45	85.6
417	06/18/97	14.46	8.53	86.7
418	06/18/97	14.33	8.69	88.4
419	06/18/97	14.23	8.88	89.8
420	06/18/97	14.27	9.01	93.6
421	06/18/97	14.38	9.37	96.2
422	06/18/97	14.69	9.57	99.5
423	06/18/97	15.17	9.79	99.7
424	06/18/97	15.91	9.66	100.3
425	06/18/97	16.18	9.66	102.6
426	06/18/97	16.41	9.83	94.3
427	06/18/97	16.48	9.03	90.2
428	06/18/97	16.35	8.66	88.4
429	06/18/97	16.26	8.55	86.8
430	06/18/97	16.21	8.55	85.4
431	06/18/97	16.09	8.24	84.8
432	06/18/97	15.88	8.22	83.8
433	06/19/97	15.61	8.24	83.7
434	06/19/97	15.27	8.30	83.6
435	06/19/97	14.97	8.32	83.6
436	06/19/97	14.73	8.35	83.6
437	06/19/97	14.56	8.35	83.6
438	06/19/97	14.42	8.45	83.8
439	06/19/97	14.29	8.61	88.3
440	06/19/97	14.24	8.97	89.6
441	06/19/97	14.24	9.58	95.7
442	06/19/97	14.28	9.46	95.2
443	06/19/97	14.39	9.46	95.2
444	06/19/97	14.71	9.82	95.3
445	06/19/97	15.07	9.82	94.1
446	06/19/97	15.29	9.36	88.3
447	06/19/97	15.32	9.23	87.2
448	06/19/97	15.31	9.51	87.9
449	06/19/97	15.30	9.50	88.2
450	06/19/97	15.42	9.54	88.0
451	06/19/97	15.55	9.51	86.4
452	06/19/97	15.62	9.37	82.0
453	06/19/97	15.57	9.23	81.6
454	06/19/97	15.38	9.23	81.1
455	06/19/97	15.18	9.12	80.0
456	06/19/97	15.00	9.07	78.2

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
457	06/20/97	0	14.88	9.05	91.7
458	06/20/97	100	14.77	9.04	91.4
459	06/20/97	200	14.68	9.03	91.2
460	06/20/97	300	14.55	9.02	90.8
461	06/20/97	400	14.38	9.00	90.3
462	06/20/97	500	14.25	9.03	90.3
463	06/20/97	600	14.15	9.07	90.5
464	06/20/97	700	14.13	9.17	91.5
465	06/20/97	800	14.28	9.35	93.5
466	06/20/97	900	14.45	9.44	94.8
467	06/20/97	1000	14.65	9.51	96.0
468	06/20/97	1100	14.90	9.52	96.6
469	06/20/97	1200	15.30	9.63	98.5
470	06/20/97	1300	15.74	9.66	99.8
471	06/20/97	1400	16.02	9.64	100.2
472	06/20/97	1500	15.58	9.65	101.4
473	06/20/97	1600	17.22	9.59	102.2
474	06/20/97	1700	17.78	9.51	102.5
475	06/20/97	1800	17.76	9.31	100.3
476	06/20/97	1900	17.76	9.17	98.8
477	06/20/97	2000	17.75	8.91	95.9
478	06/20/97	2100	17.44	8.75	93.7
479	06/20/97	2200	17.20	8.64	92.1
480	06/20/97	2300	17.05	8.56	90.9
481	06/21/97	0	16.81	8.54	90.2
482	06/21/97	100	16.65	8.54	89.9
483	06/21/97	200	16.51	8.62	89.4
484	06/21/97	300	16.34	8.51	89.0
485	06/21/97	400	16.16	8.53	88.8
486	06/21/97	500	15.97	8.56	88.9
487	06/21/97	600	15.77	8.63	89.2
488	06/21/97	700	15.67	8.72	89.9
489	06/21/97	800	15.62	8.84	91.0
490	06/21/97	900	15.70	9.00	92.9
491	06/21/97	1000	16.89	9.16	94.9
492	06/21/97	1100	16.19	9.33	97.3
493	06/21/97	1200	16.35	9.38	97.9
494	06/21/97	1300	17.39	9.49	98.1
495	06/21/97	1400	18.48	9.48	101.5
496	06/21/97	1500	19.34	9.44	105.1
497	06/21/97	1600	19.82	9.28	104.2
498	06/21/97	1700	20.27	9.12	102.4
499	06/21/97	1800	20.53	8.97	102.2
500	06/21/97	1900	20.38	8.75	99.4
501	06/21/97	2000	20.07	8.44	96.3
502	06/21/97	2100	19.78	8.26	92.8
503	06/21/97	2200	19.47	8.13	90.7
504	06/21/97	2300	19.15	8.09	89.7
505	06/22/97	0	18.84	8.06	88.8
506	06/22/97	100	18.45	8.07	88.2
507	06/22/97	200	18.11	8.12	88.1
508	06/22/97	300	17.75	8.17	88.0
509	06/22/97	400	17.37	8.23	87.9
510	06/22/97	500	17.03	8.28	87.9
511	06/22/97	600	16.76	8.41	88.7
512	06/22/97	700	16.63	8.55	90.0
513	06/22/97	800	16.70	8.74	92.1
514	06/22/97	900	17.08	8.96	95.2
515	06/22/97	1000	17.70	9.11	98.0
516	06/22/97	1100	18.45	9.23	100.8
517	06/22/97	1200	19.25	9.30	103.3
518	06/22/97	1300	20.14	9.31	105.3
519	06/22/97	1400	20.58	9.15	104.4
520	06/22/97	1500	21.48	9.16	106.4
521	06/22/97	1600	21.99	9.08	106.4
522	06/22/97	1700	22.10	8.90	104.6
523	06/22/97	1800	22.25	8.77	103.4
524	06/22/97	1900	22.12	8.47	99.5
525	06/22/97	2000	21.80	8.21	95.8
526	06/22/97	2100	21.34	8.00	92.6
527	06/22/97	2200	20.88	7.86	90.1
528	06/22/97	2300	20.45	7.82	88.4
529	06/23/97	0	20.09	7.83	88.4
530	06/23/97	100	19.73	7.85	88.1
531	06/23/97	200	19.33	7.89	87.8
532	06/23/97	300	19.00	7.92	87.5

BRULE 1997 GAUGING STATION DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
533	06/23/97	400	18.69	7.97	87.5
534	06/23/97	500	18.43	8.01	87.6
535	06/23/97	600	18.24	8.08	87.9
536	06/23/97	700	18.12	8.17	88.7
537	06/23/97	800	18.07	8.29	89.9
538	06/23/97	900	18.28	8.64	94.0
539	06/23/97	1000	18.71	8.95	98.3
540	06/23/97	1100	19.40	9.13	101.8
541	06/23/97	1200	20.11	9.22	104.2
542	06/23/97	1300	20.67	9.21	105.3
543	06/23/97	1400	21.80	9.25	107.4
544	06/23/97	1500	22.08	9.16	107.6
545	06/23/97	1600	22.54	9.12	108.1
546	06/23/97	1700	23.21	8.91	106.9
547	06/23/97	1800	23.32	8.65	104.0
548	06/23/97	1900	23.18	8.40	100.7
549	06/23/97	2000	23.05	8.02	95.9
550	06/23/97	2100	22.94	7.72	92.1
551	06/23/97	2200	22.74	7.61	89.3
552	06/23/97	2300	22.45	7.47	88.3
553	06/24/97	0	22.20	7.39	87.0
554	06/24/97	100	21.92	7.38	86.4
555	06/24/97	200	21.69	7.39	86.1
556	06/24/97	300	21.44	7.42	86.1
557	06/24/97	400	21.16	7.43	85.8
558	06/24/97	500	20.88	7.47	85.7
559	06/24/97	600	20.65	7.67	86.5
560	06/24/97	700	20.63	7.76	88.4
561	06/24/97	800	20.72	8.02	91.8
562	06/24/97	900	21.11	8.28	95.4
563	06/24/97	1000	21.70	8.47	98.7
564	06/24/97	1100	22.03	8.57	100.5
565	06/24/97	1200	22.56	8.74	102.6
566	06/24/97	1300	23.16	8.69	104.2
567	06/24/97	1400	23.96	8.73	106.2
568	06/24/97	1500	24.64	8.76	107.9
569	06/24/97	1600	24.86	8.68	106.1
570	06/24/97	1700	24.88	8.32	103.0
571	06/24/97	1800	24.77	8.12	100.3
572	06/24/97	1900	24.44	7.71	94.6
573	06/24/97	2000	24.07	7.40	90.2
574	06/24/97	2100	23.67	7.21	87.2
575	06/24/97	2200	23.30	7.11	86.5
576	06/24/97	2300	22.94	7.10	84.8
577	06/25/97	0	22.64	7.09	84.1
578	06/25/97	100	22.39	7.08	83.6
579	06/25/97	200	22.11	7.11	83.6
580	06/25/97	300	21.84	7.15	83.6
581	06/25/97	400	21.57	7.20	83.7
582	06/25/97	500	21.34	7.21	83.4
583	06/25/97	600	21.11	7.32	84.4
584	06/25/97	700	20.91	7.54	86.6
585	06/25/97	800	20.90	7.87	90.3
586	06/25/97	900	21.08	8.16	84.0
587	06/25/97	1000	21.53	8.43	97.9
588	06/25/97	1100	21.98	8.64	101.3
589	06/25/97	1200	22.51	8.82	104.4
590	06/25/97	1300	23.16	8.94	107.1
591	06/25/97	1400	23.92	8.93	107.4
592	06/25/97	1500	24.23	8.78	107.4
593	06/25/97	1600	24.25	8.52	104.3
594	06/25/97	1700	24.33	8.40	102.9
595	06/25/97	1800	24.34	8.40	103.0
596	06/25/97	1900	24.03	8.08	98.5
597	06/25/97	2000	23.54	7.56	91.2
598	06/25/97	2100	23.16	7.30	87.6
599	06/25/97	2200	22.64	7.17	85.1
600	06/25/97	2300	22.19	7.12	83.8
601	06/26/97	0	21.80	7.13	83.3
602	06/26/97	100	21.37	7.16	83.0
603	06/26/97	200	20.91	7.20	82.7
604	06/26/97	300	20.44	7.25	82.5
605	06/26/97	400	19.97	7.34	82.7
606	06/26/97	500	19.50	7.43	82.9
607	06/26/97	600	19.10	7.59	84.1
608	06/26/97	700	18.85	7.93	87.4

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
609	06/26/97	800	18.86	8.31	91.5
610	06/26/97	900	19.10	8.82	95.2
611	06/26/97	1000	19.64	9.07	98.8
612	06/26/97	1100	20.25	9.24	102.8
613	06/26/97	1200	21.02	9.32	106.2
614	06/26/97	1300	21.66	8.98	108.6
615	06/26/97	1400	21.99	9.30	105.3
616	06/26/97	1500	22.85	9.20	110.8
617	06/26/97	1600	23.39	8.86	107.0
618	06/26/97	1700	23.58	8.77	106.0
619	06/26/97	1800	23.58	8.33	99.9
620	06/26/97	1900	23.20	7.69	91.6
621	06/26/97	2000	22.78	7.49	88.0
622	06/26/97	2100	22.49	7.27	85.3
623	06/26/97	2200	22.05	7.22	83.9
624	06/26/97	2300	21.55	7.25	83.5
625	06/27/97	0	21.09	7.29	83.3
626	06/27/97	100	20.64	7.30	82.7
627	06/27/97	200	20.24	7.33	82.4
628	06/27/97	300	19.53	7.40	82.4
629	06/27/97	400	19.36	7.47	82.4
630	06/27/97	500	18.91	7.70	84.2
631	06/27/97	600	18.48	8.04	87.5
632	06/27/97	700	18.24	8.44	92.0
633	06/27/97	800	18.33	8.69	95.5
634	06/27/97	900	18.71	8.89	99.0
635	06/27/97	1000	19.40	9.07	102.7
636	06/27/97	1100	20.20	9.28	106.6
637	06/27/97	1200	20.97	9.80	102.3
638	06/27/97	1300	21.54	9.47	112.1
639	06/27/97	1400	22.48	8.67	103.5
640	06/27/97	1500	22.92	8.95	107.7
641	06/27/97	1600	23.36	8.92	108.2
642	06/27/97	1700	23.78	8.63	104.5
643	06/27/97	1800	23.70	8.17	98.6
644	06/27/97	1900	23.49	7.50	89.8
645	06/27/97	2000	23.15	7.19	85.9
646	06/27/97	2100	22.92	7.04	83.4
647	06/27/97	2200	22.52	7.04	81.4
648	06/27/97	2300	22.11	6.93	80.6
649	06/28/97	0	21.74	6.91	80.7
650	06/28/97	100	21.36	6.97	81.1
651	06/28/97	200	20.97	7.05	81.1
652	06/28/97	300	20.63	7.11	81.0
653	06/28/97	400	20.28	7.15	80.6
654	06/28/97	500	19.86	7.31	81.6
655	06/28/97	600	19.48	7.62	84.6
656	06/28/97	700	19.22	8.16	90.6
657	06/28/97	800	19.26	8.49	95.0
658	06/28/97	900	19.65	8.76	99.3
659	06/28/97	1000	20.31	9.05	104.4
660	06/28/97	1100	21.18	9.24	108.1
661	06/28/97	1200	21.85	9.57	113.7
662	06/28/97	1300	22.67	8.58	107.9
663	06/28/97	1400	23.27	9.05	109.8
664	06/28/97	1500	23.81	9.18	112.9
665	06/28/97	1600	24.53	8.85	109.5
666	06/28/97	1700	24.82	8.42	103.7
667	06/28/97	1800	24.62	7.75	85.0
668	06/28/97	1900	24.38	7.18	87.7
669	06/28/97	2000	23.81	6.80	82.5
670	06/28/97	2100	23.41	6.66	80.3
671	06/28/97	2200	23.10	6.55	78.5
672	06/28/97	2300	22.82	6.49	77.3
673	06/29/97	0	22.54	6.52	77.3
674	06/29/97	100	22.21	6.51	76.6
675	06/29/97	200	21.87	6.50	76.0
676	06/29/97	300	21.45	6.56	76.1
677	06/29/97	400	21.04	6.58	75.7
678	06/29/97	500	21.04	6.82	77.8
679	06/29/97	600	20.42	7.27	82.7
680	06/29/97	700	20.45	7.71	87.7
681	06/29/97	800	20.42	8.00	91.0
682	06/29/97	900	21.24	8.61	99.5
683	06/29/97	1000	21.24	8.61	99.5
684	06/29/97	1100	22.02	8.46	99.2

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
685	06/29/97	1200	22.76	8.79	104.6
686	06/29/97	1300	23.74	9.23	111.9
687	06/29/97	1400	24.64	9.14	112.7
688	06/29/97	1500	24.86	8.69	107.5
689	06/29/97	1600	24.95	8.09	100.3
690	06/29/97	1700	24.80	8.01	99.0
691	06/29/97	1800	24.65	7.93	97.8
692	06/29/97	1900	24.45	7.70	94.6
693	06/29/97	2000	24.20	6.97	85.2
694	06/29/97	2100	23.92	6.69	81.4
695	06/29/97	2200	23.50	6.58	79.0
696	06/29/97	2300	23.16	6.54	78.4
697	06/30/97	0	22.80	6.67	78.2
698	06/30/97	100	22.39	6.61	76.9
699	06/30/97	200	22.03	6.71	78.7
700	06/30/97	300	21.83	6.73	78.4
701	06/30/97	400	21.30	6.74	78.0
702	06/30/97	500	20.94	6.99	80.3
703	06/30/97	600	20.66	6.98	79.7
704	06/30/97	700	20.46	7.36	83.8
705	06/30/97	800	20.43	7.24	82.4
706	06/30/97	900	20.29	7.21	81.7
707	06/30/97	1000	20.25	7.92	89.8
708	06/30/97	1100	20.53	8.33	94.9
709	06/30/97	1200	20.81	8.61	98.7
710	06/30/97	1300	21.13	8.62	99.3
711	06/30/97	1400	21.34	8.79	101.7
712	06/30/97	1500	21.83	8.92	104.2
713	06/30/97	1600	22.16	9.27	109.0
714	06/30/97	1700	22.19	8.40	88.9
715	06/30/97	1800	22.02	8.22	86.4
716	06/30/97	1900	21.94	8.16	85.6
717	06/30/97	2000	21.85	7.49	87.6
718	06/30/97	2100	21.54	7.26	84.4
719	06/30/97	2200	21.20	7.23	83.5
720	06/30/97	2300	20.98	7.17	82.4
721	07/01/97	0	20.85	7.12	81.6
722	07/01/97	100	20.65	6.97	79.6
723	07/01/97	200	20.38	6.95	79.1
724	07/01/97	300	20.06	7.03	79.4
725	07/01/97	400	19.81	7.00	78.7
726	07/01/97	500	19.57	7.03	78.6
727	07/01/97	600	19.40	7.14	79.5
728	07/01/97	700	19.32	7.36	81.9
729	07/01/97	800	19.43	8.03	89.5
730	07/01/97	900	19.62	7.98	89.3
731	07/01/97	1000	19.63	8.14	91.1
732	07/01/97	1100	19.87	8.12	91.3
733	07/01/97	1200	20.15	8.61	97.4
734	07/01/97	1300	20.53	8.61	98.1
735	07/01/97	1400	21.26	9.28	107.2
736	07/01/97	1500	21.80	9.09	106.2
737	07/01/97	1600	22.59	8.25	97.8
738	07/01/97	1700	22.81	8.77	104.5
739	07/01/97	1800	22.89	8.20	97.8
740	07/01/97	1900	22.55	7.85	93.0
741	07/01/97	2000	22.36	7.34	86.6
742	07/01/97	2100	22.08	7.07	83.1
743	07/01/97	2200	21.95	6.88	80.6
744	07/01/97	2300	21.83	6.78	79.2
745	07/02/97	0	21.66	6.71	78.2
746	07/02/97	100	21.41	6.69	77.6
747	07/02/97	200	21.17	6.72	77.5
748	07/02/97	300	20.88	6.77	77.1
749	07/02/97	400	20.63	6.77	77.3
750	07/02/97	500	20.30	6.86	77.8
751	07/02/97	600	20.08	6.84	77.2
752	07/02/97	700	19.95	7.01	79.0
753	07/02/97	800	19.95	7.15	80.6
754	07/02/97	900	19.87	7.07	79.5
755	07/02/97	1000	19.85	7.19	80.8
756	07/02/97	1100	19.93	7.85	88.4
757	07/02/97	1200	20.59	8.01	91.3
758	07/02/97	1300	21.02	8.15	93.7
759	07/02/97	1400	21.41	8.48	98.3
760	07/02/97	1500	21.46	8.87	103.0

BRUCE 1997 GAUGING STATION DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
761	07/02/97	1600	21.56	8.85	102.9
762	07/02/97	1700	21.74	8.82	102.9
763	07/02/97	1800	21.51	8.71	101.1
764	07/02/97	1900	21.16	8.51	98.2
765	07/02/97	2000	20.34	8.36	95.8
766	07/02/97	2100	20.52	8.18	93.2
767	07/02/97	2200	20.21	8.07	91.3
768	07/02/97	2300	19.93	8.02	90.4
769	07/03/97	0	19.60	8.01	89.7
770	07/03/97	100	19.26	8.02	89.1
771	07/03/97	200	18.98	8.03	88.7
772	07/03/97	300	18.67	8.08	88.7
773	07/03/97	400	18.38	8.11	88.5
774	07/03/97	500	18.09	8.16	88.5
775	07/03/97	600	17.78	8.23	88.7
776	07/03/97	700	17.49	8.32	89.2
777	07/03/97	800	17.23	8.47	90.3
778	07/03/97	900	17.03	8.62	91.5
779	07/03/97	1000	16.99	8.86	94.0
780	07/03/97	1100	16.97	9.08	96.2
781	07/03/97	1200	17.01	9.23	97.5
782	07/03/97	1300	17.15	9.39	99.6
783	07/03/97	1400	17.00	9.39	99.6
784	07/03/97	1500	16.72	9.36	98.7
785	07/03/97	1600	16.53	9.33	98.0
786	07/03/97	1700	16.41	9.33	97.8
787	07/03/97	1800	16.20	9.26	96.6
788	07/03/97	1900	15.99	9.21	95.7
789	07/03/97	2000	15.78	9.15	94.6
790	07/03/97	2100	15.59	9.08	93.6
791	07/03/97	2200	15.39	9.05	92.4
792	07/03/97	2300	15.21	9.05	92.4
793	07/04/97	0	15.02	9.04	92.0
794	07/04/97	100	14.86	9.06	91.8
795	07/04/97	200	14.69	9.08	91.7
796	07/04/97	300	14.54	9.10	91.6
797	07/04/97	400	14.36	9.14	91.6
798	07/04/97	500	14.17	9.17	91.6
799	07/04/97	600	14.02	9.24	91.9
800	07/04/97	700	13.96	9.34	92.9
801	07/04/97	800	13.99	9.54	94.9
802	07/04/97	900	14.16	9.73	97.1
803	07/04/97	1000	14.49	9.90	99.5
804	07/04/97	1100	14.71	9.86	99.6
805	07/04/97	1200	14.92	9.87	99.6
806	07/04/97	1300	15.22	10.02	102.6
807	07/04/97	1400	15.56	10.02	103.8
808	07/04/97	1500	16.45	10.03	105.2
809	07/04/97	1600	16.83	9.96	105.2
810	07/04/97	1700	17.10	9.85	104.8
811	07/04/97	1800	17.02	9.70	103.0
812	07/04/97	1900	16.79	9.55	100.9
813	07/04/97	2000	16.68	9.41	98.2
814	07/04/97	2100	16.48	9.23	96.9
815	07/04/97	2200	16.26	9.07	94.7
816	07/04/97	2300	16.01	8.99	93.4
817	07/05/97	0	15.77	8.96	92.6
818	07/05/97	100	15.51	8.94	91.9
819	07/05/97	200	15.24	8.87	91.7
820	07/05/97	300	14.96	8.99	91.4
821	07/05/97	400	14.66	9.01	90.9
822	07/05/97	500	14.38	9.08	91.1
823	07/05/97	600	14.15	9.14	91.2
824	07/05/97	700	14.09	9.27	92.4
825	07/05/97	800	14.22	9.25	92.5
826	07/05/97	900	14.64	9.52	96.0
827	07/05/97	1000	15.31	9.65	98.8
828	07/05/97	1100	16.13	9.69	100.9
829	07/05/97	1200	16.92	9.67	102.3
830	07/05/97	1300	17.53	9.68	103.8
831	07/05/97	1400	17.97	9.66	104.5
832	07/05/97	1500	18.52	9.59	105.0
833	07/05/97	1600	18.70	9.48	104.1
834	07/05/97	1700	19.05	9.42	104.2
835	07/05/97	1800	19.03	9.24	102.1
836	07/05/97	1900	18.91	8.94	98.7

BRULE 1997 GAUGING STATION DATA

OBS	DATE	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
837	07/05/97	18.65	8.77	96.2
838	07/05/97	18.41	8.58	93.7
839	07/05/97	18.09	8.50	92.2
840	07/05/97	17.75	8.49	91.5
841	07/05/97	17.39	8.35	89.3
842	07/05/97	17.03	8.39	89.1
843	07/05/97	16.68	8.41	88.6
844	07/05/97	16.43	8.45	88.6
845	07/05/97	16.20	8.46	88.2
846	07/05/97	16.03	8.51	88.4
847	07/05/97	15.89	8.53	88.4
848	07/05/97	15.79	8.75	90.4
849	07/05/97	15.74	8.94	92.4
850	07/05/97	15.83	9.17	94.9
851	07/05/97	15.99	9.36	97.2
852	07/05/97	16.11	9.48	98.7
853	07/05/97	16.71	9.58	101.0
854	07/05/97	17.25	9.63	102.7
855	07/05/97	17.63	9.63	103.4
856	07/05/97	17.93	9.51	102.8
857	07/05/97	18.45	9.52	104.0
858	07/05/97	18.40	9.45	103.1
859	07/05/97	18.38	9.38	102.3
860	07/05/97	18.00	9.19	99.5
861	07/05/97	17.51	8.98	96.3
862	07/05/97	17.12	8.87	94.3
863	07/05/97	16.73	8.73	92.1
864	07/05/97	16.33	8.76	91.5
865	07/07/97	15.96	8.71	90.4
866	07/07/97	15.59	8.78	90.4
867	07/07/97	15.19	8.81	89.9
868	07/07/97	14.74	8.86	89.5
869	07/07/97	14.31	8.95	89.6
870	07/07/97	13.91	9.03	89.6
871	07/07/97	13.56	9.12	88.9
872	07/07/97	13.32	9.32	88.9
873	07/07/97	13.39	9.51	93.4
874	07/07/97	13.74	9.66	95.6
875	07/07/97	14.42	9.75	97.9
876	07/07/97	15.06	9.81	99.9
877	07/07/97	15.68	9.83	99.9
878	07/07/97	16.81	9.80	101.4
879	07/07/97	17.76	9.79	103.5
880	07/07/97	18.12	9.80	105.5
881	07/07/97	18.19	9.80	105.4
882	07/07/97	18.29	9.56	106.3
883	07/07/97	18.29	9.56	104.1
884	07/07/97	18.00	9.21	102.4
885	07/07/97	18.00	9.03	99.7
886	07/07/97	17.47	8.87	97.2
887	07/07/97	17.22	8.73	95.1
888	07/07/97	16.97	8.69	93.1
889	07/08/97	16.70	8.67	92.1
890	07/08/97	16.41	8.69	91.4
891	07/08/97	16.13	8.72	91.1
892	07/08/97	15.84	8.74	90.8
893	07/08/97	15.62	8.77	90.5
894	07/08/97	15.42	8.77	90.4
895	07/08/97	15.21	8.78	90.1
896	07/08/97	15.01	8.82	90.0
897	07/08/97	14.86	8.87	90.2
898	07/08/97	14.77	8.94	90.6
899	07/08/97	14.74	8.94	93.2
900	07/08/97	14.81	9.22	95.1
901	07/08/97	14.86	9.39	96.5
902	07/08/97	14.99	9.52	97.9
903	07/08/97	15.14	9.71	99.1
904	07/08/97	15.91	9.85	102.1
905	07/08/97	16.40	9.82	102.9
906	07/08/97	16.75	9.74	102.8
907	07/08/97	16.88	9.60	101.6
908	07/08/97	16.77	9.11	96.2
909	07/08/97	16.47	9.05	94.9
910	07/08/97	15.18	8.89	92.7
911	07/08/97	15.84	8.71	90.2
912	07/08/97	15.47	8.04	92.9

OBS	DATE	HR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
913	07/09/97	0	15.16	9.01	91.9
914	07/09/97	100	14.84	9.00	91.2
915	07/09/97	200	14.51	9.04	91.0
916	07/09/97	300	14.14	9.09	90.7
917	07/09/97	400	13.77	9.14	90.5
918	07/09/97	500	13.44	9.18	90.3
919	07/09/97	600	13.16	9.27	90.6
920	07/09/97	700	13.01	9.43	91.8
921	07/09/97	800	13.10	9.60	93.6
922	07/09/97	900	13.44	9.73	95.6
923	07/09/97	1000	14.02	9.86	98.1
924	07/09/97	1100	14.72	9.92	100.2
925	07/09/97	1200	15.56	9.97	102.6
926	07/09/97	1300	16.60	9.95	104.7
927	07/09/97	1400	17.10	9.82	104.4
928	07/09/97	1500	18.21	9.78	106.3
929	07/09/97	1600	18.52	9.65	105.6
930	07/09/97	1700	18.74	9.51	104.6
931	07/09/97	1800	18.77	9.31	102.5
932	07/09/97	1900	18.70	9.13	100.3
933	07/09/97	2000	18.60	8.95	98.1
934	07/09/97	2100	18.31	8.79	95.8
935	07/09/97	2200	18.04	8.63	93.6
936	07/09/97	2300	17.76	8.55	92.1
937	07/10/97	0	17.41	8.51	91.0
938	07/10/97	100	17.02	8.53	90.5
939	07/10/97	200	16.63	8.56	90.0
940	07/10/97	300	16.31	8.59	89.9
941	07/10/97	400	15.98	8.60	89.3
942	07/10/97	500	15.64	8.66	89.3
943	07/10/97	600	15.32	8.75	89.6
944	07/10/97	700	15.14	8.92	90.9
945	07/10/97	800	15.24	9.12	93.2
946	07/10/97	900	15.61	9.28	95.6
947	07/10/97	1000	16.21	9.48	98.6
948	07/10/97	1100	16.92	9.49	100.6
949	07/10/97	1200	17.76	9.56	103.0
950	07/10/97	1300	18.48	9.54	104.2
951	07/10/97	1400	19.53	9.41	105.1
952	07/10/97	1500	20.28	9.44	107.1
953	07/10/97	1600	20.72	9.32	106.6
954	07/10/97	1700	21.03	8.97	103.2
955	07/10/97	1800	21.03	8.87	102.1
956	07/10/97	1900	21.03	8.62	99.1
957	07/10/97	2000	20.61	8.41	96.0
958	07/10/97	2100	20.30	8.06	91.4
959	07/10/97	2200	19.95	7.83	88.2
960	07/10/97	2300	19.69	7.86	88.1
961	07/11/97	0	19.56	7.88	87.7
962	07/11/97	100	18.98	7.87	87.0
963	07/11/97	200	18.58	7.92	86.8
964	07/11/97	300	18.16	7.98	86.7
965	07/11/97	400	17.70	8.03	86.4
966	07/11/97	500	17.28	8.01	85.5
967	07/11/97	600	16.95	8.18	85.7
968	07/11/97	700	16.83	8.47	89.5
969	07/11/97	800	16.93	8.72	92.4
970	07/11/97	900	17.20	8.90	94.8
971	07/11/97	1000	17.75	9.04	97.4
972	07/11/97	1100	18.55	9.04	98.9
973	07/11/97	1200	19.39	8.97	99.9
974	07/11/97	1300	20.33	9.04	102.6
975	07/11/97	1400	21.21	9.04	104.8
976	07/11/97	1500	21.90	8.96	104.8
977	07/11/97	1600	22.49	8.81	104.3
978	07/11/97	1700	22.49	8.48	100.3
979	07/11/97	1800	22.67	8.47	100.6
980	07/11/97	1900	22.56	8.02	85.0
981	07/11/97	2000	22.27	7.78	81.8
982	07/11/97	2100	21.93	7.52	78.1
983	07/11/97	2200	21.65	7.38	76.0
984	07/11/97	2300	21.37	7.32	74.8
985	07/12/97	0	21.07	7.18	72.6
986	07/12/97	100	20.72	7.28	73.3
987	07/12/97	200	20.53	7.12	70.9
988	07/12/97	300	19.95	7.24	71.5



OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
989	07/12/97	400	19.57	7.24	81.0
990	07/12/97	500	19.19	7.24	80.3
991	07/12/97	600	18.86	7.32	80.7
992	07/12/97	700	18.72	7.61	83.7
993	07/12/97	800	18.79	7.96	87.6
994	07/12/97	900	19.13	8.28	91.8
995	07/12/97	1000	19.76	8.30	93.1
996	07/12/97	1100	20.54	8.47	96.5
997	07/12/97	1200	21.30	8.36	96.7
998	07/12/97	1300	22.02	8.62	101.2
999	07/12/97	1400	22.56	8.64	102.4
1000	07/12/97	1500	23.08	8.22	98.3
1001	07/12/97	1600	23.53	8.54	98.3
1002	07/12/97	1700	23.77	8.30	103.1
1003	07/12/97	1800	23.75	7.97	100.6
1004	07/12/97	1900	23.53	7.51	96.6
1005	07/12/97	2000	23.21	7.12	90.7
1006	07/12/97	2100	22.96	7.03	85.5
1007	07/12/97	2200	22.74	6.84	81.4
1008	07/12/97	2300	22.54	6.74	79.9
1009	07/12/97	0	22.31	6.73	79.3
1010	07/12/97	100	22.15	6.73	79.2
1011	07/12/97	200	21.97	6.66	78.0
1012	07/12/97	300	21.77	6.86	80.1
1013	07/12/97	400	21.58	6.84	79.5
1014	07/12/97	500	21.39	6.79	78.7
1015	07/12/97	600	21.21	6.91	79.8
1016	07/12/97	700	21.12	7.01	80.8
1017	07/12/97	800	21.07	7.02	80.8
1018	07/12/97	900	21.21	7.81	86.8
1019	07/12/97	1000	21.30	7.55	87.8
1020	07/12/97	1100	21.58	7.55	95.0
1021	07/12/97	1200	21.95	8.11	97.3
1022	07/12/97	1300	22.47	8.22	97.2
1023	07/12/97	1400	23.30	8.09	97.2
1024	07/12/97	1500	23.44	8.15	98.4
1025	07/12/97	1600	23.92	8.57	98.4
1026	07/12/97	1700	24.43	8.31	104.2
1027	07/12/97	1800	24.39	7.73	102.0
1028	07/12/97	1900	24.37	7.60	94.9
1029	07/12/97	2000	24.30	7.31	93.2
1030	07/12/97	2100	24.10	7.03	89.5
1031	07/12/97	2200	23.88	6.83	85.8
1032	07/12/97	2300	23.57	6.67	83.0
1033	07/12/97	0	23.26	6.57	80.6
1034	07/12/97	100	22.97	6.60	78.3
1035	07/12/97	200	22.65	6.55	78.3
1036	07/12/97	300	22.36	6.56	77.9
1037	07/12/97	400	22.11	6.63	78.3
1038	07/12/97	500	21.86	6.66	77.9
1039	07/12/97	600	21.56	6.70	77.9
1040	07/12/97	700	21.33	7.15	82.7
1041	07/12/97	800	21.31	7.58	87.7
1042	07/12/97	900	21.51	7.57	88.0
1043	07/12/97	1000	21.74	8.08	94.3
1044	07/12/97	1100	22.20	8.17	96.2
1045	07/12/97	1200	22.40	8.34	98.6
1046	07/12/97	1300	22.81	8.40	100.1
1047	07/12/97	1400	23.55	8.52	102.9
1048	07/12/97	1500	24.56	8.44	103.8
1049	07/12/97	1600	24.91	8.59	105.4
1050	07/12/97	1700	24.88	8.01	88.1
1051	07/12/97	1800	24.80	8.14	100.6
1052	07/12/97	1900	24.67	7.81	96.3
1053	07/12/97	2000	24.36	7.52	92.2
1054	07/12/97	2100	23.88	7.31	88.8
1055	07/12/97	2200	23.42	7.16	86.3
1056	07/12/97	2300	23.18	7.08	84.9
1057	07/12/97	0	22.86	7.05	84.2
1058	07/12/97	100	22.45	7.03	83.2
1059	07/12/97	200	22.04	7.01	82.3
1060	07/12/97	300	21.69	7.08	82.6
1061	07/12/97	400	21.30	7.09	82.1
1062	07/12/97	500	20.91	7.17	82.3
1063	07/12/97	600	20.56	7.31	83.4
1064	07/12/97	700	20.31	7.62	86.5

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1065	07/15/97	800	20.30	7.92	89.8
1066	07/15/97	900	20.51	8.10	92.3
1067	07/15/97	1000	21.00	8.29	95.3
1068	07/15/97	1100	21.85	8.32	97.0
1069	07/15/97	1200	22.40	8.36	98.8
1070	07/15/97	1300	23.26	8.51	102.2
1071	07/15/97	1400	24.14	8.65	105.6
1072	07/15/97	1500	24.85	8.67	107.3
1073	07/15/97	1600	25.39	8.60	107.5
1074	07/15/97	1700	25.63	8.42	105.7
1075	07/15/97	1800	25.60	8.02	100.7
1076	07/15/97	1900	25.30	7.58	94.5
1077	07/15/97	2000	24.83	7.38	91.4
1078	07/15/97	2100	24.36	7.14	87.6
1079	07/15/97	2200	23.86	7.05	85.7
1080	07/15/97	2300	23.42	6.99	84.3
1081	07/16/97	0	23.10	6.96	83.4
1082	07/16/97	100	22.78	6.94	82.6
1083	07/16/97	200	22.36	6.93	81.8
1084	07/16/97	300	21.98	6.96	81.5
1085	07/16/97	400	21.53	7.01	81.5
1086	07/16/97	500	21.10	6.99	80.6
1087	07/16/97	600	20.72	7.14	81.7
1088	07/16/97	700	20.45	7.25	82.5
1089	07/16/97	800	20.33	7.64	86.7
1090	07/16/97	900	20.66	8.17	93.3
1091	07/16/97	1000	20.93	7.77	89.2
1092	07/16/97	1100	21.02	8.16	93.9
1093	07/16/97	1200	21.90	8.24	96.5
1094	07/16/97	1300	22.58	8.46	100.3
1095	07/16/97	1400	22.85	8.24	98.2
1096	07/16/97	1500	22.63	7.98	94.7
1097	07/16/97	1600	22.60	8.02	95.1
1098	07/16/97	1700	22.65	7.90	93.8
1099	07/16/97	1800	22.43	7.67	89.5
1100	07/16/97	1900	22.26	7.51	85.6
1101	07/16/97	2000	22.05	7.58	89.0
1102	07/16/97	2100	21.79	7.41	86.6
1103	07/16/97	2200	21.45	7.34	85.2
1104	07/16/97	2300	21.12	7.33	84.5
1105	07/17/97	0	20.73	7.31	83.6
1106	07/17/97	100	20.35	7.32	83.1
1107	07/17/97	200	19.98	7.28	82.1
1108	07/17/97	300	19.58	7.33	82.1
1109	07/17/97	400	19.35	7.37	82.1
1110	07/17/97	500	19.17	7.46	82.7
1111	07/17/97	600	18.94	7.52	83.1
1112	07/17/97	700	18.86	7.68	84.6
1113	07/17/97	800	18.94	7.94	87.7
1114	07/17/97	900	19.19	8.32	92.4
1115	07/17/97	1000	19.97	8.48	95.6
1116	07/17/97	1100	20.93	8.55	98.2
1117	07/17/97	1200	21.83	8.41	98.3
1118	07/17/97	1300	22.43	8.52	100.7
1119	07/17/97	1400	23.79	9.00	109.3
1120	07/17/97	1500	24.39	8.88	109.1
1121	07/17/97	1600	24.80	8.75	108.3
1122	07/17/97	1700	24.85	8.68	107.5
1123	07/17/97	1800	24.87	8.57	106.3
1124	07/17/97	1900	24.50	8.38	103.1
1125	07/17/97	2000	24.04	8.15	98.5
1126	07/17/97	2100	23.88	7.88	96.8
1127	07/17/97	2200	23.28	7.85	94.9
1128	07/17/97	2300	22.92	7.79	93.1
1129	07/18/97	0	22.59	7.77	92.3
1130	07/18/97	100	22.23	7.73	91.2
1131	07/18/97	200	21.81	7.78	91.0
1132	07/18/97	300	21.40	7.78	90.3
1133	07/18/97	400	20.95	7.69	88.4
1134	07/18/97	500	20.52	7.81	89.1
1135	07/18/97	600	20.12	7.86	88.9
1136	07/18/97	700	19.81	7.99	89.9
1137	07/18/97	800	19.79	8.21	92.3
1138	07/18/97	900	20.07	8.41	95.1
1139	07/18/97	1000	20.68	8.55	97.8
1140	07/18/97	1100	21.45	8.67	100.7

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1141	07/18/97	1200	22.16	8.74	103.0
1142	07/18/97	1300	23.01	8.83	105.7
1143	07/18/97	1400	23.48	8.81	105.4
1144	07/18/97	1500	24.45	8.75	107.7
1145	07/18/97	1600	24.94	8.68	107.7
1146	07/18/97	1700	25.20	8.63	104.9
1147	07/18/97	1800	25.04	8.44	103.6
1148	07/18/97	1900	24.63	8.40	100.0
1149	07/18/97	2000	23.93	8.21	97.0
1150	07/18/97	2100	23.44	8.03	94.8
1151	07/18/97	2200	22.97	7.92	93.6
1152	07/18/97	2300	22.47	7.80	92.1
1153	07/19/97	0	21.91	7.85	91.3
1154	07/19/97	100	21.33	7.87	89.9
1155	07/19/97	200	20.75	7.96	89.8
1156	07/19/97	300	20.17	7.94	89.9
1157	07/19/97	400	19.67	8.00	89.8
1158	07/19/97	500	19.25	8.11	90.2
1159	07/19/97	600	18.84	8.30	91.5
1160	07/19/97	700	18.58	8.40	92.1
1161	07/19/97	800	18.60	8.57	94.1
1162	07/19/97	900	18.67	8.91	97.9
1163	07/19/97	1000	19.03	9.08	100.6
1164	07/19/97	1100	19.63	9.20	103.1
1165	07/19/97	1200	20.22	9.26	105.0
1166	07/19/97	1300	20.78	9.33	107.0
1167	07/19/97	1400	21.58	9.31	108.5
1168	07/19/97	1500	22.32	9.25	109.2
1169	07/19/97	1600	22.79	9.18	109.4
1170	07/19/97	1700	22.92	9.10	108.8
1171	07/19/97	1800	22.81	8.96	106.8
1172	07/19/97	1900	22.50	8.77	104.0
1173	07/19/97	2000	22.11	8.57	100.9
1174	07/19/97	2100	21.70	8.37	97.7
1175	07/19/97	2200	21.40	8.24	95.6
1176	07/19/97	2300	21.08	8.19	94.4
1177	07/20/97	0	20.77	8.15	93.4
1178	07/20/97	100	20.43	8.11	92.3
1179	07/20/97	200	20.08	8.14	92.0
1180	07/20/97	300	19.70	8.15	91.5
1181	07/20/97	400	19.39	8.22	91.7
1182	07/20/97	500	19.06	8.26	91.6
1183	07/20/97	600	18.61	8.39	92.1
1184	07/20/97	700	18.39	8.42	92.0
1185	07/20/97	800	18.27	8.50	92.7
1186	07/20/97	900	18.31	8.73	95.2
1187	07/20/97	1000	18.49	8.91	97.6
1188	07/20/97	1100	19.04	9.08	100.6
1189	07/20/97	1200	19.56	9.19	102.9
1190	07/20/97	1300	20.14	9.19	104.0
1191	07/20/97	1400	20.42	9.18	104.5
1192	07/20/97	1500	21.19	9.21	105.5
1193	07/20/97	1600	21.29	9.08	105.5
1194	07/20/97	1700	21.26	8.87	102.6
1195	07/20/97	1800	21.08	8.72	100.6
1196	07/20/97	1900	21.06	8.67	99.9
1197	07/20/97	2000	20.85	8.56	98.3
1198	07/20/97	2100	20.54	8.41	96.0
1199	07/20/97	2200	20.31	8.30	94.2
1200	07/20/97	2300	20.08	8.22	92.9
1201	07/21/97	0	19.91	8.15	91.3
1202	07/21/97	100	19.72	8.14	91.1
1203	07/21/97	200	19.49	8.16	91.1
1204	07/21/97	300	19.25	8.19	90.3
1205	07/21/97	400	19.04	8.15	90.4
1206	07/21/97	500	18.80	8.20	90.4
1207	07/21/97	600	18.53	8.23	90.2
1208	07/21/97	700	18.37	8.27	91.5
1209	07/21/97	800	18.34	8.54	93.2
1210	07/21/97	900	18.31	8.59	93.7
1211	07/21/97	1000	18.39	8.80	96.2
1212	07/21/97	1100	18.37	8.84	96.6
1213	07/21/97	1200	18.32	8.89	97.0
1214	07/21/97	1300	18.51	9.07	99.4
1215	07/21/97	1400	18.72	9.18	101.0
1216	07/21/97	1500	18.94	9.25	102.2

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1217	07/21/97	1600	19.11	9.30	103.1
1218	07/21/97	1700	19.44	9.31	104.0
1219	07/21/97	1800	19.41	9.21	102.8
1220	07/21/97	1900	19.27	9.10	101.3
1221	07/21/97	2000	18.97	8.97	99.2
1222	07/21/97	2100	18.65	8.76	96.2
1223	07/21/97	2200	18.34	8.68	94.8
1224	07/21/97	2300	18.12	8.61	93.6
1225	07/22/97	0	17.90	8.56	92.7
1226	07/22/97	100	17.66	8.56	92.2
1227	07/22/97	200	17.35	8.57	91.7
1228	07/22/97	300	17.05	8.61	91.5
1229	07/22/97	400	16.77	8.61	91.0
1230	07/22/97	500	16.47	8.65	90.8
1231	07/22/97	600	16.23	8.65	90.5
1232	07/22/97	700	16.07	8.76	91.2
1233	07/22/97	800	16.10	8.93	93.0
1234	07/22/97	900	16.40	9.14	95.9
1235	07/22/97	1000	16.76	9.31	98.4
1236	07/22/97	1100	17.57	9.37	100.7
1237	07/23/97	1200	18.15	9.35	101.7
1238	07/23/97	1300	18.82	9.39	103.6
1239	07/23/97	1400	19.45	9.31	104.0
1240	07/22/97	1500	19.74	9.26	104.0
1241	07/22/97	1600	19.82	9.17	103.1
1242	07/22/97	1700	19.86	9.01	101.4
1243	07/22/97	1800	19.84	8.97	101.0
1244	07/22/97	1900	19.67	8.82	99.0
1245	07/22/97	2000	19.39	8.65	95.4
1246	07/22/97	2100	19.20	8.40	93.4
1247	07/22/97	2200	19.03	8.25	91.4
1248	07/22/97	2300	18.82	8.19	90.4
1249	07/23/97	0	18.56	8.17	89.6
1250	07/23/97	100	18.29	8.16	89.0
1251	07/23/97	200	18.05	8.17	88.6
1252	07/23/97	300	17.81	8.18	88.4
1253	07/23/97	400	17.62	8.20	88.3
1254	07/23/97	500	17.42	8.22	88.1
1255	07/23/97	600	17.23	8.24	88.0
1256	07/23/97	700	17.11	8.34	88.8
1257	07/23/97	800	17.06	8.47	90.1
1258	07/23/97	900	17.11	8.69	92.5
1259	07/23/97	1000	17.57	8.91	95.8
1260	07/23/97	1100	18.03	9.05	98.2
1261	07/23/97	1200	18.70	9.20	101.2
1262	07/23/97	1300	19.70	9.18	103.0
1263	07/23/97	1400	20.77	9.10	104.3
1264	07/23/97	1500	21.21	9.03	104.4
1265	07/23/97	1600	21.15	8.90	102.8
1266	07/23/97	1700	21.21	8.79	101.6
1267	07/23/97	1800	21.17	8.62	99.6
1268	07/23/97	1900	21.15	8.53	98.5
1269	07/23/97	2000	20.87	8.29	95.2
1270	07/23/97	2100	20.54	8.10	92.4
1271	07/23/97	2200	20.12	7.94	89.8
1272	07/23/97	2300	19.75	7.98	89.6
1273	07/24/97	0	19.41	7.98	89.0
1274	07/24/97	100	19.01	7.98	88.3
1275	07/24/97	200	18.58	8.03	88.1
1276	07/24/97	300	18.20	8.10	88.2
1277	07/24/97	400	17.90	8.11	87.7
1278	07/24/97	500	17.61	8.13	87.5
1279	07/24/97	600	17.37	8.22	88.0
1280	07/24/97	700	17.13	8.40	89.5
1281	07/24/97	800	17.15	8.64	92.1
1282	07/24/97	900	17.52	8.79	94.3
1283	07/24/97	1000	18.17	8.94	97.2
1284	07/24/97	1100	19.06	8.99	99.6
1285	07/24/97	1200	19.91	9.01	101.6
1286	07/24/97	1300	20.85	8.98	103.1
1287	07/24/97	1400	21.84	8.99	105.3
1288	07/24/97	1500	22.57	8.91	105.7
1289	07/24/97	1600	23.44	8.81	106.3
1290	07/24/97	1700	23.59	8.67	104.9
1291	07/24/97	1800	23.19	8.48	101.9
1292	07/24/97	1900	22.65	8.33	99.0

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1293	07/24/97	2000	22.04	8.12	95.5
1294	07/24/97	2100	21.91	7.86	91.9
1295	07/24/97	2200	21.72	7.58	89.7
1296	07/24/97	2300	21.58	7.53	87.7
1297	07/25/97	0	21.19	7.56	87.4
1298	07/25/97	100	20.77	7.61	87.2
1299	07/25/97	200	20.36	7.65	87.0
1300	07/25/97	300	20.03	7.70	87.0
1301	07/25/97	400	19.72	7.68	86.2
1302	07/25/97	500	19.41	7.71	86.0
1303	07/25/97	600	19.11	7.77	86.2
1304	07/25/97	700	18.99	7.90	87.4
1305	07/25/97	800	18.94	8.03	88.8
1306	07/25/97	900	18.97	8.13	89.9
1307	07/25/97	1000	19.08	8.24	91.3
1308	07/25/97	1100	19.23	8.37	93.0
1309	07/25/97	1200	19.42	8.54	95.3
1310	07/25/97	1300	20.03	8.65	97.7
1311	07/25/97	1400	20.08	8.62	97.5
1312	07/25/97	1500	20.07	8.64	97.7
1313	07/25/97	1600	19.91	8.48	95.6
1314	07/25/97	1700	19.72	8.33	93.5
1315	07/25/97	1800	19.53	8.20	91.7
1316	07/25/97	1900	19.34	8.13	90.4
1317	07/25/97	2000	19.16	8.05	89.4
1318	07/25/97	2100	19.03	7.94	87.9
1319	07/25/97	2200	18.89	7.92	87.8
1320	07/25/97	2300	18.78	7.84	86.3
1321	07/26/97	0	18.60	7.85	86.6
1322	07/26/97	100	18.44	7.85	86.1
1323	07/26/97	200	18.31	7.85	85.7
1324	07/26/97	300	18.19	7.90	86.0
1325	07/26/97	400	18.12	7.89	85.7
1326	07/26/97	500	18.01	7.92	85.9
1327	07/26/97	600	17.93	7.99	86.5
1328	07/26/97	700	17.86	8.03	86.8
1329	07/26/97	800	17.86	8.18	88.1
1330	07/26/97	900	18.00	8.30	90.0
1331	07/26/97	1000	18.22	8.43	91.8
1332	07/26/97	1100	18.41	8.48	92.5
1333	07/26/97	1200	18.32	8.47	92.6
1334	07/26/97	1300	19.04	8.59	96.2
1335	07/26/97	1400	20.08	8.77	99.2
1336	07/26/97	1500	20.64	8.69	98.4
1337	07/26/97	1600	21.42	8.59	99.7
1338	07/26/97	1700	21.70	8.51	99.3
1339	07/26/97	1800	22.00	8.36	98.2
1340	07/26/97	1900	21.97	8.12	95.3
1341	07/26/97	2000	21.81	7.94	92.9
1342	07/26/97	2100	21.54	7.63	88.8
1343	07/26/97	2200	21.24	7.48	86.7
1344	07/26/97	2300	21.10	7.38	85.1
1345	07/27/97	0	20.94	7.40	84.0
1346	07/27/97	100	20.68	7.32	83.3
1347	07/27/97	200	20.35	7.34	82.6
1348	07/27/97	300	20.03	7.31	82.6
1349	07/27/97	400	19.72	7.35	82.5
1350	07/27/97	500	19.39	7.45	83.2
1351	07/27/97	600	19.13	7.38	82.0
1352	07/27/97	700	18.98	7.57	83.8
1353	07/27/97	800	19.08	7.80	86.4
1354	07/27/97	900	19.41	8.03	88.6
1355	07/27/97	1000	19.98	8.20	92.5
1356	07/27/97	1100	20.77	8.20	93.9
1357	07/27/97	1200	21.38	8.20	95.1
1358	07/27/97	1300	22.29	8.22	97.1
1359	07/27/97	1400	23.19	8.17	88.1
1360	07/27/97	1500	24.06	8.15	88.5
1361	07/27/97	1600	24.41	7.98	88.1
1362	07/27/97	1700	24.74	7.92	88.0
1363	07/27/97	1800	24.69	7.75	85.7
1364	07/27/97	1900	24.45	7.65	84.0
1365	07/27/97	2000	24.06	7.39	80.2
1366	07/27/97	2100	23.59	7.40	80.5
1367	07/27/97	2200	23.04	6.91	82.7
1368	07/27/97	2300	22.57	6.78	80.5

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1359	07/28/97	0	22.18	6.80	80.1
1370	07/28/97	100	21.77	6.79	79.4
1371	07/28/97	200	21.33	6.81	78.9
1372	07/28/97	300	20.89	6.96	79.9
1373	07/28/97	400	20.43	7.09	80.7
1374	07/28/97	500	19.96	7.12	80.3
1375	07/28/97	600	19.54	7.36	82.4
1376	07/28/97	700	19.22	7.49	83.3
1377	07/28/97	800	19.15	7.70	85.5
1378	07/28/97	900	19.30	7.93	88.3
1379	07/28/97	1000	19.72	8.07	90.7
1380	07/28/97	1100	20.22	8.13	92.3
1381	07/28/97	1200	20.61	8.24	94.2
1382	07/28/97	1300	21.24	8.23	94.2
1383	07/28/97	1400	21.99	8.23	95.6
1384	07/28/97	1500	22.81	8.13	97.0
1385	07/28/97	1600	23.03	8.15	98.1
1386	07/28/97	1700	23.39	8.24	99.3
1387	07/28/97	1800	23.24	8.14	97.9
1388	07/28/97	1900	22.72	7.90	94.1
1389	07/28/97	2000	22.07	7.60	89.4
1390	07/28/97	2100	21.47	7.41	86.1
1391	07/28/97	2200	20.82	7.28	83.6
1392	07/28/97	2300	20.29	7.23	82.1
1393	07/29/97	0	19.81	7.21	81.1
1394	07/29/97	100	19.32	7.21	80.4
1395	07/29/97	200	18.82	7.28	80.3
1396	07/29/97	300	18.32	7.44	81.2
1397	07/29/97	400	17.83	7.54	81.4
1398	07/29/97	500	17.32	7.48	80.0
1399	07/29/97	600	16.81	7.64	80.8
1400	07/29/97	700	16.42	7.73	81.9
1401	07/29/97	800	16.32	8.01	82.9
1402	07/29/97	900	16.55	8.17	86.0
1403	07/29/97	1000	17.16	8.34	88.9
1404	07/29/97	1100	18.03	8.53	93.5
1405	07/29/97	1200	18.92	8.46	93.0
1406	07/29/97	1300	19.87	8.31	94.8
1407	07/29/97	1400	20.49	8.27	94.8
1408	07/29/97	1500	21.03	8.06	95.2
1409	07/29/97	1600	21.17	8.02	93.1
1410	07/29/97	1700	21.42	7.88	91.4
1411	07/29/97	1800	21.40	7.79	90.3
1412	07/29/97	1900	21.36	7.62	86.5
1413	07/29/97	2000	20.89	7.36	83.8
1414	07/29/97	2100	20.42	7.30	82.4
1415	07/29/97	2200	19.94	7.19	80.4
1416	07/29/97	2300	19.49	7.22	80.0
1417	07/30/97	0	19.03	7.27	79.7
1418	07/30/97	100	18.53	7.32	79.5
1419	07/30/97	200	18.05	7.32	79.3
1420	07/30/97	300	17.61	7.46	79.4
1421	07/30/97	400	17.13	7.46	79.9
1422	07/30/97	500	16.67	7.59	79.9
1423	07/30/97	600	16.20	7.65	79.9
1424	07/30/97	700	15.85	7.91	82.0
1425	07/30/97	800	15.80	7.99	82.8
1426	07/30/97	900	16.07	8.33	86.7
1427	07/30/97	1000	16.74	8.48	89.6
1428	07/30/97	1100	17.55	8.48	81.3
1429	07/30/97	1200	18.85	8.48	83.9
1430	07/30/97	1300	19.65	8.37	83.9
1431	07/30/97	1400	20.70	8.30	83.0
1432	07/30/97	1500	21.53	9.60	109.8
1433	07/30/97	1600	22.23	9.45	109.5
1434	07/30/97	1700	22.35	9.28	107.8
1435	07/30/97	1800	22.51	9.05	105.5
1436	07/30/97	1900	22.14	8.78	101.6
1437	07/30/97	2000	21.59	8.47	97.0
1438	07/30/97	2100	21.07	8.27	93.8
1439	07/30/97	2200	20.67	8.07	91.3
1440	07/30/97	2300	20.29	8.07	90.0
1441	07/31/97	0	19.87	8.08	89.4
1442	07/31/97	100	19.42	8.00	87.8
1443	07/31/97	200	18.95	8.17	88.8
1444	07/31/97	300	18.49	8.23	88.6

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1445	07/31/97	400	17.99	8.33	88.8
1446	07/31/97	500	17.53	8.41	88.8
1447	07/31/97	600	17.06	8.51	88.9
1448	07/31/97	700	16.70	8.70	90.3
1449	07/31/97	800	16.63	8.93	92.5
1450	07/31/97	900	16.52	9.15	95.3
1451	07/31/97	1000	17.58	9.31	98.4
1452	07/31/97	1100	18.47	9.44	101.6
1453	07/31/97	1200	19.35	9.51	104.2
1454	07/31/97	1300	20.18	9.51	105.5
1455	07/31/97	1400	21.22	9.50	108.0
1456	07/31/97	1500	22.05	9.43	108.9
1457	07/31/97	1600	22.50	9.32	108.6
1458	07/31/97	1700	22.50	9.18	106.9
1459	07/31/97	1800	22.51	8.98	104.6
1460	07/31/97	1900	22.25	8.75	101.5
1461	07/31/97	2000	21.89	8.45	97.4
1462	07/31/97	2100	21.50	8.17	93.4
1463	07/31/97	2200	21.04	8.09	90.9
1464	07/31/97	2300	20.71	7.97	89.7
1465	08/01/97	0	20.48	7.93	88.8
1466	08/01/97	100	20.29	7.91	88.2
1467	08/01/97	200	19.97	7.95	88.2
1468	08/01/97	300	19.64	7.99	88.1
1469	08/01/97	400	19.35	8.03	87.9
1470	08/01/97	500	19.11	8.06	87.9
1471	08/01/97	600	18.83	8.13	88.2
1472	08/01/97	700	18.69	8.18	88.2
1473	08/01/97	800	18.44	8.30	89.2
1474	08/01/97	900	18.37	8.45	90.8
1475	08/01/97	1000	18.45	8.68	93.5
1476	08/01/97	1100	19.11	9.03	98.4
1477	08/01/97	1200	19.83	9.19	101.7
1478	08/01/97	1300	20.53	9.31	104.4
1479	08/01/97	1400	21.23	9.36	106.5
1480	08/01/97	1500	21.75	9.29	106.7
1481	08/01/97	1600	22.41	9.28	108.0
1482	08/01/97	1700	22.64	9.12	106.5
1483	08/01/97	1800	22.66	8.93	104.4
1484	08/01/97	1900	22.51	8.62	100.4
1485	08/01/97	2000	22.23	8.28	96.0
1486	08/01/97	2100	21.97	8.02	92.5
1487	08/01/97	2200	21.57	7.85	90.3
1488	08/01/97	2300	21.20	7.83	88.9
1489	08/02/97	0	20.88	7.81	88.2
1490	08/02/97	100	20.64	7.78	87.5
1491	08/02/97	200	20.39	7.81	87.4
1492	08/02/97	300	20.09	7.87	87.5
1493	08/02/97	400	19.73	7.89	87.1
1494	08/02/97	500	19.35	7.95	87.2
1495	08/02/97	600	18.99	8.03	87.3
1496	08/02/97	700	18.68	8.18	88.4
1497	08/02/97	800	18.61	8.44	91.0
1498	08/02/97	900	18.88	8.58	94.1
1499	08/02/97	1000	19.42	8.88	97.4
1500	08/02/97	1100	20.27	9.02	100.6
1501	08/02/97	1200	21.22	9.08	103.2
1502	08/02/97	1300	22.16	9.04	104.6
1503	08/02/97	1400	23.05	8.85	104.2
1504	08/02/97	1500	23.89	8.85	103.9
1505	08/02/97	1600	24.55	8.64	104.6
1506	08/02/97	1700	24.86	8.46	103.1
1507	08/02/97	1800	24.68	8.31	100.9
1508	08/02/97	1900	24.24	8.22	99.0
1509	08/02/97	2000	23.68	7.88	93.9
1510	08/02/97	2100	23.16	7.53	90.1
1511	08/02/97	2200	22.64	7.51	87.8
1512	08/02/97	2300	22.18	7.48	86.7
1513	08/03/97	0	21.84	7.45	85.7
1514	08/03/97	100	21.45	7.49	85.6
1515	08/03/97	200	21.09	7.56	85.7
1516	08/03/97	300	20.74	7.62	85.8
1517	08/03/97	400	20.37	7.68	85.9
1518	08/03/97	500	20.02	7.71	85.6
1519	08/03/97	600	19.76	7.77	85.8
1520	08/03/97	700	19.56	7.86	86.5

BRULE 1997 GAUGING STATION DATA

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OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1521	08/03/97	800	19.38	8.03	88.0
1522	08/03/97	800	19.26	8.18	89.5
1523	08/03/97	1000	19.23	8.43	92.2
1524	08/03/97	1100	19.26	8.62	94.3
1525	08/03/97	1200	19.31	8.81	96.5
1526	08/03/97	1300	19.66	9.01	99.3
1527	08/03/97	1400	20.46	9.21	104.2
1528	08/03/97	1500	21.38	9.29	105.9
1529	08/03/97	1600	22.00	9.25	106.8
1530	08/03/97	1700	22.21	9.17	106.2
1531	08/03/97	1800	22.12	8.96	103.5
1532	08/03/97	1900	22.00	8.57	100.4
1533	08/03/97	2000	21.60	8.37	95.9
1534	08/03/97	2100	21.22	8.14	92.6
1535	08/03/97	2200	20.78	8.00	90.2
1536	08/03/97	2300	20.50	7.94	89.0
1537	08/04/97	0	20.29	7.92	88.4
1538	08/04/97	100	20.01	7.92	87.9
1539	08/04/97	200	19.64	7.88	87.6
1540	08/04/97	300	19.23	8.00	87.6
1541	08/04/97	400	18.83	8.06	87.4
1542	08/04/97	500	18.54	8.12	87.6
1543	08/04/97	600	18.28	8.18	87.7
1544	08/04/97	700	18.08	8.30	88.6
1545	08/04/97	800	17.92	8.52	90.6
1546	08/04/97	900	18.08	8.80	93.9
1547	08/04/97	1000	18.30	9.08	97.0
1548	08/04/97	1100	18.57	9.15	98.7
1549	08/04/97	1200	19.59	9.37	103.1
1550	08/04/97	1300	19.85	9.41	104.1
1551	08/04/97	1400	20.32	9.36	104.6
1552	08/04/97	1500	20.79	9.39	105.9
1553	08/04/97	1600	21.43	9.33	106.5
1554	08/04/97	1700	21.62	9.23	105.8
1555	08/04/97	1800	21.43	9.01	102.8
1556	08/04/97	1900	20.90	8.80	99.4
1557	08/04/97	2000	20.30	8.64	95.3
1558	08/04/97	2100	19.80	8.32	82.0
1559	08/04/97	2200	19.19	8.25	80.1
1560	08/04/97	2300	18.64	8.28	80.4
1561	08/05/97	0	18.15	8.25	80.2
1562	08/05/97	100	17.70	8.32	82.2
1563	08/05/97	200	17.25	8.37	83.1
1564	08/05/97	300	16.77	8.45	87.8
1565	08/05/97	400	16.31	8.54	87.8
1566	08/05/97	500	15.86	8.69	88.6
1567	08/05/97	600	15.41	8.81	88.9
1568	08/05/97	700	15.06	9.01	90.3
1569	08/05/97	800	14.97	9.27	92.7
1570	08/05/97	900	15.22	9.49	95.4
1571	08/05/97	1000	15.64	9.67	98.5
1572	08/05/97	1100	16.74	9.74	101.1
1573	08/05/97	1200	17.60	9.83	103.9
1574	08/05/97	1300	18.21	9.80	104.9
1575	08/05/97	1400	18.74	9.75	105.5
1576	08/05/97	1500	18.99	9.64	104.8
1577	08/05/97	1600	19.19	9.63	105.2
1578	08/05/97	1700	19.75	9.59	105.9
1579	08/05/97	1800	19.90	9.48	105.0
1580	08/05/97	1900	19.64	9.24	101.8
1581	08/05/97	2000	19.24	8.91	97.4
1582	08/05/97	2100	18.95	8.62	93.7
1583	08/05/97	2200	18.61	8.47	91.4
1584	08/05/97	2300	18.26	8.46	90.6
1585	08/06/97	0	17.91	8.44	89.7
1586	08/06/97	100	17.48	8.50	89.6
1587	08/06/97	200	17.02	8.57	89.6
1588	08/06/97	300	16.58	8.64	89.4
1589	08/06/97	400	16.18	8.70	89.2
1590	08/06/97	500	15.78	8.76	89.1
1591	08/06/97	600	15.39	8.83	89.1
1592	08/06/97	700	15.07	9.04	90.4
1593	08/06/97	800	14.99	9.28	92.9
1594	08/06/97	900	15.31	9.54	96.0
1595	08/06/97	1000	15.84	9.70	99.0
1596	08/06/97	1100	16.84	9.87	102.7



BRULE 1997 GAUGING STATION DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1597	08/06/97	1200	17.87	9.93	105.5
1598	08/06/97	1300	18.71	9.52	107.3
1599	08/06/97	1400	19.28	9.54	107.7
1600	08/06/97	1500	20.04	9.80	108.9
1601	08/06/97	1600	20.36	9.70	108.4
1602	08/06/97	1700	20.99	9.59	108.5
1603	08/06/97	1800	21.04	9.40	106.5
1604	08/06/97	1900	20.81	9.08	102.4
1605	08/06/97	2000	20.36	8.71	97.3
1606	08/06/97	2100	19.85	8.46	93.6
1607	08/06/97	2200	19.50	8.33	91.9
1608	08/06/97	2300	19.18	8.29	90.5
1609	08/06/97	0	18.85	8.28	89.7
1610	08/07/97	100	18.50	8.25	88.9
1611	08/07/97	200	18.08	8.33	88.9
1612	08/07/97	300	17.62	8.41	89.0
1613	08/07/97	400	17.21	8.47	88.8
1614	08/07/97	500	16.84	8.45	87.9
1615	08/07/97	600	16.47	8.50	87.7
1616	08/07/97	700	16.18	8.63	88.6
1617	08/07/97	800	16.04	8.82	90.3
1618	08/07/97	900	16.36	9.12	94.0
1619	08/07/97	1000	17.02	9.41	98.3
1620	08/07/97	1100	17.97	9.54	101.6
1621	08/07/97	1200	18.92	9.57	103.9
1622	08/07/97	1300	20.04	9.60	106.6
1623	08/07/97	1400	21.02	9.59	108.6
1624	08/07/97	1500	21.32	9.38	106.9
1625	08/07/97	1600	22.28	9.35	108.5
1626	08/07/97	1700	22.51	9.21	107.4
1627	08/07/97	1800	22.51	8.95	104.4
1628	08/07/97	1900	21.98	8.65	99.9
1629	08/07/97	2000	21.41	8.29	94.6
1630	08/07/97	2100	20.95	8.07	91.3
1631	08/07/97	2200	20.51	7.92	88.8
1632	08/07/97	2300	20.18	7.87	87.6
1633	08/08/97	0	19.89	7.88	87.3
1634	08/08/97	100	19.57	7.90	86.9
1635	08/08/97	200	19.18	7.94	86.7
1636	08/08/97	300	18.74	7.93	85.8
1637	08/08/97	400	18.32	7.97	85.5
1638	08/08/97	500	17.91	8.00	85.1
1639	08/08/97	600	17.51	8.06	86.1
1640	08/08/97	700	17.19	8.31	87.1
1641	08/08/97	800	17.12	8.60	90.0
1642	08/08/97	900	17.29	8.81	92.6
1643	08/08/97	1000	17.94	8.99	95.7
1644	08/08/97	1100	18.78	9.13	98.9
1645	08/08/97	1200	19.56	9.24	101.7
1646	08/08/97	1300	20.30	9.30	103.6
1647	08/08/97	1400	20.99	9.22	104.3
1648	08/08/97	1500	21.78	9.16	105.3
1649	08/08/97	1600	22.25	9.06	105.1
1650	08/08/97	1700	22.42	8.83	102.8
1651	08/08/97	1800	22.33	8.72	101.3
1652	08/08/97	1900	22.16	8.43	97.6
1653	08/08/97	2000	21.64	8.08	92.6
1654	08/08/97	2100	21.09	7.87	89.2
1655	08/08/97	2200	20.67	7.66	85.1
1656	08/08/97	2300	20.30	7.62	85.1
1657	08/09/97	0	19.92	7.65	84.8
1658	08/09/97	100	19.58	7.69	84.7
1659	08/09/97	200	19.23	7.67	83.8
1660	08/09/97	300	18.88	7.69	83.4
1661	08/09/97	400	18.57	7.81	84.2
1662	08/09/97	500	18.23	7.79	83.4
1663	08/09/97	600	17.85	7.85	83.4
1664	08/09/97	700	17.50	7.97	84.0
1665	08/09/97	800	17.38	8.24	86.8
1666	08/09/97	900	17.57	8.46	89.3
1667	08/09/97	1000	18.04	8.73	93.1
1668	08/09/97	1100	18.76	8.87	96.0
1669	08/09/97	1200	19.56	8.80	99.0
1670	08/09/97	1300	20.27	9.08	101.3
1671	08/09/97	1400	21.13	9.15	103.8
1672	08/09/97	1500	21.80	9.15	105.2

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1673	08/09/97	1600	22.33	9.48	110.1
1674	08/09/97	1700	22.64	9.33	109.0
1675	08/09/97	1800	22.53	9.14	105.6
1676	08/09/97	1900	22.19	8.80	101.9
1677	08/09/97	2000	21.78	8.38	96.3
1678	08/09/97	2100	21.48	8.10	92.5
1679	08/09/97	2200	21.25	7.94	90.3
1680	08/09/97	2300	21.04	7.87	89.1
1681	08/10/97	0	20.79	7.84	88.4
1682	08/10/97	100	20.55	7.84	88.0
1683	08/10/97	200	20.30	7.87	87.9
1684	08/10/97	300	20.09	7.90	87.8
1685	08/10/97	400	19.89	7.91	87.6
1686	08/10/97	500	19.64	7.94	87.5
1687	08/10/97	600	19.38	7.98	87.5
1688	08/10/97	700	19.14	8.13	88.6
1689	08/10/97	800	19.04	8.39	88.6
1690	08/10/97	900	19.09	8.61	91.3
1691	08/10/97	1000	19.21	8.85	93.8
1692	08/10/97	1100	19.56	9.12	96.7
1693	08/10/97	1200	20.11	9.25	100.3
1694	08/10/97	1300	20.44	9.38	102.9
1695	08/10/97	1400	20.55	9.50	106.0
1696	08/10/97	1500	20.72	9.53	106.6
1697	08/10/97	1600	20.79	9.48	107.3
1698	08/10/97	1700	20.83	9.48	106.9
1699	08/10/97	1800	20.72	9.36	105.5
1700	08/10/97	1900	20.50	9.14	102.8
1701	08/10/97	2000	19.97	8.96	100.4
1702	08/10/97	2100	19.40	8.62	95.6
1703	08/10/97	2200	18.81	8.43	92.4
1704	08/10/97	2300	18.26	8.36	90.5
1705	08/11/97	0	17.74	8.42	89.6
1706	08/11/97	100	17.24	8.46	89.2
1707	08/11/97	200	16.77	8.46	88.8
1708	08/11/97	300	16.33	8.56	88.9
1709	08/11/97	400	15.89	8.72	89.0
1710	08/11/97	500	15.47	8.81	88.9
1711	08/11/97	600	15.04	8.92	89.0
1712	08/11/97	700	14.71	9.11	89.3
1713	08/11/97	800	14.52	9.38	90.6
1714	08/11/97	900	14.72	9.62	92.9
1715	08/11/97	1000	15.24	9.79	95.7
1716	08/11/97	1100	16.03	9.91	98.4
1717	08/11/97	1200	16.90	9.96	101.3
1718	08/11/97	1300	17.85	9.96	103.8
1719	08/11/97	1400	18.74	9.95	105.9
1720	08/11/97	1500	19.54	9.82	107.7
1721	08/11/97	1600	20.16	9.82	107.9
1722	08/11/97	1700	20.39	9.71	108.1
1723	08/11/97	1800	20.37	9.37	107.4
1724	08/11/97	1900	20.09	9.02	104.7
1725	08/11/97	2000	19.42	8.70	100.3
1726	08/11/97	2100	18.95	8.50	95.4
1727	08/11/97	2200	18.47	8.40	92.4
1728	08/11/97	2300	18.06	8.39	90.3
1729	08/12/97	0	17.74	8.37	89.5
1730	08/12/97	100	17.50	8.37	89.7
1731	08/12/97	200	17.18	8.38	88.4
1732	08/12/97	300	16.82	8.43	88.3
1733	08/12/97	400	16.48	8.50	88.5
1734	08/12/97	500	16.16	8.58	88.6
1735	08/12/97	600	15.89	8.64	88.7
1736	08/12/97	700	15.68	8.69	88.7
1737	08/12/97	800	15.59	8.78	89.1
1738	08/12/97	900	15.57	8.98	89.1
1739	08/12/97	1000	15.57	9.17	91.0
1740	08/12/97	1100	15.57	9.27	92.9
1741	08/12/97	1200	15.52	9.38	93.9
1742	08/12/97	1300	15.59	9.50	94.9
1743	08/12/97	1400	15.81	9.73	96.2
1744	08/12/97	1500	16.15	9.85	98.0
1745	08/12/97	1600	16.26	9.84	101.0
1746	08/12/97	1700	16.33	9.79	101.1
1747	08/12/97	1800	16.41	9.74	100.8
1748	08/12/97	1900	16.36	9.53	100.5
1749	08/12/97	2000	16.45	9.53	98.1
1750	08/12/97	2100	16.45	9.53	98.1
1751	08/12/97	2200	16.45	9.53	98.1
1752	08/12/97	2300	16.45	9.53	98.1

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1749	08/12/97	2000	16.30	9.24	95.1
1750	08/12/97	2100	16.20	9.03	92.7
1751	08/12/97	2200	15.04	8.91	91.2
1752	08/12/97	2300	15.93	8.84	90.3
1753	08/13/97	0	15.81	8.82	89.8
1754	08/13/97	100	15.68	8.79	89.2
1755	08/13/97	200	15.44	8.80	88.9
1756	08/13/97	300	15.19	8.84	88.9
1757	08/13/97	400	14.94	8.87	88.6
1758	08/13/97	500	14.66	8.90	88.4
1759	08/13/97	600	14.34	8.96	88.4
1760	08/13/97	700	14.07	9.09	89.1
1761	08/13/97	800	14.00	9.24	91.5
1762	08/13/97	900	14.19	9.58	94.2
1763	08/13/97	1000	14.69	9.76	97.0
1764	08/13/97	1100	15.49	9.93	100.4
1765	08/13/97	1200	16.11	10.02	102.6
1766	08/13/97	1300	16.87	10.02	104.3
1767	08/13/97	1400	17.65	9.84	105.1
1768	08/13/97	1500	18.49	9.80	106.6
1769	08/13/97	1600	19.12	9.80	106.9
1770	08/13/97	1700	19.48	9.63	105.8
1771	08/13/97	1800	19.35	9.43	103.3
1772	08/13/97	1900	18.78	9.12	98.8
1773	08/13/97	2000	18.13	8.80	94.0
1774	08/13/97	2100	17.58	8.62	91.1
1775	08/13/97	2200	17.06	8.55	89.5
1776	08/13/97	2300	16.58	8.57	88.6
1777	08/14/97	0	16.11	8.83	88.6
1778	08/14/97	100	15.68	8.69	88.2
1779	08/14/97	200	15.24	8.75	88.0
1780	08/14/97	300	14.79	8.82	87.8
1781	08/14/97	400	14.32	8.92	87.9
1782	08/14/97	500	13.84	9.03	88.1
1783	08/14/97	600	13.38	9.13	88.2
1784	08/14/97	700	12.88	9.22	88.2
1785	08/14/97	800	12.85	9.60	89.7
1786	08/14/97	900	13.03	9.90	91.7
1787	08/14/97	1000	13.37	10.12	94.9
1788	08/14/97	1100	13.73	10.24	97.7
1789	08/14/97	1200	14.14	10.35	99.7
1790	08/14/97	1300	14.42	10.22	101.7
1791	08/14/97	1400	14.71	10.21	101.0
1792	08/14/97	1500	15.19	10.25	101.5
1793	08/14/97	1600	15.32	9.82	103.0
1794	08/14/97	1700	15.30	9.63	99.3
1795	08/14/97	1800	15.28	9.45	97.4
1796	08/14/97	1900	15.28	9.21	95.5
1797	08/14/97	2000	15.20	9.01	93.1
1798	08/14/97	2100	15.07	8.86	90.9
1799	08/14/97	2200	14.97	8.77	89.2
1800	08/14/97	2300	14.88	8.73	88.0
1801	08/15/97	0	14.82	8.66	87.5
1802	08/15/97	100	14.77	8.66	86.8
1803	08/15/97	200	14.73	8.61	86.0
1804	08/15/97	300	14.70	8.62	86.1
1805	08/15/97	400	14.65	8.62	85.8
1806	08/15/97	500	14.62	8.59	85.6
1807	08/15/97	600	14.57	8.62	85.6
1808	08/15/97	700	14.55	8.65	85.2
1809	08/15/97	800	14.68	8.77	85.2
1810	08/15/97	900	14.68	8.89	87.3
1811	08/15/97	1000	14.95	9.08	88.3
1812	08/15/97	1100	15.38	9.29	91.2
1813	08/15/97	1200	15.75	9.37	94.1
1814	08/15/97	1300	16.58	9.42	95.7
1815	08/15/97	1400	17.51	9.40	97.9
1816	08/15/97	1500	18.25	9.32	99.6
1817	08/15/97	1600	18.62	9.15	100.2
1818	08/15/97	1700	18.62	8.95	98.2
1819	08/15/97	1800	18.74	8.90	98.3
1820	08/15/97	1900	18.96	8.57	97.1
1821	08/15/97	2000	18.79	8.35	93.2
1822	08/15/97	2100	18.60	8.17	90.5
1823	08/15/97	2200	18.36	8.04	88.1
1824	08/15/97	2300	18.26	7.95	86.5
1824	08/15/97		18.17		85.4

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1825	08/16/97	0	18.02	7.98	85.5
1826	08/16/97	100	17.87	7.96	85.0
1827	08/16/97	200	17.62	7.96	84.6
1828	08/16/97	300	17.36	7.95	83.9
1829	08/16/97	400	17.12	7.95	83.5
1830	08/16/97	500	16.93	7.96	83.3
1831	08/16/97	600	16.85	7.99	83.5
1832	08/16/97	700	16.76	8.05	84.0
1833	08/16/97	800	16.71	8.14	84.8
1834	08/16/97	900	16.80	8.27	86.3
1835	08/16/97	1000	17.05	8.45	88.7
1836	08/16/97	1100	17.25	8.56	90.2
1837	08/16/97	1200	17.41	8.65	91.4
1838	08/16/97	1300	17.56	8.80	94.0
1839	08/16/97	1400	18.05	8.73	93.6
1840	08/16/97	1500	18.50	8.72	94.2
1841	08/16/97	1600	18.85	8.67	94.4
1842	08/16/97	1700	18.94	8.54	93.1
1843	08/16/97	1800	18.83	8.38	90.9
1844	08/16/97	1900	18.69	8.24	89.4
1845	08/16/97	2000	18.36	8.09	87.2
1846	08/16/97	2100	18.04	7.97	85.4
1847	08/16/97	2200	17.75	7.91	84.2
1848	08/16/97	2300	17.44	7.95	84.1
1849	08/17/97	0	17.20	7.99	84.1
1850	08/17/97	100	16.93	8.03	84.0
1851	08/17/97	200	16.70	8.09	84.2
1852	08/17/97	300	16.48	8.16	84.6
1853	08/17/97	400	16.27	8.20	84.7
1854	08/17/97	500	16.07	8.24	84.7
1855	08/17/97	600	15.92	8.28	84.9
1856	08/17/97	700	15.77	8.34	85.2
1857	08/17/97	800	15.64	8.37	85.2
1858	08/17/97	900	15.50	8.47	85.9
1859	08/17/97	1000	15.37	8.68	86.6
1860	08/17/97	1100	15.28	8.59	86.8
1861	08/17/97	1200	15.27	8.74	88.2
1862	08/17/97	1300	15.33	8.85	88.5
1863	08/17/97	1400	15.40	8.85	90.5
1864	08/17/97	1500	15.55	8.93	90.5
1865	08/17/97	1600	15.85	9.00	91.5
1866	08/17/97	1700	15.94	9.14	93.5
1867	08/17/97	1800	15.97	9.12	93.4
1868	08/17/97	1900	15.90	9.08	93.1
1869	08/17/97	2000	15.87	8.87	90.8
1870	08/17/97	2100	15.75	8.78	89.1
1871	08/17/97	2200	15.48	8.74	88.2
1872	08/17/97	2300	15.27	8.74	88.2
1873	08/18/97	0	15.02	8.73	87.7
1874	08/18/97	100	14.72	8.76	87.4
1875	08/18/97	200	14.38	8.78	87.0
1876	08/18/97	300	14.03	8.84	86.9
1877	08/18/97	400	13.70	8.86	86.5
1878	08/18/97	500	13.39	8.93	86.6
1879	08/18/97	600	13.07	8.98	86.4
1880	08/18/97	700	12.79	9.05	86.6
1881	08/18/97	800	12.54	9.15	86.6
1882	08/18/97	900	12.43	9.27	87.1
1883	08/18/97	1000	12.58	9.41	88.0
1884	08/18/97	1100	12.99	9.58	89.6
1885	08/18/97	1200	13.60	9.67	92.1
1886	08/18/97	1300	14.37	9.77	94.3
1887	08/18/97	1400	15.20	9.75	96.8
1888	08/18/97	1500	14.83	9.76	98.3
1889	08/18/97	1600	15.72	9.77	97.7
1890	08/18/97	1700	16.04	9.64	99.7
1891	08/18/97	1800	16.44	9.52	99.0
1892	08/18/97	1900	16.16	9.45	98.6
1893	08/18/97	2000	16.22	9.45	97.3
1894	08/18/97	2100	16.11	8.94	95.1
1895	08/18/97	2200	15.95	8.77	91.9
1896	08/18/97	2300	15.50	8.71	89.9
1897	08/19/97	0	15.15	8.71	88.4
1898	08/19/97	100	15.03	8.72	87.8
1899	08/19/97	200	15.00	8.64	87.1
1900	08/19/97	300	14.83	8.64	86.8
1900	08/19/97	300	14.62	8.69	86.6

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1901	08/19/97	400	14.42	8.68	86.1
1902	08/19/97	500	14.25	8.72	86.2
1903	08/19/97	600	14.12	8.76	86.3
1904	08/19/97	700	14.02	8.79	86.4
1905	08/19/97	800	14.02	8.83	87.8
1906	08/19/97	900	14.12	9.13	90.0
1907	08/19/97	1000	14.53	9.38	93.3
1908	08/19/97	1100	15.10	9.54	96.0
1909	08/19/97	1200	15.80	9.64	98.5
1910	08/19/97	1300	16.46	9.70	100.5
1911	08/19/97	1400	16.78	9.81	100.3
1912	08/19/97	1500	17.05	9.82	99.8
1913	08/19/97	1600	17.05	9.23	97.9
1914	08/19/97	1700	17.00	9.20	96.4
1915	08/19/97	1800	16.83	8.99	93.9
1916	08/19/97	1900	16.71	8.79	91.6
1917	08/19/97	2000	16.54	8.60	89.3
1918	08/19/97	2100	16.39	8.47	87.7
1919	08/19/97	2200	16.26	8.36	86.2
1920	08/19/97	2300	16.06	8.34	85.7
1921	08/20/97	0	15.87	8.33	85.2
1922	08/20/97	100	15.67	8.34	85.0
1923	08/20/97	200	15.50	8.34	84.7
1924	08/20/97	300	15.37	8.35	84.5
1925	08/20/97	400	15.22	8.37	84.4
1926	08/20/97	500	15.08	8.37	84.2
1927	08/20/97	600	14.97	8.38	84.1
1928	08/20/97	700	14.88	8.43	84.4
1929	08/20/97	800	14.82	8.49	84.9
1930	08/20/97	900	14.73	8.54	85.3
1931	08/20/97	1000	14.73	8.77	87.6
1932	08/20/97	1100	14.67	8.83	88.1
1933	08/20/97	1200	14.60	8.84	88.0
1934	08/20/97	1300	14.60	9.03	89.9
1935	08/20/97	1400	14.63	9.16	91.3
1936	08/20/97	1500	14.63	9.21	91.8
1937	08/20/97	1600	14.68	9.21	91.8
1938	08/20/97	1700	14.73	9.15	91.4
1939	08/20/97	1800	14.67	9.06	90.4
1940	08/20/97	1900	14.58	8.98	89.4
1941	08/20/97	2000	14.45	8.87	88.1
1942	08/20/97	2100	14.35	8.77	86.8
1943	08/20/97	2200	14.23	8.74	86.3
1944	08/20/97	2300	14.13	8.70	85.8
1945	08/21/97	0	14.00	8.71	85.6
1946	08/21/97	100	13.88	8.71	85.4
1947	08/21/97	200	13.80	8.70	85.1
1948	08/21/97	300	13.72	8.69	84.9
1949	08/21/97	400	13.62	8.72	85.0
1950	08/21/97	500	13.54	8.72	84.9
1951	08/21/97	600	13.44	8.72	84.7
1952	08/21/97	700	13.37	8.76	84.8
1953	08/21/97	800	13.32	8.84	85.6
1954	08/21/97	900	13.35	8.98	87.0
1955	08/21/97	1000	13.42	9.11	88.4
1956	08/21/97	1100	13.55	9.28	90.3
1957	08/21/97	1200	13.85	9.44	92.5
1958	08/21/97	1300	14.17	9.57	94.4
1959	08/21/97	1400	14.25	9.55	94.4
1960	08/21/97	1500	14.42	9.47	92.4
1961	08/21/97	1600	14.55	9.42	93.9
1962	08/21/97	1700	14.72	9.42	93.7
1963	08/21/97	1800	14.85	9.36	94.0
1964	08/21/97	1900	14.80	9.21	93.7
1965	08/21/97	2000	14.70	8.97	92.1
1966	08/21/97	2100	14.52	8.82	89.5
1967	08/21/97	2200	14.35	8.77	87.7
1968	08/21/97	2300	14.18	8.70	86.5
1969	08/22/97	0	14.00	8.66	85.8
1970	08/22/97	100	13.78	8.68	84.9
1971	08/22/97	200	13.55	8.69	84.5
1972	08/22/97	300	13.32	8.70	84.2
1973	08/22/97	400	13.14	8.72	84.1
1974	08/22/97	500	13.01	8.76	84.2
1975	08/22/97	600	12.89	8.78	84.1
1976	08/22/97	700	12.79	8.82	84.4

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
1977	08/22/97	800	12.77	8.93	85.5
1978	08/22/97	900	12.96	9.09	87.3
1979	08/22/97	1000	13.39	9.29	91.1
1980	08/22/97	1100	13.97	9.56	93.8
1981	08/22/97	1200	14.42	9.57	94.9
1982	08/22/97	1300	15.17	9.46	95.3
1983	08/22/97	1400	15.59	9.38	95.4
1984	08/22/97	1500	16.29	9.29	95.9
1985	08/22/97	1600	16.97	9.29	98.4
1986	08/22/97	1700	17.24	9.27	97.6
1987	08/22/97	1800	17.37	8.96	94.6
1988	08/22/97	1900	17.12	8.67	91.1
1989	08/22/97	2000	16.86	8.39	87.7
1990	08/22/97	2100	16.49	8.24	85.4
1991	08/22/97	2200	16.14	8.16	84.0
1992	08/22/97	2300	15.94	8.12	83.2
1993	08/23/97	0	15.72	8.11	82.7
1994	08/23/97	100	15.37	8.11	82.1
1995	08/23/97	200	14.98	8.17	82.0
1996	08/23/97	300	14.68	8.21	81.7
1997	08/23/97	400	14.15	8.28	81.6
1998	08/23/97	500	13.80	8.34	81.6
1999	08/23/97	600	13.52	8.40	81.7
2000	08/23/97	700	13.30	8.52	82.4
2001	08/23/97	800	13.19	8.65	83.5
2002	08/23/97	900	13.32	8.89	86.0
2003	08/23/97	1000	13.82	9.33	91.4
2004	08/23/97	1100	14.42	9.37	93.0
2005	08/23/97	1200	15.05	9.60	95.5
2006	08/23/97	1300	15.48	9.58	97.2
2007	08/23/97	1400	15.72	9.56	97.5
2008	08/23/97	1500	15.80	9.22	94.2
2009	08/23/97	1600	15.84	9.12	93.2
2010	08/23/97	1700	15.79	8.86	90.5
2011	08/23/97	1800	15.70	8.62	87.8
2012	08/23/97	1900	15.67	8.42	85.8
2013	08/23/97	2000	15.64	8.24	83.9
2014	08/23/97	2100	15.57	8.14	82.8
2015	08/23/97	2200	15.43	8.09	82.1
2016	08/23/97	2300	15.25	8.06	81.4
2017	08/24/97	0	15.07	8.07	81.2
2018	08/24/97	100	14.85	8.06	80.7
2019	08/24/97	200	14.70	8.09	80.7
2020	08/24/97	300	14.58	8.07	80.3
2021	08/24/97	400	14.50	8.09	80.4
2022	08/24/97	500	14.43	8.06	80.0
2023	08/24/97	600	14.37	8.09	80.2
2024	08/24/97	700	14.33	8.19	81.0
2025	08/24/97	800	14.35	8.41	83.3
2026	08/24/97	900	14.40	8.62	85.5
2027	08/24/97	1000	14.68	9.17	91.5
2028	08/24/97	1100	15.08	9.30	93.6
2029	08/24/97	1200	15.52	9.77	94.1
2030	08/24/97	1300	15.77	9.39	95.9
2031	08/24/97	1400	16.24	9.41	97.1
2032	08/24/97	1500	16.71	9.41	98.1
2033	08/24/97	1600	17.10	9.22	96.8
2034	08/24/97	1700	17.51	9.12	96.6
2035	08/24/97	1800	17.44	8.75	92.5
2036	08/24/97	1900	17.28	8.32	87.7
2037	08/24/97	2000	17.02	7.95	83.4
2038	08/24/97	2100	16.73	7.79	81.2
2039	08/24/97	2200	16.41	7.69	79.6
2040	08/24/97	2300	16.12	7.67	78.9
2041	08/25/97	0	15.82	7.65	78.2
2042	08/25/97	100	15.48	7.66	77.8
2043	08/25/97	200	15.15	7.70	77.6
2044	08/25/97	300	14.78	7.78	77.8
2045	08/25/97	400	14.43	7.80	77.4
2046	08/25/97	500	14.08	7.91	77.9
2047	08/25/97	600	13.72	8.00	78.1
2048	08/25/97	700	13.42	8.26	82.8
2049	08/25/97	800	13.29	8.56	85.8
2050	08/25/97	900	13.52	9.03	87.9
2051	08/25/97	1000	13.87	9.50	93.1
2052	08/25/97	1100	14.45	9.67	96.0

BRULE 1997 GAUGING STATION DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2053	08/25/97	1200	15.20	9.77	98.5
2054	08/25/97	1300	16.00	9.76	100.2
2055	08/25/97	1400	16.71	9.43	98.3
2056	08/25/97	1500	17.25	9.51	100.2
2057	08/25/97	1600	17.24	8.74	92.1
2058	08/25/97	1700	17.17	8.68	91.3
2059	08/25/97	1800	17.15	8.58	90.2
2060	08/25/97	1900	17.03	8.24	86.5
2061	08/25/97	2000	16.85	7.89	82.5
2062	08/25/97	2100	16.68	7.70	80.1
2063	08/25/97	2200	16.58	7.63	79.3
2064	08/25/97	2300	16.45	7.54	78.1
2065	08/26/97	0	16.29	7.48	77.2
2066	08/26/97	100	16.09	7.52	77.3
2067	08/26/97	200	15.90	7.50	76.8
2068	08/26/97	300	15.70	7.50	76.4
2069	08/26/97	400	15.53	7.56	76.8
2070	08/26/97	500	15.45	7.51	76.2
2071	08/26/97	600	15.38	7.54	76.4
2072	08/26/97	700	15.33	7.54	76.3
2073	08/26/97	800	15.38	7.53	76.3
2074	08/26/97	900	15.63	8.18	80.3
2075	08/26/97	1000	15.69	8.40	85.7
2076	08/26/97	1100	15.82	8.50	86.9
2077	08/26/97	1200	16.14	8.85	91.1
2078	08/26/97	1300	16.48	9.21	95.5
2079	08/26/97	1400	16.76	9.21	92.4
2080	08/26/97	1500	17.70	8.22	86.0
2081	08/26/97	1600	18.38	8.85	93.8
2082	08/26/97	1700	18.65	8.64	92.8
2083	08/26/97	1800	18.40	8.60	92.6
2084	08/26/97	1900	18.45	8.58	86.6
2085	08/26/97	2000	18.26	8.05	83.9
2086	08/26/97	2100	18.04	7.84	82.2
2087	08/26/97	2200	17.83	7.71	81.0
2088	08/26/97	2300	17.65	7.62	79.7
2089	08/27/97	0	17.44	7.83	79.7
2090	08/27/97	100	17.25	7.91	79.1
2091	08/27/97	200	17.02	7.53	79.0
2092	08/27/97	300	16.71	7.55	78.7
2093	08/27/97	400	16.39	7.58	78.5
2094	08/27/97	500	16.06	7.64	78.5
2095	08/27/97	600	15.77	7.69	78.6
2096	08/27/97	700	15.48	7.85	79.7
2097	08/27/97	800	15.37	8.07	81.7
2098	08/27/97	900	15.47	8.37	84.9
2099	08/27/97	1000	15.92	8.89	91.1
2100	08/27/97	1100	16.70	9.09	94.7
2101	08/27/97	1200	17.51	9.21	97.6
2102	08/27/97	1300	18.38	9.23	99.6
2103	08/27/97	1400	19.21	8.85	97.0
2104	08/27/97	1500	19.66	10.18	112.6
2105	08/27/97	1600	20.25	10.01	112.6
2106	08/27/97	1700	20.43	9.82	110.8
2107	08/27/97	1800	20.19	9.57	107.5
2108	08/27/97	1900	19.76	9.21	102.5
2109	08/27/97	2000	19.34	8.84	97.6
2110	08/27/97	2100	18.96	8.65	94.8
2111	08/27/97	2200	18.65	8.57	93.3
2112	08/27/97	2300	18.36	8.50	92.0
2113	08/28/97	0	18.06	8.80	91.4
2114	08/28/97	100	17.77	8.51	81.0
2115	08/28/97	200	17.37	8.88	91.0
2116	08/28/97	300	16.97	8.62	90.6
2117	08/28/97	400	16.55	8.70	90.7
2118	08/28/97	500	16.17	8.76	90.6
2119	08/28/97	600	15.80	8.84	90.7
2120	08/28/97	700	15.55	8.93	91.7
2121	08/28/97	800	15.53	9.18	93.6
2122	08/28/97	900	15.68	9.46	96.6
2123	08/28/97	1000	15.88	9.88	99.0
2124	08/28/97	1100	15.88	9.87	101.5
2125	08/28/97	1200	16.10	10.05	103.8
2126	08/28/97	1300	16.35	10.15	105.3
2127	08/28/97	1400	16.53	10.27	107.1
2128	08/28/97	1500	16.66	10.27	107.3

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2129	08/28/97	1600	16.72	10.23	107.0
2130	08/28/97	1700	16.71	10.15	106.2
2131	08/28/97	1800	16.67	10.03	104.8
2132	08/28/97	1900	16.60	9.82	102.5
2133	08/28/97	2000	16.41	9.50	98.7
2134	08/28/97	2100	16.20	9.31	96.3
2135	08/28/97	2200	15.90	9.21	94.7
2136	08/28/97	2300	15.62	9.18	93.8
2137	08/29/97	0	15.30	9.16	93.0
2138	08/29/97	100	14.98	9.19	92.7
2139	08/29/97	200	14.66	9.21	92.2
2140	08/29/97	300	14.37	9.26	92.1
2141	08/29/97	400	14.07	9.31	92.1
2142	08/29/97	500	13.77	9.37	92.0
2143	08/29/97	600	13.47	9.42	91.9
2144	08/29/97	700	13.21	9.55	92.6
2145	08/29/97	800	13.17	9.82	95.2
2146	08/29/97	900	13.31	10.10	98.2
2147	08/29/97	1000	13.55	10.40	101.6
2148	08/29/97	1100	13.98	10.63	104.9
2149	08/29/97	1200	14.33	10.70	106.3
2150	08/29/97	1300	14.68	10.76	106.3
2151	08/29/97	1400	14.95	10.78	107.7
2152	08/29/97	1500	15.16	10.74	108.6
2153	08/29/97	1600	15.43	10.68	108.7
2154	08/29/97	1700	15.60	10.57	108.0
2155	08/29/97	1800	15.78	10.47	107.3
2156	08/29/97	1900	15.68	10.16	103.9
2157	08/29/97	2000	15.41	9.78	98.5
2158	08/29/97	2100	15.15	9.54	96.5
2159	08/29/97	2200	14.86	9.41	94.6
2160	08/29/97	2300	14.51	9.39	93.9
2161	08/30/97	0	14.37	9.35	93.0
2162	08/30/97	100	14.17	9.35	92.7
2163	08/30/97	200	14.00	9.33	92.2
2164	08/30/97	300	13.82	9.36	91.8
2165	08/30/97	400	13.64	9.38	91.8
2166	08/30/97	500	13.52	9.34	92.0
2167	08/30/97	600	13.42	9.43	92.5
2168	08/30/97	700	13.35	9.46	92.8
2169	08/30/97	800	13.31	9.53	93.3
2170	08/30/97	900	13.27	9.55	92.6
2171	08/30/97	1000	13.22	9.55	92.8
2172	08/30/97	1100	13.22	9.65	93.6
2173	08/30/97	1200	13.24	9.73	94.3
2174	08/30/97	1300	13.26	9.79	95.1
2175	08/30/97	1400	13.31	9.84	95.7
2176	08/30/97	1500	13.34	9.76	94.9
2177	08/30/97	1600	13.37	9.76	95.3
2178	08/30/97	1700	13.49	9.85	96.1
2179	08/30/97	1800	13.59	9.85	96.3
2180	08/30/97	1900	13.59	9.76	95.5
2181	08/30/97	2000	13.55	9.65	94.3
2182	08/30/97	2100	13.50	9.59	93.6
2183	08/30/97	2200	13.52	9.54	93.1
2184	08/30/97	2300	13.54	9.48	92.6
2185	08/31/97	0	13.55	9.46	92.4
2186	08/31/97	100	13.55	9.42	92.0
2187	08/31/97	200	13.54	9.42	92.0
2188	08/31/97	300	13.50	9.38	91.6
2189	08/31/97	400	13.44	9.37	91.4
2190	08/31/97	500	13.37	9.40	91.4
2191	08/31/97	600	13.27	9.41	91.3
2192	08/31/97	700	13.24	9.44	91.3
2193	08/31/97	800	13.27	9.44	91.6
2194	08/31/97	900	13.26	9.45	91.8
2195	08/31/97	1000	13.47	9.56	93.0
2196	08/31/97	1100	13.62	9.63	94.0
2197	08/31/97	1200	13.80	9.75	94.7
2198	08/31/97	1300	14.28	9.88	95.8
2199	08/31/97	1400	14.95	9.92	96.0
2200	08/31/97	1500	15.63	9.99	99.9
2201	08/31/97	1600	16.13	9.85	101.5
2202	08/31/97	1700	16.52	9.77	101.8
2203	08/31/97	1800	16.40	9.63	99.1
2204	08/31/97	1900	16.44	9.34	97.1



OBS	DATE	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2205	08/31/97	16.28	9.19	95.5
2206	08/31/97	16.28	9.10	94.3
2207	08/31/97	16.15	9.05	93.5
2208	08/31/97	16.00	8.99	92.6
2209	09/01/97	15.82	8.96	92.0
2210	09/01/97	15.63	8.97	91.7
2211	09/01/97	15.48	8.94	91.1
2212	09/01/97	15.35	8.96	91.0
2213	09/01/97	15.26	9.01	91.3
2214	09/01/97	15.21	8.98	90.9
2215	09/01/97	15.18	9.02	91.3
2216	09/01/97	15.13	9.02	91.2
2217	09/01/97	15.13	9.13	92.3
2218	09/01/97	15.21	9.24	93.6
2219	09/01/97	15.46	9.38	95.5
2220	09/01/97	16.32	9.51	97.6
2221	09/01/97	16.35	9.64	100.1
2222	09/01/97	17.05	9.69	102.0
2223	09/01/97	17.72	9.65	103.0
2224	09/01/97	18.23	9.64	104.0
2225	09/01/97	18.62	9.67	104.1
2226	09/01/97	18.71	9.40	102.5
2227	09/01/97	18.62	9.12	99.2
2228	09/01/97	18.57	8.92	97.0
2229	09/01/97	18.47	8.74	94.8
2230	09/01/97	18.31	8.64	93.4
2231	09/01/97	18.19	8.66	92.3
2232	09/01/97	18.04	8.54	91.8
2233	09/02/97	17.89	8.50	91.0
2234	09/02/97	17.68	8.49	90.6
2235	09/02/97	17.43	8.51	90.4
2236	09/02/97	17.25	8.56	90.5
2237	09/02/97	17.11	8.58	90.5
2238	09/02/97	16.89	8.61	90.4
2239	09/02/97	16.63	8.67	90.5
2240	09/02/97	16.37	8.73	90.6
2241	09/02/97	16.17	8.87	91.7
2242	09/02/97	16.10	9.03	93.2
2243	09/02/97	16.33	9.31	96.6
2244	09/02/97	16.42	9.46	98.3
2245	09/02/97	16.82	9.55	100.1
2246	09/02/97	17.22	9.73	102.8
2247	09/02/97	17.38	9.67	102.6
2248	09/02/97	17.75	9.77	104.4
2249	09/02/97	17.87	9.74	104.3
2250	09/02/97	17.89	9.69	103.8
2251	09/02/97	17.73	9.55	102.0
2252	09/02/97	17.31	9.44	100.0
2253	09/02/97	16.99	9.25	97.2
2254	09/02/97	16.72	9.12	95.4
2255	09/02/97	16.42	9.08	94.4
2256	09/02/97	16.05	8.07	83.6
2257	09/03/97	15.65	8.13	93.3
2258	09/03/97	15.20	8.17	92.9
2259	09/03/97	14.78	8.24	92.8
2260	09/03/97	14.42	8.29	92.5
2261	09/03/97	14.05	8.38	92.7
2262	09/03/97	13.69	9.47	92.8
2263	09/03/97	13.34	9.53	92.7
2264	09/03/97	13.01	8.66	93.3
2265	09/03/97	12.83	8.80	94.3
2266	09/03/97	12.86	8.99	96.1
2267	09/03/97	13.14	10.25	99.3
2268	09/03/97	13.62	10.41	101.9
2269	09/03/97	14.22	10.53	104.4
2270	09/03/97	14.93	10.58	106.5
2271	09/03/97	15.63	10.48	107.1
2272	09/03/97	16.20	10.63	108.9
2273	09/03/97	16.61	10.45	109.0
2274	09/03/97	16.73	10.29	107.7
2275	09/03/97	16.60	10.07	105.1
2276	09/03/97	16.28	9.77	101.3
2277	09/03/97	15.92	9.55	98.2
2278	09/03/97	15.58	9.42	96.2
2279	09/03/97	15.25	9.34	94.7
2280	09/03/97	14.90	9.32	93.7

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2281	09/04/97	0	14.52	9.36	93.4
2282	09/04/97	100	14.08	9.37	92.6
2283	09/04/97	200	13.62	9.36	91.6
2284	09/04/97	300	13.16	9.44	91.5
2285	09/04/97	400	12.78	9.49	91.4
2286	09/04/97	500	12.45	9.58	91.6
2287	09/04/97	600	12.14	9.79	92.1
2288	09/04/97	700	11.91	9.98	93.7
2289	09/04/97	800	11.79	10.18	95.8
2290	09/04/97	900	11.89	10.48	99.4
2291	09/04/97	1000	12.22	10.70	102.7
2292	09/04/97	1100	12.75	10.75	104.9
2293	09/04/97	1200	13.47	10.77	106.9
2294	09/04/97	1300	14.26	10.51	106.2
2295	09/04/97	1400	15.08	10.56	108.2
2296	09/04/97	1500	15.75	10.50	108.8
2297	09/04/97	1600	16.23	10.33	107.4
2298	09/04/97	1700	16.41	10.05	104.3
2299	09/04/97	1800	16.30	9.60	88.2
2300	09/04/97	1900	15.98	9.35	86.7
2301	09/04/97	2000	15.70	9.21	83.8
2302	09/04/97	2100	15.41	9.12	82.3
2303	09/04/97	2200	15.16	9.05	81.1
2304	09/04/97	2300	14.88	9.09	80.8
2305	09/05/97	0	14.58	9.09	80.1
2306	09/05/97	100	14.22	9.16	80.1
2307	09/05/97	200	13.85	8.21	82.9
2308	09/05/97	300	13.64	8.27	83.8
2309	09/05/97	400	13.17	8.33	85.9
2310	09/05/97	500	12.94	9.37	90.0
2311	09/05/97	600	12.78	9.38	89.9
2312	09/05/97	700	12.70	9.49	90.9
2313	09/05/97	800	12.68	9.66	92.7
2314	09/05/97	900	12.73	9.73	93.5
2315	09/05/97	1000	12.79	9.80	94.2
2316	09/05/97	1100	12.88	10.01	96.6
2317	09/05/97	1200	12.99	10.29	99.8
2318	09/05/97	1300	13.22	10.30	100.6
2319	09/05/97	1400	13.50	10.39	102.1
2320	09/05/97	1500	13.80	10.37	102.5
2321	09/05/97	1600	14.03	10.30	101.9
2322	09/05/97	1700	14.13	10.07	99.6
2323	09/05/97	1800	14.13	9.79	96.9
2324	09/05/97	1900	14.13	9.57	94.7
2325	09/05/97	2000	14.10	9.41	92.8
2326	09/05/97	2100	14.00	9.32	91.8
2327	09/05/97	2200	13.87	9.25	90.8
2328	09/05/97	2300	13.77	9.19	89.1
2329	09/06/97	0	13.70	9.16	89.9
2330	09/06/97	100	13.75	9.09	89.3
2331	09/06/97	200	13.79	8.08	88.9
2332	09/06/97	300	13.67	8.12	88.1
2333	09/06/97	400	13.54	8.10	88.1
2334	09/06/97	500	13.46	8.11	88.7
2335	09/06/97	600	13.37	8.15	88.9
2336	09/06/97	700	13.31	8.34	90.8
2337	09/06/97	800	13.32	9.58	93.6
2338	09/06/97	900	13.55	10.06	98.2
2339	09/06/97	1000	13.97	10.24	99.9
2340	09/06/97	1100	14.40	10.11	101.1
2341	09/06/97	1200	14.63	10.13	102.5
2342	09/06/97	1300	14.78	10.11	102.5
2343	09/06/97	1400	15.13	9.95	101.4
2344	09/06/97	1500	15.30	9.70	99.0
2345	09/06/97	1600	15.51	8.37	85.4
2346	09/06/97	1700	15.58	8.12	81.6
2347	09/06/97	1800	15.45	8.98	90.7
2348	09/06/97	1900	15.45	8.93	89.9
2349	09/06/97	2000	15.31	8.87	89.2
2350	09/06/97	2100	15.18	8.89	89.2
2351	09/06/97	2200	14.95	8.86	88.6
2352	09/06/97	2300	14.85	8.89	88.6
2353	09/07/97	0	14.85	8.89	88.6
2354	09/07/97	100	14.73	8.86	88.6
2355	09/07/97	200	14.61	8.86	88.6
2356	09/07/97	300	14.50	8.89	88.7

OBS	DATE	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2357	09/07/97	14.37	8.98	89.3
2358	09/07/97	14.25	8.99	89.2
2359	09/07/97	14.13	8.99	89.0
2360	09/07/97	14.05	9.07	89.6
2361	09/07/97	14.00	9.24	91.2
2362	09/07/97	14.03	9.53	94.1
2363	09/07/97	14.12	9.87	97.7
2364	09/07/97	14.27	10.02	99.5
2365	09/07/97	14.40	10.03	99.9
2366	09/07/97	14.50	10.31	102.9
2367	09/07/97	14.85	10.62	106.8
2368	09/07/97	15.18	10.55	106.8
2369	09/07/97	15.33	10.54	107.1
2370	09/07/97	15.36	10.44	106.1
2371	09/07/97	15.36	10.05	102.2
2372	09/07/97	15.31	9.64	97.9
2373	09/07/97	15.18	9.30	94.2
2374	09/07/97	15.06	9.18	92.7
2375	09/07/97	14.95	9.03	91.0
2376	09/07/97	14.81	8.98	90.2
2377	09/07/97	14.88	8.98	90.0
2378	09/08/97	14.60	8.93	89.3
2379	09/08/97	14.60	8.95	89.3
2380	09/08/97	14.33	8.92	88.7
2381	09/08/97	14.22	8.96	88.8
2382	09/08/97	14.12	8.94	88.5
2383	09/08/97	14.03	9.01	89.0
2384	09/08/97	13.97	9.04	89.2
2385	09/08/97	13.95	9.18	90.5
2386	09/08/97	14.00	9.42	92.9
2387	09/08/97	14.08	9.69	95.8
2388	09/08/97	14.27	9.88	98.1
2389	09/08/97	14.43	10.04	100.0
2390	09/08/97	14.52	10.05	100.3
2391	09/08/97	14.81	10.35	103.9
2392	09/08/97	14.98	10.26	103.4
2393	09/08/97	15.16	10.19	103.1
2394	09/08/97	15.23	10.04	101.8
2395	09/08/97	15.18	9.78	99.0
2396	09/08/97	15.08	9.45	95.5
2397	09/08/97	15.00	9.20	92.8
2398	09/08/97	14.93	9.04	91.0
2399	09/08/97	14.86	8.84	89.9
2400	09/08/97	14.81	8.87	89.1
2401	09/08/97	14.76	8.85	88.8
2402	09/09/97	14.70	8.80	88.2
2403	09/09/97	14.63	8.78	87.9
2404	09/09/97	14.55	8.78	87.7
2405	09/09/97	14.47	8.80	87.6
2406	09/09/97	14.38	8.80	87.7
2407	09/09/97	14.32	8.83	87.7
2408	09/09/97	14.23	8.92	88.5
2409	09/09/97	14.20	8.92	88.5
2410	09/09/97	14.15	8.95	89.6
2411	09/09/97	14.20	9.30	92.2
2412	09/09/97	14.32	9.73	96.7
2413	09/09/97	14.55	9.90	98.8
2414	09/09/97	14.90	10.46	105.2
2415	09/09/97	15.63	10.22	104.5
2416	09/09/97	16.00	10.44	107.5
2417	09/09/97	16.17	10.48	108.3
2418	09/09/97	16.41	9.89	102.8
2419	09/09/97	16.20	9.66	100.0
2420	09/09/97	15.97	9.18	94.5
2421	09/09/97	15.83	9.09	93.4
2422	09/09/97	15.70	8.86	90.7
2423	09/09/97	15.48	8.76	89.3
2424	09/09/97	15.25	8.73	88.6
2425	09/10/97	15.03	8.68	87.6
2426	09/10/97	14.71	8.72	87.5
2427	09/10/97	14.37	8.75	87.0
2428	09/10/97	14.05	8.72	86.2
2429	09/10/97	13.77	8.78	86.2
2430	09/10/97	13.50	8.80	85.9
2431	09/10/97	13.24	8.85	85.9
2432	09/10/97	12.98	8.93	85.8

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2433	09/10/97	800	12.89	9.22	88.8
2434	09/10/97	900	12.96	9.69	93.4
2435	09/10/97	1000	13.22	10.58	102.7
2436	09/10/97	1100	13.69	11.03	108.1
2437	09/10/97	1200	14.20	10.19	101.0
2438	09/10/97	1300	14.76	11.04	110.8
2439	09/10/97	1400	15.28	10.18	103.3
2440	09/10/97	1500	15.63	10.04	102.6
2441	09/10/97	1600	16.05	10.16	104.8
2442	09/10/97	1700	16.02	10.06	103.7
2443	09/10/97	1800	15.78	9.67	99.1
2444	09/10/97	1900	15.51	9.22	94.0
2445	09/10/97	2000	15.25	9.00	91.2
2446	09/10/97	2100	14.88	8.88	89.3
2447	09/10/97	2200	14.58	8.86	88.6
2448	09/10/97	2300	14.32	8.79	87.3
2449	09/11/97	0	14.07	8.76	86.6
2450	09/11/97	100	13.77	8.81	86.5
2451	09/11/97	200	13.47	8.80	86.5
2452	09/11/97	300	13.17	8.84	86.9
2453	09/11/97	400	12.89	8.90	86.7
2454	09/11/97	500	12.68	8.98	86.0
2455	09/11/97	600	12.45	9.01	85.9
2456	09/11/97	700	12.27	9.32	86.6
2457	09/11/97	800	12.19	9.32	86.4
2458	09/11/97	900	12.28	9.84	88.4
2459	09/11/97	1000	12.65	9.84	93.5
2460	09/11/97	1100	13.19	10.29	98.6
2461	09/11/97	1200	13.89	10.00	96.9
2462	09/11/97	1300	14.57	10.78	106.1
2463	09/11/97	1400	15.48	9.58	106.9
2464	09/11/97	1500	15.85	10.24	98.3
2465	09/11/97	1600	16.29	10.09	105.3
2466	09/11/97	1700	16.47	9.93	104.0
2467	09/11/97	1800	16.26	9.71	101.2
2468	09/11/97	1900	15.89	9.46	97.8
2469	09/11/97	2000	15.55	9.19	94.8
2470	09/11/97	2100	15.30	9.07	92.7
2471	09/11/97	2200	15.00	9.00	91.4
2472	09/11/97	2300	14.75	8.98	90.7
2473	09/12/97	0	14.42	8.97	89.9
2474	09/12/97	100	14.07	8.99	89.5
2475	09/12/97	200	13.67	9.04	89.1
2476	09/12/97	300	13.29	9.13	89.3
2477	09/12/97	400	12.90	9.19	89.1
2478	09/12/97	500	12.62	9.26	88.9
2479	09/12/97	600	12.17	9.34	89.1
2480	09/12/97	700	11.86	9.45	89.5
2481	09/12/97	800	11.68	9.61	90.6
2482	09/12/97	900	11.71	9.76	92.2
2483	09/12/97	1000	12.09	9.81	94.3
2484	09/12/97	1100	12.81	10.08	87.5
2485	09/12/97	1200	13.56	10.20	87.5
2486	09/12/97	1300	14.32	10.24	100.3
2487	09/12/97	1400	15.14	10.23	102.4
2488	09/12/97	1500	15.84	10.17	104.2
2489	09/12/97	1600	16.27	10.04	105.1
2490	09/12/97	1700	16.41	9.94	104.0
2491	09/12/97	1800	16.21	9.72	101.3
2492	09/12/97	1900	15.95	9.46	97.8
2493	09/12/97	2000	15.54	9.26	95.1
2494	09/12/97	2100	15.25	9.10	92.9
2495	09/12/97	2200	15.00	8.99	91.3
2496	09/12/97	2300	14.75	8.97	90.6
2497	09/13/97	0	14.49	8.96	90.0
2498	09/13/97	100	14.14	8.90	89.6
2499	09/13/97	200	13.76	8.94	89.4
2500	09/13/97	300	13.34	9.13	89.4
2501	09/13/97	400	12.95	9.18	89.1
2502	09/13/97	500	12.58	9.29	89.4
2503	09/13/97	600	12.25	9.37	89.6
2504	09/13/97	700	11.97	9.47	89.9
2505	09/13/97	800	11.86	9.61	91.1
2506	09/13/97	900	12.01	9.82	93.3
2507	09/13/97	1000	12.37	9.99	95.7
2508	09/13/97	1100	13.13	10.15	98.9

BRULE 1997 GAUGING STATION DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2509	09/13/97	1200	13.74	10.25	101.2
2510	09/13/97	1300	14.27	10.35	103.5
2511	09/13/97	1400	14.90	10.40	105.4
2512	09/13/97	1500	15.34	10.37	106.0
2513	09/13/97	1600	15.59	10.33	106.2
2514	09/13/97	1700	15.67	10.30	105.1
2515	09/13/97	1800	15.60	9.95	102.3
2516	09/13/97	1900	15.49	9.59	98.4
2517	09/13/97	2000	15.44	9.35	95.8
2518	09/13/97	2100	15.40	9.17	93.9
2519	09/13/97	2200	15.39	8.89	91.1
2520	09/13/97	2300	15.35	8.75	89.6
2521	09/14/97	0	15.29	8.75	89.4
2522	09/14/97	100	15.20	8.70	88.7
2523	09/14/97	200	15.09	8.68	88.3
2524	09/14/97	300	15.09	8.70	88.3
2525	09/14/97	400	14.97	8.72	88.3
2526	09/14/97	500	14.77	8.74	88.4
2527	09/14/97	600	14.70	8.81	88.9
2528	09/14/97	700	14.68	8.82	88.9
2529	09/14/97	800	14.67	8.86	89.3
2530	09/14/97	900	14.84	9.09	91.9
2531	09/14/97	1000	15.09	9.31	94.8
2532	09/14/97	1100	15.69	9.45	97.3
2533	09/14/97	1200	16.48	9.48	99.3
2534	09/14/97	1300	17.30	9.63	102.6
2535	09/14/97	1400	18.03	9.60	103.9
2536	09/14/97	1500	18.66	9.60	103.2
2537	09/14/97	1600	19.11	9.81	108.2
2538	09/14/97	1700	19.23	9.32	103.3
2539	09/14/97	1800	19.01	9.08	100.2
2540	09/14/97	1900	18.64	8.76	96.0
2541	09/14/97	2000	18.35	8.50	92.6
2542	09/14/97	2100	18.11	8.34	90.4
2543	09/14/97	2200	17.94	8.23	88.9
2544	09/14/97	2300	17.76	8.16	87.8
2545	09/15/97	0	17.57	8.12	87.0
2546	09/15/97	100	17.35	8.11	86.6
2547	09/15/97	200	17.05	8.14	86.4
2548	09/15/97	300	16.73	8.19	86.3
2549	09/15/97	400	16.43	8.25	86.3
2550	09/15/97	500	16.17	8.26	86.0
2551	09/15/97	600	16.01	8.33	86.5
2552	09/15/97	700	15.85	8.35	86.4
2553	09/15/97	800	15.80	8.47	87.5
2554	09/15/97	900	15.87	8.64	89.4
2555	09/15/97	1000	16.06	8.84	91.9
2556	09/15/97	1100	16.49	9.11	95.5
2557	09/15/97	1200	16.88	9.28	98.0
2558	09/15/97	1300	17.35	9.41	100.4
2559	09/15/97	1400	17.90	9.54	102.9
2560	09/15/97	1500	18.34	9.64	103.9
2561	09/15/97	1600	18.37	9.32	101.9
2562	09/15/97	1700	18.33	9.20	100.1
2563	09/15/97	1800	18.24	8.89	96.7
2564	09/15/97	1900	18.08	8.73	94.5
2565	09/15/97	2000	17.89	8.51	91.8
2566	09/15/97	2100	17.74	8.28	89.1
2567	09/15/97	2200	17.54	8.26	88.4
2568	09/15/97	2300	17.30	8.16	87.0
2569	09/16/97	0	17.05	8.12	86.1
2570	09/16/97	100	16.75	8.17	86.1
2571	09/16/97	200	16.49	8.20	85.9
2572	09/16/97	300	16.24	8.24	85.9
2573	09/16/97	400	15.96	8.29	85.0
2574	09/16/97	500	15.75	8.34	85.0
2575	09/16/97	600	15.55	8.37	85.0
2576	09/16/97	700	15.37	8.40	85.0
2577	09/16/97	800	15.29	8.40	85.1
2578	09/16/97	900	15.25	8.74	89.2
2579	09/16/97	1000	15.47	9.02	92.5
2580	09/16/97	1100	15.65	9.18	94.5
2581	09/16/97	1200	15.80	9.22	95.3
2582	09/16/97	1300	15.97	9.31	96.5
2583	09/16/97	1400	16.04	9.28	96.3
2584	09/16/97	1500	16.11	9.28	95.6

DISSOLVED OXYGEN  
% SATURATION

DISSOLVED OXYGEN  
(PPM)

TEMPERATURE  
(DEGREES C.)

HOURL

DATE

OBS

OBS	DATE	HOURL	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2585	09/16/97	1600	16.09	8.97	93.2
2586	09/16/97	1700	16.04	8.78	91.1
2587	09/16/97	1800	16.01	8.68	90.1
2588	09/16/97	1900	15.99	8.55	88.6
2589	09/16/97	2000	16.06	8.44	87.6
2590	09/16/97	2100	16.09	8.33	86.6
2591	09/16/97	2200	16.09	8.30	86.3
2592	09/16/97	2300	16.04	8.19	85.0
2593	09/17/97	0	15.99	8.21	85.2
2594	09/17/97	100	15.89	8.19	84.7
2595	09/17/97	200	15.80	8.25	85.2
2596	09/17/97	300	15.70	8.19	84.4
2597	09/17/97	400	15.49	8.21	84.3
2598	09/17/97	500	15.29	8.15	83.5
2599	09/17/97	600	15.09	8.27	84.1
2600	09/17/97	700	14.90	8.28	83.9
2601	09/17/97	800	14.77	8.44	85.3
2602	09/17/97	900	14.77	8.54	86.3
2603	09/17/97	1000	15.00	8.80	89.3
2604	09/17/97	1100	15.60	8.95	91.8
2605	09/17/97	1200	16.04	9.03	93.7
2606	09/17/97	1300	16.63	9.23	97.0
2607	09/17/97	1400	17.22	9.16	97.5
2608	09/17/97	1500	17.68	9.25	99.4
2609	09/17/97	1600	17.92	9.11	98.3
2610	09/17/97	1700	17.88	9.04	97.5
2611	09/17/97	1800	17.59	8.83	94.7
2612	09/17/97	1900	17.21	8.64	91.9
2613	09/17/97	2000	16.86	8.46	89.4
2614	09/17/97	2100	16.54	8.38	88.0
2615	09/17/97	2200	16.24	8.31	86.7
2616	09/17/97	2300	15.97	8.28	85.6
2617	09/18/97	0	15.70	8.29	85.4
2618	09/18/97	100	15.42	8.29	84.9
2619	09/18/97	200	15.12	8.29	84.4
2620	09/18/97	300	14.80	8.38	84.7
2621	09/18/97	400	14.55	8.38	84.3
2622	09/18/97	500	14.35	8.48	84.9
2623	09/18/97	600	14.10	8.47	84.3
2624	09/18/97	700	13.97	8.49	84.3
2625	09/18/97	800	13.54	8.58	85.2
2626	09/18/97	900	13.95	8.65	85.8
2627	09/18/97	1000	14.07	8.87	88.3
2628	09/18/97	1100	14.68	9.24	92.9
2629	09/18/97	1200	15.39	9.33	96.6
2630	09/18/97	1300	15.92	9.30	96.3
2631	09/18/97	1400	16.26	9.34	97.4
2632	09/18/97	1500	16.61	9.28	97.0
2633	09/18/97	1600	16.81	9.28	97.0
2634	09/18/97	1700	17.04	9.28	96.4
2635	09/18/97	1800	17.26	9.13	95.2
2636	09/18/97	1900	17.08	8.95	92.8
2637	09/18/97	2000	17.02	8.74	90.6
2638	09/18/97	2100	16.98	8.55	88.2
2639	09/18/97	2200	16.85	8.23	87.2
2640	09/18/97	2300	16.85	8.14	86.0
2641	09/19/97	0	16.76	8.08	85.2
2642	09/19/97	100	16.64	8.08	85.2
2643	09/19/97	200	16.51	8.20	85.9
2644	09/19/97	300	16.34	8.15	85.2
2645	09/19/97	400	16.14	8.12	84.5
2646	09/19/97	500	15.97	8.07	83.7
2647	09/19/97	600	15.87	8.05	83.3
2648	09/19/97	700	15.84	8.08	83.5
2649	09/19/97	800	15.84	8.11	84.1
2650	09/19/97	900	15.85	8.22	85.0
2651	09/19/97	1000	15.85	8.22	85.0
2652	09/19/97	1100	15.97	8.45	87.6
2653	09/19/97	1200	16.19	8.46	88.1
2654	09/19/97	1300	16.14	8.41	87.5
2655	09/19/97	1400	16.27	8.58	89.5
2656	09/19/97	1500	16.38	8.50	88.5
2657	09/19/97	1600	16.39	8.46	88.5
2658	09/19/97	1700	16.44	8.37	87.6
2659	09/19/97	1800	16.38	8.35	87.3
2660	09/19/97	1900	16.26	8.28	86.4

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2661	09/19/97	2000	15.11	8.23	85.5
2662	09/19/97	2100	15.97	8.19	84.9
2663	09/19/97	2200	15.82	8.20	84.8
2664	09/19/97	2300	15.67	8.17	83.9
2665	09/20/97	0	15.54	8.19	83.8
2666	09/20/97	100	15.39	8.21	83.7
2667	09/20/97	200	15.24	8.27	84.1
2668	09/20/97	300	15.07	8.34	84.6
2669	09/20/97	400	14.94	8.39	84.8
2670	09/20/97	500	14.79	8.33	83.8
2671	09/20/97	600	14.64	8.22	82.7
2672	09/20/97	700	14.49	8.26	83.1
2673	09/20/97	800	14.34	8.32	83.5
2674	09/20/97	900	14.25	8.36	85.2
2675	09/20/97	1000	14.27	8.48	85.5
2676	09/20/97	1100	14.50	8.48	85.5
2677	09/20/97	1200	14.67	8.48	85.2
2678	09/20/97	1300	14.92	8.51	87.3
2679	09/20/97	1400	15.04	8.60	87.5
2680	09/20/97	1500	15.18	8.60	88.5
2681	09/20/97	1600	15.30	8.66	88.3
2682	09/20/97	1700	15.15	8.67	87.7
2683	09/20/97	1800	14.95	8.65	87.8
2684	09/20/97	1900	14.69	8.71	86.3
2685	09/20/97	2000	14.40	8.61	86.4
2686	09/20/97	2100	14.09	8.68	86.4
2687	09/20/97	2200	13.76	8.63	85.2
2688	09/20/97	2300	13.44	8.73	85.2
2689	09/21/97	0	13.13	8.76	85.3
2690	09/21/97	100	12.83	8.84	85.6
2691	09/21/97	200	12.52	8.82	84.8
2692	09/21/97	300	12.25	8.95	85.5
2693	09/21/97	400	11.99	8.96	85.1
2694	09/21/97	500	11.73	9.05	85.4
2695	09/21/97	600	11.48	9.08	85.0
2696	09/21/97	700	11.20	9.23	86.1
2697	09/21/97	800	10.99	9.29	86.3
2698	09/21/97	900	10.87	9.40	87.0
2699	09/21/97	1000	11.02	9.51	88.3
2700	09/21/97	1100	11.36	9.60	89.8
2701	09/21/97	1200	11.87	9.66	91.6
2702	09/21/97	1300	12.43	9.66	92.6
2703	09/21/97	1400	12.98	9.60	93.3
2704	09/21/97	1500	13.42	9.62	94.3
2705	09/21/97	1600	13.69	9.58	94.8
2706	09/21/97	1700	13.74	9.49	93.7
2707	09/21/97	1800	13.62	9.31	91.7
2708	09/21/97	1900	13.41	9.15	89.7
2709	09/21/97	2000	13.14	9.05	88.2
2710	09/21/97	2100	12.88	9.02	87.4
2711	09/21/97	2200	12.62	9.16	88.2
2712	09/21/97	2300	12.32	9.12	87.2
2713	09/22/97	0	12.01	9.10	86.4
2714	09/22/97	100	11.66	9.18	86.5
2715	09/22/97	200	11.36	9.26	86.7
2716	09/22/97	300	11.12	9.22	85.9
2717	09/22/97	400	10.94	9.24	85.6
2718	09/22/97	500	10.81	9.32	86.1
2719	09/22/97	600	10.67	9.43	86.8
2720	09/22/97	700	10.56	9.44	87.3
2721	09/22/97	800	10.48	9.52	88.2
2722	09/22/97	900	10.63	9.61	88.2
2723	09/22/97	1000	10.79	9.74	90.0
2724	09/22/97	1100	11.12	9.97	92.8
2725	09/22/97	1200	11.61	9.97	93.8
2726	09/22/97	1300	12.22	9.95	94.9
2727	09/22/97	1400	12.66	9.76	94.1
2728	09/22/97	1500	13.01	9.74	94.7
2729	09/22/97	1600	13.11	9.62	93.7
2730	09/22/97	1700	13.18	9.64	94.0
2731	09/22/97	1800	13.14	9.43	91.9
2732	09/22/97	1900	13.04	9.26	88.9
2733	09/22/97	2000	12.95	9.16	87.4
2734	09/22/97	2100	12.85	9.03	86.8
2735	09/22/97	2200	12.73	8.98	86.8
2736	09/22/97	2300	12.60	8.92	85.9

BRULE 1997 GAUGING STATION DATA

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2737	09/23/97	0	12.47	8.95	85.9
2738	09/23/97	100	12.25	8.98	85.8
2739	09/23/97	200	12.02	8.96	85.2
2740	09/23/97	300	11.79	8.93	84.4
2741	09/23/97	400	11.56	8.93	84.0
2742	09/23/97	500	11.36	9.04	84.7
2743	09/23/97	600	11.15	9.01	84.0
2744	09/23/97	700	10.97	9.10	84.4
2745	09/23/97	800	10.79	9.07	83.8
2746	09/23/97	900	10.74	9.28	85.6
2747	09/23/97	1000	10.94	9.38	87.0
2748	09/23/97	1100	11.32	9.61	89.9
2749	09/23/97	1200	11.68	9.65	91.1
2750	09/23/97	1300	12.29	9.84	94.1
2751	09/23/97	1400	12.66	9.70	93.5
2752	09/23/97	1500	13.28	9.75	95.3
2753	09/23/97	1600	13.56	9.45	92.9
2754	09/23/97	1700	13.54	9.38	92.3
2755	09/23/97	1800	13.31	9.25	90.5
2756	09/23/97	1900	13.13	9.16	89.1
2757	09/23/97	2000	12.88	9.02	87.4
2758	09/23/97	2100	12.62	8.97	86.2
2759	09/23/97	2200	12.20	8.96	86.2
2760	09/23/97	2300	11.92	8.97	85.0
2761	09/24/97	0	11.59	9.06	85.3
2762	09/24/97	100	11.25	9.13	85.2
2763	09/24/97	200	10.89	9.20	85.2
2764	09/24/97	300	10.49	9.26	85.0
2765	09/24/97	400	10.15	9.32	84.8
2766	09/24/97	500	9.83	9.32	84.2
2767	09/24/97	600	9.61	9.42	84.7
2768	09/24/97	700	9.45	9.45	84.6
2769	09/24/97	800	9.40	9.48	84.8
2770	09/24/97	900	9.48	9.64	86.4
2771	09/24/97	1000	9.76	9.79	88.4
2772	09/24/97	1100	10.35	9.90	90.6
2773	09/24/97	1200	11.00	10.02	93.1
2774	09/24/97	1300	11.73	9.89	93.4
2775	09/24/97	1400	12.47	9.63	92.5
2776	09/24/97	1500	13.04	9.61	93.5
2777	09/24/97	1600	13.41	9.47	92.9
2778	09/24/97	1700	13.47	9.26	90.9
2779	09/24/97	1800	13.26	9.23	90.2
2780	09/24/97	1900	13.04	8.97	87.2
2781	09/24/97	2000	12.85	8.99	87.1
2782	09/24/97	2100	12.70	8.91	86.0
2783	09/24/97	2200	12.58	8.81	84.8
2784	09/24/97	2300	12.48	8.79	84.4
2785	09/25/97	0	12.38	8.64	82.6
2786	09/25/97	100	12.24	8.62	82.5
2787	09/25/97	200	12.06	8.59	81.7
2788	09/25/97	300	11.84	8.59	81.9
2789	09/25/97	400	11.66	8.66	80.8
2790	09/25/97	500	11.50	8.61	80.8
2791	09/25/97	600	11.36	8.71	81.5
2792	09/25/97	700	11.27	8.69	81.2
2793	09/25/97	800	11.23	8.78	81.9
2794	09/25/97	900	11.40	8.86	83.0
2795	09/25/97	1000	11.78	9.05	85.8
2796	09/25/97	1100	12.45	9.13	87.6
2797	09/25/97	1200	13.04	9.30	90.5
2798	09/25/97	1300	13.88	9.43	93.5
2799	09/25/97	1400	14.44	9.43	94.5
2800	09/25/97	1500	14.99	9.42	95.6
2801	09/25/97	1600	15.32	9.35	95.6
2802	09/25/97	1700	15.11	10.17	102.2
2803	09/25/97	1800	14.88	10.01	100.1
2804	09/25/97	1900	14.53	9.82	97.5
2805	09/25/97	2000	14.23	9.70	96.7
2806	09/25/97	2100	13.97	9.56	93.7
2807	09/25/97	2200	13.69	9.54	93.0
2808	09/25/97	2300	13.42	9.42	92.4
2809	09/26/97	0	13.14	9.55	92.0
2810	09/26/97	100	12.81	9.62	91.9
2811	09/26/97	200	12.45	9.64	91.4
2812	09/26/97	300	12.07	9.72	91.4



BRUCE 1997 GAUGING STATION DATA

OBS	DATE	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2813	09/26/97	11.68	9.78	91.2
2814	09/26/97	11.35	9.89	91.4
2815	09/26/97	11.05	9.96	91.5
2816	09/26/97	10.31	10.10	92.3
2817	09/26/97	10.63	10.18	92.6
2818	09/26/97	10.66	10.31	93.9
2819	09/26/97	11.00	10.45	95.9
2820	09/26/97	11.58	10.58	98.4
2821	09/26/97	12.19	10.61	100.1
2822	09/26/97	12.88	10.70	102.7
2823	09/26/97	13.69	10.75	103.8
2824	09/26/97	14.15	10.85	104.8
2825	09/26/97	14.40	10.86	104.6
2826	09/26/97	14.57	10.47	104.1
2827	09/26/97	14.48	10.33	102.4
2828	09/26/97	14.22	10.11	99.7
2829	09/26/97	13.97	9.88	97.0
2830	09/26/97	13.77	9.79	96.6
2831	09/26/97	13.59	9.71	94.4
2832	09/26/97	13.42	9.66	93.6
2833	09/27/97	13.26	9.63	92.7
2834	09/27/97	13.06	9.64	92.7
2835	09/27/97	12.78	9.71	92.0
2836	09/27/97	12.45	9.76	91.9
2837	09/27/97	12.17	9.83	92.1
2838	09/27/97	11.92	9.87	92.0
2839	09/27/97	11.69	9.87	92.0
2840	09/27/97	11.60	9.92	92.0
2841	09/27/97	11.46	10.02	92.9
2842	09/27/97	11.64	10.25	93.5
2843	09/27/97	11.97	10.42	97.8
2844	09/27/97	12.53	10.54	100.2
2845	09/27/97	13.08	10.64	102.3
2846	09/27/97	13.85	10.67	104.4
2847	09/27/97	14.40	10.82	106.1
2848	09/27/97	14.86	10.94	108.4
2849	09/27/97	15.10	10.43	104.8
2850	09/27/97	15.15	10.30	103.7
2851	09/27/97	15.01	10.09	101.2
2852	09/27/97	14.80	9.88	98.6
2853	09/27/97	14.65	9.61	95.7
2854	09/27/97	14.55	9.49	94.2
2855	09/27/97	14.38	9.39	93.0
2856	09/27/97	14.20	9.36	92.3
2857	09/28/97	14.02	9.35	91.8
2858	09/28/97	13.85	9.35	91.6
2859	09/28/97	13.67	9.23	89.9
2860	09/28/97	13.50	9.25	89.8
2861	09/28/97	13.37	9.29	89.5
2862	09/28/97	13.31	9.48	91.3
2863	09/28/97	13.26	9.45	91.3
2864	09/28/97	13.24	9.45	91.2
2865	09/28/97	13.28	9.61	92.9
2866	09/28/97	13.29	9.85	95.5
2867	09/28/97	13.42	9.99	97.5
2868	09/28/97	13.74	10.11	99.4
2869	09/28/97	14.10	10.38	102.9
2870	09/28/97	14.45	10.36	103.6
2871	09/28/97	14.83	10.35	103.5
2872	09/28/97	15.06	10.32	103.3
2873	09/28/97	15.31	10.22	102.8
2874	09/28/97	15.38	10.16	102.8
2875	09/28/97	15.10	9.96	100.1
2876	09/28/97	14.85	9.66	96.6
2877	09/28/97	14.71	9.53	95.0
2878	09/28/97	14.48	9.37	93.5
2879	09/28/97	14.22	9.33	92.4
2880	09/28/97	14.03	9.33	91.6
2881	09/29/97	13.85	9.32	91.2
2882	09/29/97	13.69	9.32	90.9
2883	09/29/97	13.50	9.30	90.3
2884	09/29/97	13.29	9.38	90.2
2885	09/29/97	12.99	9.41	90.2
2886	09/29/97	12.93	9.40	89.7
2887	09/29/97	12.71	9.46	89.7
2888	09/29/97	12.50	9.46	89.5

OBS	DATE	HOUR	TEMPERATURE (DEGREES C.)	DISSOLVED OXYGEN (PPM)	DISSOLVED OXYGEN % SATURATION
2889	09/29/97	800	12.42	9.55	90.5
2890	09/29/97	900	12.43	9.70	92.0
2891	09/29/97	1000	12.60	9.93	94.5
2892	09/29/97	1100	12.75	10.12	96.6
2893	09/29/97	1200	13.06	10.23	98.3
2894	09/29/97	1300	13.01	10.26	98.5
2895	09/29/97	1400	12.96	10.23	98.1
2896	09/29/97	1500	12.91	10.21	97.9
2897	09/29/97	1600	12.88	10.19	97.6
2898	09/29/97	1700	12.75	10.08	96.3
2899	09/29/97	1800	12.66	10.09	96.2
2900	09/29/97	1900	12.53	9.91	94.2
2901	09/29/97	2000	12.45	9.81	93.0
2902	09/29/97	2100	12.30	9.70	91.7
2903	09/29/97	2200	12.24	9.60	90.6
2904	09/29/97	2300	12.12	9.68	91.2
2905	09/30/97	0	12.04	9.65	90.7
2906	09/30/97	100	11.94	9.67	90.6
2907	09/30/97	200	11.86	9.71	90.8
2908	09/30/97	300	11.74	9.72	90.9
2909	09/30/97	400	11.64	9.73	90.8
2910	09/30/97	500	11.51	9.78	91.1
2911	09/30/97	600	11.40	9.83	91.4
2912	09/30/97	700	11.28	9.68	89.7
2913	09/30/97	800	11.18	9.73	89.7
2914	09/30/97	900	11.15	9.90	91.2
2915	09/30/97	1000	11.18	10.06	92.7
2916	09/30/97	1100	11.32	10.25	94.7
2917	09/30/97	1200	11.51	10.39	96.4
2918	09/30/97	1300	11.71	10.52	98.1
2919	09/30/97	1400	11.69	10.48	97.7
2920	09/30/97	1500	11.56	10.47	97.3
2921	09/30/97	1600	11.46	10.45	96.9
2922	09/30/97	1700	11.40	10.44	96.7
2923	09/30/97	1800	11.32	10.46	96.7
2924	09/30/97	1900	11.15	10.35	95.3
2925	09/30/97	2000	10.94	10.28	94.1
2926	09/30/97	2100	10.64	10.22	93.0
2927	09/30/97	2200	10.40	10.43	94.3
2928	09/30/97	2300	10.10	10.43	93.7