



ORIGINAL

Wisconsin Electric
231 W. Michigan
P.O. Box 2046
Milwaukee, WI 53201-2046
Phone 414 221-2345

OFFICE OF THE SECRETARY

99 NOV -5 PM 4: 06

November 2, 1999

FEDERAL ENERGY
REGULATORY
COMMISSION

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

RE: Chalk Hill Hydroelectric Project - FERC No. 2394-~~047~~⁰⁴⁰
White Rapids Hydroelectric Project - FERC No. 2357-~~003~~⁰³⁸
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 Chalk Hill and White Rapids Projects performed during the months of May, June, July, August and September of 1999 to fulfill the requirements of Article 405.

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

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

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

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

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

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

Handwritten signature
FEDERAL ENERGY REGULATORY COMMISSION

NOV - 5 1999

\\pebaq\oe\we5307\DATA\WMWORD\CHKWQ96.DOC

9911080360.3

The results of our 1999 monitoring for each component is as follows:

I. Continuous water quality monitoring

The enclosed table 1 : *Chalk Hill/White Rapids, 1999 Hydro Data Summary* documents 100% compliance with the standards stated above.

The data recovery from our monitoring instrument (Hydrolab Recorder - Water Quality Multiprobe Logger) was 97.6% at the Chalk Hill location upstream at Highway Z and 99.9 % at the White Rapids Tailrace for the entire 5 month period (May 1 through September 30). Exhibit 1 summarizes those periods for which data was not collected and the explanations.

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

II. Flowage measurements

As stated in the approved plan, the results will be subject of a report to be filed no later than May 1, 2000.

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

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

Sincerely,



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

Enclosures

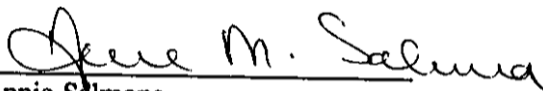
cc: Mr. Tom Thuemler, WDNR
w/diskette
Ms. Jan Fenske, MDNR w/ diskette

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

Certificate of Service

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

Dated this day Tuesday, November 02, 1999.



Annie Salmona
Hydro Licensing
Wisconsin Electric Power Co.

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

Chalk Hill / White Rapids 1999 Hydro Data Summary

Chalk Hill - Upstream at Hwy Z

Temperature (Degrees C)				
Month	Obs	Mean	Max	Min
5	744	15.1	19.6	12.3
6	635	20.7	25.4	15.0
7	744	22.8	27.8	19.0
8	742	22.1	26.4	18.8
9	720	18.1	24.7	12.6

Dissolved Oxygen (mg/l)				
Month	Obs	Mean	Max	Min
5	744	9.4	10.9	8.3
6	635	8.2	9.6	6.7
7	744	7.7	9.1	6.9
8	742	8.2	10.0	7.0
9	720	9.2	11.4	7.1

Dissolved Oxygen (% Saturation)				
Month	Obs	Mean	Max	Min
5	744	95	112	84
6	635	93	107	80
7	744	91	106	80
8	742	96	119	82
9	720	99	118	80

White Rapids Tailrace

Temperature (Degrees C)				
Month	Obs	Mean	Max	Min
5	742	15.4	19.5	12.8
6	720	21.1	25.6	16.7
7	744	23.4	27.4	20.2
8	744	22.7	27.1	20.4
9	720	18.7	24.2	14.6

Dissolved Oxygen (mg/l)				
Month	Obs	Mean	Max	Min
5	742	9.7	11.1	8.6
6	720	7.8	8.7	6.6
7	744	7.3	8.5	6.4
8	744	7.8	8.7	6.2
9	720	8.5	9.5	7.1

Dissolved Oxygen (% Saturation)				
Month	Obs	Mean	Max	Min
5	742	99	115	87
6	720	89	99	78
7	744	87	98	78
8	744	92	101	79
9	720	92	102	84

Exhibit 1

Chalk Hill / White Rapids Hydro Plant 1999 – Lost Data Summary

Chalk Hill Upstream at Hwy Z

Captured 3585 of 3672 possible data points, a 97.6% recovery.

Lost 85 readings from 6/18/99 0600 to 6/21/99 1800 due to battery drain, which occurred when the stirrer on the instrument became jammed.

Lost hourly reading on 8/5/99 (1600) during sonde change out.

Lost hourly reading on 8/23/99 (0000) , probably during data processing.

White Rapids Tailrace

Captured 3670 of 3672 possible data points, a 99.9% recovery.

Lost hourly readings on 5/14/99 (1200) & 5/27/99 (1700) during sonde change out.

CHALK HILL / WHITE RAPIDS HYDRO PLANT 1999 MONITORING DATA

The diskette labeled Chalk Hill / White Rapids contains the 1999 monitoring data for the White Rapids tailrace (WHTRPD99.txt), and Chalk Hill upstream at Hwy Z station (CHALKZ99.txt).. The files contain the temperature, dissolved oxygen, and dissolved oxygen-percent saturation data for the above sites from May 1, 1999 through Sept 30, 1999. All files were saved as Formatted Text (Space Delimited) using Microsoft Excel Version 4.0 .The same information listed here can also be found in a Microsoft Word file called Readme.Doc on the diskette.

The data is entered in the following order and separated by spaces:

Date - mm/dd/yy

Hour - 0-2300

Temperature - 00.0 Degree C

Dissolved Oxygen - 00.00 mg/l

Dissolved Oxygen - 000.0 Percent
% Saturation

Directory of Diskette:

Readme.doc

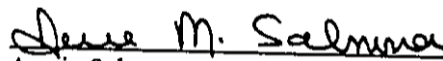
CHALKZ98.txt Chalk Hill upstream at Hwy Z

WHTRPD98.txt White Rapids Tailrace

Certificate of Service

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

Dated this day Tuesday, November 10, 1998.



Annie Salmona
Hydro Licensing
Wisconsin Electric Power Co.

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

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/1/1999	0	14.2	10.2	101
5/1/1999	100	14.2	10.2	101
5/1/1999	200	14.1	10.1	100
5/1/1999	300	13.9	10.0	98
5/1/1999	400	13.6	9.7	94
5/1/1999	500	13.2	9.6	93
5/1/1999	600	12.9	9.6	92
5/1/1999	700	12.6	9.5	91
5/1/1999	800	12.4	9.7	92
5/1/1999	900	12.5	9.8	94
5/1/1999	1000	12.9	10.1	97
5/1/1999	1100	13.5	10.4	101
5/1/1999	1200	14.1	10.6	105
5/1/1999	1300	14.6	10.7	107
5/1/1999	1400	15.2	10.8	109
5/1/1999	1500	15.8	10.9	112
5/1/1999	1600	16.1	10.9	112
5/1/1999	1700	16.2	10.8	111
5/1/1999	1800	16.2	10.6	110
5/1/1999	1900	16.0	10.5	108
5/1/1999	2000	15.7	10.2	104
5/1/1999	2100	15.5	9.9	100
5/1/1999	2200	15.4	9.7	98
5/1/1999	2300	15.2	9.5	96
5/2/1999	0	15.0	9.4	95
5/2/1999	100	14.9	9.4	94
5/2/1999	200	14.8	9.3	93
5/2/1999	300	14.6	9.2	92
5/2/1999	400	14.4	9.2	91
5/2/1999	500	14.2	9.1	90
5/2/1999	600	14.0	9.1	89
5/2/1999	700	13.7	9.2	90
5/2/1999	800	13.5	9.3	91
5/2/1999	900	13.5	9.6	93
5/2/1999	1000	13.8	9.9	97
5/2/1999	1100	14.2	10.2	101
5/2/1999	1200	14.6	10.4	104
5/2/1999	1300	15.2	10.6	107
5/2/1999	1400	15.7	10.7	110
5/2/1999	1500	16.2	10.7	111
5/2/1999	1600	16.5	10.8	112
5/2/1999	1700	16.6	10.7	112
5/2/1999	1800	16.7	10.5	110
5/2/1999	1900	16.5	10.2	106
5/2/1999	2000	16.3	9.9	103
5/2/1999	2100	16.1	9.6	99
5/2/1999	2200	16.0	9.4	97
5/2/1999	2300	15.8	9.3	95
5/3/1999	0	15.7	9.2	94
5/3/1999	100	15.6	9.2	94
5/3/1999	200	15.4	9.1	92
5/3/1999	300	15.3	9.0	91
5/3/1999	400	15.2	8.9	90
5/3/1999	500	14.9	8.8	89
5/3/1999	600	14.7	8.8	88
5/3/1999	700	14.4	8.8	88
5/3/1999	800	14.3	9.0	90

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/3/1999	900	14.4	9.3	92
5/3/1999	1000	14.6	9.6	96
5/3/1999	1100	15.1	10.0	100
5/3/1999	1200	15.5	10.1	103
5/3/1999	1300	15.9	10.3	106
5/3/1999	1400	16.3	10.4	107
5/3/1999	1500	16.6	10.4	109
5/3/1999	1600	16.8	10.4	109
5/3/1999	1700	16.8	10.3	108
5/3/1999	1800	16.9	10.1	106
5/3/1999	1900	16.8	9.9	104
5/3/1999	2000	16.7	9.6	101
5/3/1999	2100	16.7	9.3	98
5/3/1999	2200	16.6	9.1	95
5/3/1999	2300	16.5	9.0	94
5/4/1999	0	16.3	8.8	92
5/4/1999	100	16.1	8.7	90
5/4/1999	200	15.9	8.6	89
5/4/1999	300	15.7	8.5	87
5/4/1999	400	15.5	8.5	86
5/4/1999	500	15.2	8.5	86
5/4/1999	600	14.9	8.4	84
5/4/1999	700	14.6	8.5	84
5/4/1999	800	14.6	8.6	86
5/4/1999	900	14.6	8.9	89
5/4/1999	1000	14.9	9.3	93
5/4/1999	1100	15.3	9.5	97
5/4/1999	1200	15.8	9.8	100
5/4/1999	1300	16.2	10.0	103
5/4/1999	1400	16.6	10.1	105
5/4/1999	1500	17.0	10.2	107
5/4/1999	1600	17.4	10.1	107
5/4/1999	1700	17.4	10.1	107
5/4/1999	1800	17.4	9.9	105
5/4/1999	1900	17.3	9.7	102
5/4/1999	2000	17.1	9.4	99
5/4/1999	2100	17.0	9.2	96
5/4/1999	2200	16.9	9.0	94
5/4/1999	2300	16.7	8.9	93
5/5/1999	0	16.6	8.8	92
5/5/1999	100	16.4	8.7	90
5/5/1999	200	16.2	8.6	89
5/5/1999	300	16.1	8.5	88
5/5/1999	400	15.9	8.4	87
5/5/1999	500	15.7	8.3	85
5/5/1999	600	15.5	8.3	85
5/5/1999	700	15.3	8.4	85
5/5/1999	800	15.2	8.6	87
5/5/1999	900	15.2	8.9	90
5/5/1999	1000	15.3	9.1	92
5/5/1999	1100	15.2	9.2	93
5/5/1999	1200	15.2	9.2	93
5/5/1999	1300	15.1	9.1	92
5/5/1999	1400	15.0	9.1	92
5/5/1999	1500	14.9	9.1	91
5/5/1999	1600	14.9	9.1	91
5/5/1999	1700	15.0	9.2	93
5/5/1999	1800	15.1	9.3	94

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/5/1999	1900	15.1	9.2	93
5/5/1999	2000	15.1	9.1	92
5/5/1999	2100	15.0	9.0	90
5/5/1999	2200	15.0	8.9	90
5/5/1999	2300	14.9	8.9	89
5/6/1999	0	14.9	8.8	88
5/6/1999	100	14.9	8.7	87
5/6/1999	200	14.8	8.7	87
5/6/1999	300	14.8	8.6	86
5/6/1999	400	14.8	8.6	87
5/6/1999	500	14.7	8.6	86
5/6/1999	600	14.6	8.5	85
5/6/1999	700	14.6	8.5	84
5/6/1999	800	14.6	8.5	85
5/6/1999	900	14.5	8.6	86
5/6/1999	1000	14.5	8.7	86
5/6/1999	1100	14.5	8.7	86
5/6/1999	1200	14.5	8.7	87
5/6/1999	1300	14.5	8.9	88
5/6/1999	1400	14.5	8.9	88
5/6/1999	1500	14.4	8.9	88
5/6/1999	1600	14.4	8.8	87
5/6/1999	1700	14.4	9.0	89
5/6/1999	1800	14.5	9.0	89
5/6/1999	1900	14.3	8.9	88
5/6/1999	2000	14.2	8.9	88
5/6/1999	2100	14.1	8.9	88
5/6/1999	2200	14.0	8.9	88
5/6/1999	2300	13.9	8.9	88
5/7/1999	0	13.7	8.9	87
5/7/1999	100	13.6	8.9	87
5/7/1999	200	13.5	8.9	87
5/7/1999	300	13.4	8.9	87
5/7/1999	400	13.2	8.9	86
5/7/1999	500	13.2	8.9	86
5/7/1999	600	13.0	8.9	86
5/7/1999	700	13.0	8.9	86
5/7/1999	800	13.0	9.0	87
5/7/1999	900	13.0	9.1	87
5/7/1999	1000	13.0	9.1	87
5/7/1999	1100	13.0	9.2	88
5/7/1999	1200	13.1	9.2	89
5/7/1999	1300	13.1	9.2	89
5/7/1999	1400	13.1	9.2	89
5/7/1999	1500	13.1	9.2	89
5/7/1999	1600	13.2	9.3	90
5/7/1999	1700	13.2	9.2	90
5/7/1999	1800	13.3	9.3	90
5/7/1999	1900	13.3	9.3	90
5/7/1999	2000	13.3	9.4	91
5/7/1999	2100	13.4	9.3	91
5/7/1999	2200	13.3	9.3	90
5/7/1999	2300	13.3	9.3	91
5/8/1999	0	13.2	9.3	90
5/8/1999	100	13.2	9.4	91
5/8/1999	200	13.1	9.4	91
5/8/1999	300	13.1	9.4	91
5/8/1999	400	13.1	9.4	91

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/8/1999	500	13.1	9.5	92
5/8/1999	600	13.2	9.6	93
5/8/1999	700	13.2	9.6	93
5/8/1999	800	13.3	9.6	93
5/8/1999	900	13.4	9.6	94
5/8/1999	1000	13.5	9.7	94
5/8/1999	1100	13.5	9.7	95
5/8/1999	1200	13.7	9.8	96
5/8/1999	1300	13.8	9.8	96
5/8/1999	1400	13.8	9.9	97
5/8/1999	1500	14.0	9.9	98
5/8/1999	1600	14.1	9.9	98
5/8/1999	1700	14.1	9.9	97
5/8/1999	1800	14.1	9.9	98
5/8/1999	1900	14.0	9.9	97
5/8/1999	2000	13.9	9.9	97
5/8/1999	2100	13.7	9.9	97
5/8/1999	2200	13.6	10.0	97
5/8/1999	2300	13.5	10.0	97
5/9/1999	0	13.3	9.9	96
5/9/1999	100	13.2	9.9	96
5/9/1999	200	13.1	10.0	96
5/9/1999	300	13.0	10.0	96
5/9/1999	400	12.9	10.0	96
5/9/1999	500	12.7	9.9	95
5/9/1999	600	12.6	10.1	96
5/9/1999	700	12.5	10.2	97
5/9/1999	800	12.4	10.2	97
5/9/1999	900	12.3	10.2	97
5/9/1999	1000	12.4	10.3	98
5/9/1999	1100	12.5	10.3	98
5/9/1999	1200	12.7	10.3	99
5/9/1999	1300	13.0	10.4	100
5/9/1999	1400	13.2	10.3	99
5/9/1999	1500	13.4	10.3	100
5/9/1999	1600	13.6	10.3	101
5/9/1999	1700	13.7	10.3	101
5/9/1999	1800	13.7	10.3	101
5/9/1999	1900	13.7	10.2	99
5/9/1999	2000	13.6	10.1	99
5/9/1999	2100	13.5	10.2	99
5/9/1999	2200	13.4	10.1	99
5/9/1999	2300	13.4	10.1	98
5/10/1999	0	13.3	10.2	99
5/10/1999	100	13.3	10.2	99
5/10/1999	200	13.3	10.1	98
5/10/1999	300	13.3	10.1	98
5/10/1999	400	13.3	10.0	97
5/10/1999	500	13.3	10.1	98
5/10/1999	600	13.2	10.2	98
5/10/1999	700	13.0	10.2	98
5/10/1999	800	13.0	10.2	98
5/10/1999	900	12.9	10.3	99
5/10/1999	1000	12.8	10.4	99
5/10/1999	1100	12.8	10.4	99
5/10/1999	1200	12.9	10.4	100
5/10/1999	1300	13.1	10.4	100
5/10/1999	1400	13.2	10.4	100

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/10/1999	1500	13.4	10.4	101
5/10/1999	1600	13.6	10.4	102
5/10/1999	1700	13.6	10.4	102
5/10/1999	1800	13.7	10.4	102
5/10/1999	1900	13.7	10.4	101
5/10/1999	2000	13.6	10.3	101
5/10/1999	2100	13.5	10.3	100
5/10/1999	2200	13.4	10.3	100
5/10/1999	2300	13.4	10.3	100
5/11/1999	0	13.3	10.3	99
5/11/1999	100	13.3	10.2	99
5/11/1999	200	13.3	10.2	99
5/11/1999	300	13.2	10.2	99
5/11/1999	400	13.2	10.1	98
5/11/1999	500	13.2	10.1	97
5/11/1999	600	13.2	10.1	97
5/11/1999	700	13.1	10.1	97
5/11/1999	800	13.1	10.2	98
5/11/1999	900	13.1	10.2	98
5/11/1999	1000	13.1	10.1	98
5/11/1999	1100	13.2	10.1	98
5/11/1999	1200	13.3	10.1	98
5/11/1999	1300	13.4	10.2	99
5/11/1999	1400	13.6	10.2	99
5/11/1999	1500	13.8	10.2	100
5/11/1999	1600	13.9	10.2	100
5/11/1999	1700	13.9	10.3	101
5/11/1999	1800	13.9	10.1	99
5/11/1999	1900	13.9	10.1	99
5/11/1999	2000	13.8	10.1	99
5/11/1999	2100	13.7	10.1	99
5/11/1999	2200	13.7	10.1	99
5/11/1999	2300	13.6	10.1	99
5/12/1999	0	13.5	10.0	98
5/12/1999	100	13.4	9.9	97
5/12/1999	200	13.4	10.0	97
5/12/1999	300	13.3	10.0	97
5/12/1999	400	13.3	9.9	96
5/12/1999	500	13.3	9.9	96
5/12/1999	600	13.2	9.8	95
5/12/1999	700	13.2	9.9	96
5/12/1999	800	13.2	9.9	96
5/12/1999	900	13.3	10.0	97
5/12/1999	1000	13.5	10.0	97
5/12/1999	1100	13.6	10.0	98
5/12/1999	1200	13.7	10.0	98
5/12/1999	1300	13.8	10.0	98
5/12/1999	1400	13.9	10.0	98
5/12/1999	1500	13.9	10.0	98
5/12/1999	1600	13.9	10.1	99
5/12/1999	1700	13.9	10.0	98
5/12/1999	1800	13.8	10.0	98
5/12/1999	1900	13.7	10.0	98
5/12/1999	2000	13.6	10.1	98
5/12/1999	2100	13.5	10.0	98
5/12/1999	2200	13.3	10.0	97
5/12/1999	2300	13.2	9.9	96
5/13/1999	0	13.1	10.0	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/13/1999	100	13.0	9.9	95
5/13/1999	200	12.9	10.0	96
5/13/1999	300	12.8	9.9	95
5/13/1999	400	12.8	9.9	95
5/13/1999	500	12.7	9.9	94
5/13/1999	600	12.7	9.8	94
5/13/1999	700	12.6	9.9	94
5/13/1999	800	12.7	9.8	94
5/13/1999	900	12.8	9.9	95
5/13/1999	1000	13.0	9.9	96
5/13/1999	1100	13.3	10.0	97
5/13/1999	1200	13.7	10.0	98
5/13/1999	1300	14.1	9.9	97
5/13/1999	1400	14.4	10.0	99
5/13/1999	1500	14.8	10.0	100
5/13/1999	1600	15.0	10.0	101
5/13/1999	1700	15.1	9.9	100
5/13/1999	1800	15.1	9.8	99
5/13/1999	1900	15.0	9.8	99
5/13/1999	2000	14.8	9.9	99
5/13/1999	2100	14.6	9.8	98
5/13/1999	2200	14.3	9.7	96
5/13/1999	2300	14.0	9.9	97
5/14/1999	0	13.8	9.8	96
5/14/1999	100	13.5	9.8	95
5/14/1999	200	13.3	9.8	95
5/14/1999	300	13.2	9.8	94
5/14/1999	400	13.0	9.8	94
5/14/1999	500	12.9	9.7	94
5/14/1999	600	12.8	9.7	93
5/14/1999	700	12.8	9.7	93
5/14/1999	800	12.9	9.7	93
5/14/1999	900	13.2	9.7	94
5/14/1999	1000	13.4	10.0	97
5/14/1999	1100	13.9	10.1	99
5/14/1999	1200	14.4	10.1	100
5/14/1999	1300	14.9	10.1	101
5/14/1999	1400	15.3	10.1	102
5/14/1999	1500	15.7	10.1	103
5/14/1999	1600	16.0	10.0	103
5/14/1999	1700	16.1	10.0	103
5/14/1999	1800	16.1	9.9	102
5/14/1999	1900	16.0	9.9	102
5/14/1999	2000	15.8	9.8	100
5/14/1999	2100	15.6	9.7	99
5/14/1999	2200	15.3	9.7	98
5/14/1999	2300	15.0	9.7	97
5/15/1999	0	14.8	9.7	97
5/15/1999	100	14.5	9.6	95
5/15/1999	200	14.2	9.6	95
5/15/1999	300	13.9	9.6	94
5/15/1999	400	13.7	9.6	94
5/15/1999	500	13.5	9.6	93
5/15/1999	600	13.3	9.6	93
5/15/1999	700	13.2	9.7	93
5/15/1999	800	13.3	9.7	94
5/15/1999	900	13.5	9.7	95
5/15/1999	1000	13.9	9.8	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/15/1999	1100	14.5	9.8	98
5/15/1999	1200	15.1	9.8	99
5/15/1999	1300	15.7	9.8	100
5/15/1999	1400	16.0	9.8	101
5/15/1999	1500	16.3	9.7	100
5/15/1999	1600	16.4	9.6	100
5/15/1999	1700	16.4	9.5	99
5/15/1999	1800	16.4	9.4	98
5/15/1999	1900	16.5	9.4	98
5/15/1999	2000	16.5	9.3	97
5/15/1999	2100	16.4	9.3	96
5/15/1999	2200	16.3	9.2	95
5/15/1999	2300	16.1	9.1	94
5/16/1999	0	15.9	9.1	94
5/16/1999	100	15.7	9.1	93
5/16/1999	200	15.5	9.2	93
5/16/1999	300	15.2	9.2	93
5/16/1999	400	14.9	9.2	93
5/16/1999	500	14.7	9.3	93
5/16/1999	600	14.5	9.3	92
5/16/1999	700	14.4	9.3	92
5/16/1999	800	14.4	9.3	93
5/16/1999	900	14.6	9.4	94
5/16/1999	1000	14.9	9.5	95
5/16/1999	1100	15.2	9.5	96
5/16/1999	1200	15.7	9.6	98
5/16/1999	1300	16.1	9.6	98
5/16/1999	1400	16.1	9.5	98
5/16/1999	1500	16.5	9.5	99
5/16/1999	1600	16.7	9.5	99
5/16/1999	1700	16.9	9.5	99
5/16/1999	1800	17.0	9.4	99
5/16/1999	1900	17.0	9.4	99
5/16/1999	2000	17.0	9.2	97
5/16/1999	2100	16.9	9.1	96
5/16/1999	2200	16.9	9.1	95
5/16/1999	2300	16.8	9.0	94
5/17/1999	0	16.7	9.0	94
5/17/1999	100	16.5	9.0	93
5/17/1999	200	16.3	9.0	93
5/17/1999	300	16.2	8.9	92
5/17/1999	400	16.0	9.0	92
5/17/1999	500	15.8	8.9	91
5/17/1999	600	15.7	8.9	91
5/17/1999	700	15.5	8.9	91
5/17/1999	800	15.5	9.0	92
5/17/1999	900	15.5	9.0	92
5/17/1999	1000	15.7	9.2	94
5/17/1999	1100	16.0	9.2	95
5/17/1999	1200	16.3	9.2	96
5/17/1999	1300	16.7	9.3	97
5/17/1999	1400	17.1	9.3	98
5/17/1999	1500	17.2	9.2	97
5/17/1999	1600	17.2	9.1	96
5/17/1999	1700	17.2	9.0	95
5/17/1999	1800	17.2	8.9	94
5/17/1999	1900	17.2	8.9	94
5/17/1999	2000	17.2	8.9	93

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/17/1999	2100	17.2	8.8	93
5/17/1999	2200	17.1	8.8	93
5/17/1999	2300	17.0	8.7	92
5/18/1999	0	16.8	8.7	91
5/18/1999	100	16.7	8.7	90
5/18/1999	200	16.5	8.7	90
5/18/1999	300	16.3	8.7	90
5/18/1999	400	16.1	8.7	89
5/18/1999	500	16.0	8.6	89
5/18/1999	600	15.8	8.6	89
5/18/1999	700	15.8	8.6	88
5/18/1999	800	15.7	8.7	89
5/18/1999	900	15.8	8.8	90
5/18/1999	1000	15.9	8.8	90
5/18/1999	1100	15.9	8.9	91
5/18/1999	1200	16.0	9.0	92
5/18/1999	1300	16.2	9.1	94
5/18/1999	1400	16.4	9.1	95
5/18/1999	1500	16.5	9.1	95
5/18/1999	1600	16.7	9.2	96
5/18/1999	1700	16.8	9.2	96
5/18/1999	1800	16.8	9.1	96
5/18/1999	1900	16.8	9.1	95
5/18/1999	2000	16.7	9.0	94
5/18/1999	2100	16.5	9.0	93
5/18/1999	2200	16.3	9.1	94
5/18/1999	2300	16.0	9.1	94
5/19/1999	0	15.7	9.1	93
5/19/1999	100	15.5	9.0	92
5/19/1999	200	15.3	9.1	92
5/19/1999	300	15.2	9.2	93
5/19/1999	400	15.1	9.2	93
5/19/1999	500	15.0	9.1	92
5/19/1999	600	15.0	9.2	93
5/19/1999	700	15.0	9.3	94
5/19/1999	800	15.2	9.3	94
5/19/1999	900	15.2	9.3	94
5/19/1999	1000	15.4	9.4	95
5/19/1999	1100	15.6	9.3	95
5/19/1999	1200	15.9	9.4	96
5/19/1999	1300	16.1	9.5	98
5/19/1999	1400	16.2	9.5	98
5/19/1999	1500	16.5	9.5	99
5/19/1999	1600	16.5	9.3	96
5/19/1999	1700	16.6	9.2	96
5/19/1999	1800	16.7	9.2	96
5/19/1999	1900	16.6	9.3	97
5/19/1999	2000	16.4	9.3	96
5/19/1999	2100	16.3	9.3	96
5/19/1999	2200	16.1	9.3	96
5/19/1999	2300	16.0	9.3	96
5/20/1999	0	16.0	9.3	95
5/20/1999	100	16.0	9.2	95
5/20/1999	200	16.0	9.3	95
5/20/1999	300	16.0	9.2	95
5/20/1999	400	16.0	9.0	93
5/20/1999	500	16.0	9.1	93
5/20/1999	600	16.0	9.0	92

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/20/1999	700	15.9	9.1	94
5/20/1999	800	15.9	9.1	93
5/20/1999	900	15.9	9.2	94
5/20/1999	1000	15.9	9.2	95
5/20/1999	1100	16.0	9.3	96
5/20/1999	1200	16.1	9.2	95
5/20/1999	1300	16.1	9.2	95
5/20/1999	1400	16.2	9.3	96
5/20/1999	1500	16.2	9.2	95
5/20/1999	1600	16.1	9.2	95
5/20/1999	1700	16.1	9.2	95
5/20/1999	1800	16.1	9.2	95
5/20/1999	1900	16.0	9.1	94
5/20/1999	2000	15.9	9.1	93
5/20/1999	2100	15.8	9.1	93
5/20/1999	2200	15.8	9.0	93
5/20/1999	2300	15.7	9.1	93
5/21/1999	0	15.7	9.0	92
5/21/1999	100	15.7	9.0	92
5/21/1999	200	15.7	9.0	92
5/21/1999	300	15.7	9.0	92
5/21/1999	400	15.7	8.9	91
5/21/1999	500	15.7	8.9	91
5/21/1999	600	15.7	8.9	91
5/21/1999	700	15.6	8.8	90
5/21/1999	800	15.6	8.8	90
5/21/1999	900	15.6	8.9	91
5/21/1999	1000	15.6	8.9	91
5/21/1999	1100	15.7	8.9	91
5/21/1999	1200	15.8	9.0	92
5/21/1999	1300	16.0	9.0	93
5/21/1999	1400	16.0	9.0	93
5/21/1999	1500	16.3	9.0	93
5/21/1999	1600	16.5	9.0	93
5/21/1999	1700	16.5	9.0	94
5/21/1999	1800	16.6	9.0	94
5/21/1999	1900	16.5	8.9	93
5/21/1999	2000	16.4	9.0	93
5/21/1999	2100	16.4	8.9	93
5/21/1999	2200	16.3	9.0	93
5/21/1999	2300	16.2	9.0	93
5/22/1999	0	16.0	8.9	92
5/22/1999	100	16.0	9.0	92
5/22/1999	200	15.9	8.9	92
5/22/1999	300	15.9	8.9	92
5/22/1999	400	15.8	8.9	91
5/22/1999	500	15.8	8.9	91
5/22/1999	600	15.8	9.0	92
5/22/1999	700	15.8	9.0	92
5/22/1999	800	15.7	8.9	91
5/22/1999	900	15.8	8.9	92
5/22/1999	1000	15.9	9.1	93
5/22/1999	1100	16.1	9.0	93
5/22/1999	1200	16.3	9.0	94
5/22/1999	1300	16.6	9.1	95
5/22/1999	1400	16.8	9.1	95
5/22/1999	1500	17.1	9.1	96
5/22/1999	1600	17.2	9.1	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/22/1999	1700	17.2	9.1	96
5/22/1999	1800	17.3	8.9	94
5/22/1999	1900	17.2	9.0	95
5/22/1999	2000	17.0	9.0	95
5/22/1999	2100	16.9	8.9	93
5/22/1999	2200	16.8	8.9	93
5/22/1999	2300	16.6	8.9	93
5/23/1999	0	16.5	8.9	92
5/23/1999	100	16.4	8.8	92
5/23/1999	200	16.3	8.8	91
5/23/1999	300	16.3	8.7	90
5/23/1999	400	16.3	8.7	90
5/23/1999	500	16.3	8.7	90
5/23/1999	600	16.3	8.8	91
5/23/1999	700	16.3	8.7	90
5/23/1999	800	16.3	8.7	90
5/23/1999	900	16.3	8.7	90
5/23/1999	1000	16.3	8.7	90
5/23/1999	1100	16.3	8.8	91
5/23/1999	1200	16.3	8.8	91
5/23/1999	1300	16.3	8.8	91
5/23/1999	1400	16.3	8.8	91
5/23/1999	1500	16.2	8.8	90
5/23/1999	1600	16.1	8.7	90
5/23/1999	1700	15.9	8.8	91
5/23/1999	1800	15.8	8.8	91
5/23/1999	1900	15.7	8.9	91
5/23/1999	2000	15.6	8.9	90
5/23/1999	2100	15.5	8.9	91
5/23/1999	2200	15.4	8.9	91
5/23/1999	2300	15.3	8.9	90
5/24/1999	0	15.2	9.0	91
5/24/1999	100	15.1	9.0	90
5/24/1999	200	15.1	9.1	92
5/24/1999	300	15.0	9.1	91
5/24/1999	400	14.9	9.1	92
5/24/1999	500	14.9	9.2	92
5/24/1999	600	14.8	9.1	92
5/24/1999	700	14.8	9.1	91
5/24/1999	800	14.8	9.2	92
5/24/1999	900	14.7	9.3	93
5/24/1999	1000	14.8	9.3	93
5/24/1999	1100	14.7	9.4	94
5/24/1999	1200	14.7	9.5	95
5/24/1999	1300	14.7	9.5	95
5/24/1999	1400	14.7	9.6	96
5/24/1999	1500	14.7	9.5	95
5/24/1999	1600	14.6	9.6	96
5/24/1999	1700	14.5	9.5	94
5/24/1999	1800	14.4	9.4	93
5/24/1999	1900	14.3	9.5	94
5/24/1999	2000	14.2	9.8	97
5/24/1999	2100	14.1	9.8	97
5/24/1999	2200	14.0	9.7	96
5/24/1999	2300	13.9	9.8	96
5/25/1999	0	13.8	9.8	96
5/25/1999	100	13.8	9.6	94
5/25/1999	200	13.7	9.6	94

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/25/1999	300	13.6	9.8	95
5/25/1999	400	13.6	9.8	95
5/25/1999	500	13.5	9.7	95
5/25/1999	600	13.4	9.7	94
5/25/1999	700	13.4	9.7	94
5/25/1999	800	13.3	9.8	95
5/25/1999	900	13.3	9.8	95
5/25/1999	1000	13.3	9.9	96
5/25/1999	1100	13.2	9.9	96
5/25/1999	1200	13.3	9.9	96
5/25/1999	1300	13.3	10.0	97
5/25/1999	1400	13.3	10.0	97
5/25/1999	1500	13.3	10.0	97
5/25/1999	1600	13.2	10.0	97
5/25/1999	1700	13.2	10.1	97
5/25/1999	1800	13.1	10.1	98
5/25/1999	1900	13.1	10.1	98
5/25/1999	2000	13.0	10.1	98
5/25/1999	2100	12.9	10.1	97
5/25/1999	2200	12.9	10.1	97
5/25/1999	2300	12.8	10.2	97
5/26/1999	0	12.8	10.1	97
5/26/1999	100	12.7	10.1	97
5/26/1999	200	12.7	10.1	97
5/26/1999	300	12.7	10.1	97
5/26/1999	400	12.6	10.1	96
5/26/1999	500	12.5	10.2	97
5/26/1999	600	12.5	10.1	97
5/26/1999	700	12.4	10.1	96
5/26/1999	800	12.4	10.2	97
5/26/1999	900	12.5	10.2	97
5/26/1999	1000	12.7	10.2	98
5/26/1999	1100	12.9	10.2	98
5/26/1999	1200	13.3	10.2	99
5/26/1999	1300	13.6	10.3	100
5/26/1999	1400	14.0	10.2	101
5/26/1999	1500	14.3	10.2	101
5/26/1999	1600	14.6	10.2	102
5/26/1999	1700	14.7	10.2	102
5/26/1999	1800	14.8	10.1	101
5/26/1999	1900	14.7	10.1	101
5/26/1999	2000	14.6	10.1	101
5/26/1999	2100	14.4	10.1	100
5/26/1999	2200	14.2	10.0	99
5/26/1999	2300	14.1	10.0	99
5/27/1999	0	13.9	10.0	99
5/27/1999	100	13.8	10.0	98
5/27/1999	200	13.8	10.0	98
5/27/1999	300	13.8	10.0	98
5/27/1999	400	13.7	9.9	97
5/27/1999	500	13.8	9.9	97
5/27/1999	600	13.8	9.9	97
5/27/1999	700	13.7	9.9	97
5/27/1999	800	13.8	9.9	97
5/27/1999	900	13.9	9.9	97
5/27/1999	1000	14.1	9.9	98
5/27/1999	1100	14.4	9.9	99
5/27/1999	1200	14.7	10.0	100

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/27/1999	1300	15.0	10.0	100
5/27/1999	1400	15.3	10.0	101
5/27/1999	1500	15.8	10.1	105
5/27/1999	1600	15.8	10.1	105
5/27/1999	1700	15.9	10.1	105
5/27/1999	1800	15.9	10.0	104
5/27/1999	1900	15.8	10.0	104
5/27/1999	2000	15.7	9.9	103
5/27/1999	2100	15.5	9.9	102
5/27/1999	2200	15.4	9.9	102
5/27/1999	2300	15.2	9.8	101
5/28/1999	0	15.1	9.8	100
5/28/1999	100	15.0	9.8	100
5/28/1999	200	15.0	9.8	100
5/28/1999	300	14.9	9.7	99
5/28/1999	400	14.9	9.7	99
5/28/1999	500	15.0	9.6	98
5/28/1999	600	15.0	9.6	98
5/28/1999	700	15.0	9.6	98
5/28/1999	800	15.1	9.6	98
5/28/1999	900	15.2	9.6	98
5/28/1999	1000	15.5	9.6	99
5/28/1999	1100	15.7	9.7	100
5/28/1999	1200	16.0	9.7	101
5/28/1999	1300	16.3	9.7	102
5/28/1999	1400	16.6	9.7	102
5/28/1999	1500	16.9	9.7	103
5/28/1999	1600	17.0	9.7	103
5/28/1999	1700	17.2	9.7	103
5/28/1999	1800	17.2	9.6	103
5/28/1999	1900	17.1	9.6	102
5/28/1999	2000	16.9	9.5	101
5/28/1999	2100	16.8	9.5	100
5/28/1999	2200	16.6	9.4	99
5/28/1999	2300	16.5	9.3	98
5/29/1999	0	16.4	9.2	97
5/29/1999	100	16.3	9.2	96
5/29/1999	200	16.3	9.1	95
5/29/1999	300	16.2	9.1	95
5/29/1999	400	16.2	9.1	95
5/29/1999	500	16.2	9.0	94
5/29/1999	600	16.2	9.0	94
5/29/1999	700	16.2	9.0	95
5/29/1999	800	16.4	9.0	95
5/29/1999	900	16.6	9.0	95
5/29/1999	1000	16.9	9.1	96
5/29/1999	1100	17.4	9.1	97
5/29/1999	1200	17.9	9.1	98
5/29/1999	1300	18.4	9.1	99
5/29/1999	1400	18.6	9.1	100
5/29/1999	1500	19.0	9.1	100
5/29/1999	1600	19.3	9.1	101
5/29/1999	1700	19.5	9.1	101
5/29/1999	1800	19.5	9.0	100
5/29/1999	1900	19.3	8.8	98
5/29/1999	2000	19.1	8.8	97
5/29/1999	2100	18.9	8.7	96
5/29/1999	2200	18.7	8.7	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
5/29/1999	2300	18.4	8.7	95
5/30/1999	0	18.1	8.8	95
5/30/1999	100	17.8	8.7	94
5/30/1999	200	17.6	8.8	95
5/30/1999	300	17.4	8.8	95
5/30/1999	400	17.3	8.8	95
5/30/1999	500	17.2	8.8	94
5/30/1999	600	17.2	8.9	95
5/30/1999	700	17.3	8.8	94
5/30/1999	800	17.5	8.9	95
5/30/1999	900	17.7	8.8	95
5/30/1999	1000	17.9	8.9	96
5/30/1999	1100	18.3	8.9	97
5/30/1999	1200	18.7	9.0	99
5/30/1999	1300	19.0	9.0	99
5/30/1999	1400	19.3	9.0	100
5/30/1999	1500	19.5	8.9	100
5/30/1999	1600	19.6	9.0	101
5/30/1999	1700	19.6	9.0	101
5/30/1999	1800	19.5	9.0	100
5/30/1999	1900	19.4	8.9	100
5/30/1999	2000	19.1	8.8	98
5/30/1999	2100	18.9	8.8	98
5/30/1999	2200	18.7	8.9	97
5/30/1999	2300	18.5	8.8	97
5/31/1999	0	18.4	8.9	97
5/31/1999	100	18.2	8.8	96
5/31/1999	200	18.1	8.8	95
5/31/1999	300	18.1	8.7	95
5/31/1999	400	18.1	8.7	95
5/31/1999	500	18.1	8.7	94
5/31/1999	600	18.2	8.6	94
5/31/1999	700	18.3	8.6	94
5/31/1999	800	18.4	8.6	94
5/31/1999	900	18.5	8.7	95
5/31/1999	1000	18.7	8.7	96
5/31/1999	1100	18.7	8.7	95
5/31/1999	1200	18.7	8.6	95
5/31/1999	1300	18.7	8.6	95
5/31/1999	1400	18.6	8.6	95
5/31/1999	1500	18.7	8.6	95
5/31/1999	1600	18.9	8.7	96
5/31/1999	1700	19.0	8.7	97
5/31/1999	1800	18.8	8.6	95
5/31/1999	1900	18.7	8.6	95
5/31/1999	2000	18.5	8.6	94
5/31/1999	2100	18.3	8.5	93
5/31/1999	2200	18.1	8.5	92
5/31/1999	2300	17.9	8.5	92
6/1/1999	0	17.7	8.5	91
6/1/1999	100	17.5	8.5	91
6/1/1999	200	17.3	8.4	90
6/1/1999	300	17.1	8.5	90
6/1/1999	400	17.0	8.5	90
6/1/1999	500	16.8	8.5	90
6/1/1999	600	16.7	8.5	90
6/1/1999	700	16.6	8.5	90
6/1/1999	800	16.6	8.5	90

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/1/1999	900	16.6	8.6	91
6/1/1999	1000	16.6	8.6	90
6/1/1999	1100	16.7	8.7	92
6/1/1999	1200	16.8	8.7	92
6/1/1999	1300	16.9	8.8	94
6/1/1999	1400	17.0	8.8	94
6/1/1999	1500	17.1	8.8	94
6/1/1999	1600	17.3	8.9	95
6/1/1999	1700	17.3	8.9	95
6/1/1999	1800	17.2	8.8	94
6/1/1999	1900	17.1	8.8	94
6/1/1999	2000	17.0	8.8	93
6/1/1999	2100	16.9	8.8	93
6/1/1999	2200	16.7	8.7	93
6/1/1999	2300	16.6	8.7	91
6/2/1999	0	16.5	8.7	91
6/2/1999	100	16.3	8.7	91
6/2/1999	200	16.2	8.7	91
6/2/1999	300	16.0	8.7	91
6/2/1999	400	15.9	8.7	91
6/2/1999	500	15.8	8.7	90
6/2/1999	600	15.7	8.8	91
6/2/1999	700	15.6	8.8	90
6/2/1999	800	15.6	8.7	90
6/2/1999	900	15.6	8.9	91
6/2/1999	1000	15.7	8.8	91
6/2/1999	1100	15.8	9.0	93
6/2/1999	1200	16.1	9.0	94
6/2/1999	1300	16.5	9.1	96
6/2/1999	1400	17.0	9.2	98
6/2/1999	1500	17.6	9.2	99
6/2/1999	1600	18.0	9.2	100
6/2/1999	1700	18.1	9.1	99
6/2/1999	1800	18.1	9.1	99
6/2/1999	1900	17.9	9.0	97
6/2/1999	2000	17.7	8.8	95
6/2/1999	2100	17.5	8.7	94
6/2/1999	2200	17.3	8.7	93
6/2/1999	2300	17.1	8.6	92
6/3/1999	0	16.8	8.7	92
6/3/1999	100	16.5	8.6	90
6/3/1999	200	16.2	8.6	90
6/3/1999	300	15.9	8.6	90
6/3/1999	400	15.7	8.6	89
6/3/1999	500	15.4	8.6	89
6/3/1999	600	15.2	8.7	89
6/3/1999	700	15.1	8.7	89
6/3/1999	800	15.0	8.8	90
6/3/1999	900	15.2	8.9	91
6/3/1999	1000	15.5	9.0	93
6/3/1999	1100	16.0	9.1	95
6/3/1999	1200	16.7	9.3	98
6/3/1999	1300	17.5	9.4	101
6/3/1999	1400	18.3	9.4	103
6/3/1999	1500	18.9	9.4	104
6/3/1999	1600	19.3	9.4	105
6/3/1999	1700	19.5	9.4	105
6/3/1999	1800	19.5	9.2	103

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/3/1999	1900	19.3	9.0	101
6/3/1999	2000	19.0	8.8	97
6/3/1999	2100	18.7	8.6	94
6/3/1999	2200	18.5	8.5	93
6/3/1999	2300	18.3	8.4	92
6/4/1999	0	18.1	8.5	92
6/4/1999	100	17.8	8.5	91
6/4/1999	200	17.4	8.5	91
6/4/1999	300	17.1	8.5	91
6/4/1999	400	16.7	8.6	90
6/4/1999	500	16.4	8.6	90
6/4/1999	600	16.0	8.6	90
6/4/1999	700	15.9	8.7	91
6/4/1999	800	15.9	8.8	91
6/4/1999	900	16.0	9.0	93
6/4/1999	1000	16.4	9.1	96
6/4/1999	1100	16.7	9.2	98
6/4/1999	1200	17.2	9.2	98
6/4/1999	1300	17.7	9.2	99
6/4/1999	1400	18.0	9.2	100
6/4/1999	1500	18.2	9.1	99
6/4/1999	1600	18.3	9.0	98
6/4/1999	1700	18.3	9.0	98
6/4/1999	1800	18.4	8.9	97
6/4/1999	1900	18.4	8.9	97
6/4/1999	2000	18.4	8.8	96
6/4/1999	2100	18.4	8.7	95
6/4/1999	2200	18.3	8.6	94
6/4/1999	2300	18.2	8.6	94
6/5/1999	0	18.1	8.6	93
6/5/1999	100	17.8	8.6	93
6/5/1999	200	17.6	8.5	92
6/5/1999	300	17.3	8.5	91
6/5/1999	400	17.0	8.6	91
6/5/1999	500	16.8	8.6	91
6/5/1999	600	16.7	8.6	91
6/5/1999	700	16.6	8.7	92
6/5/1999	800	16.6	8.7	92
6/5/1999	900	16.7	8.8	93
6/5/1999	1000	16.8	8.8	94
6/5/1999	1100	16.8	8.8	93
6/5/1999	1200	16.9	8.9	94
6/5/1999	1300	17.4	9.0	97
6/5/1999	1400	17.9	9.1	99
6/5/1999	1500	18.4	9.1	99
6/5/1999	1600	18.6	9.0	99
6/5/1999	1700	19.0	8.9	99
6/5/1999	1800	19.2	8.9	99
6/5/1999	1900	19.4	8.8	98
6/5/1999	2000	19.3	8.7	97
6/5/1999	2100	19.3	8.5	95
6/5/1999	2200	19.3	8.5	95
6/5/1999	2300	19.3	8.5	94
6/6/1999	0	19.2	8.4	93
6/6/1999	100	19.1	8.4	93
6/6/1999	200	19.0	8.3	92
6/6/1999	300	18.8	8.4	92
6/6/1999	400	18.6	8.4	92

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/6/1999	500	18.5	8.3	91
6/6/1999	600	18.3	8.3	90
6/6/1999	700	18.1	8.4	91
6/6/1999	800	18.1	8.4	92
6/6/1999	900	18.2	8.5	93
6/6/1999	1000	18.5	8.7	95
6/6/1999	1100	18.9	8.8	97
6/6/1999	1200	19.5	8.9	100
6/6/1999	1300	20.0	8.8	99
6/6/1999	1400	20.4	8.8	101
6/6/1999	1500	20.9	8.9	102
6/6/1999	1600	21.3	8.8	102
6/6/1999	1700	21.5	8.6	100
6/6/1999	1800	21.5	8.5	99
6/6/1999	1900	21.5	8.4	98
6/6/1999	2000	21.4	8.3	97
6/6/1999	2100	21.2	8.2	95
6/6/1999	2200	21.1	8.2	95
6/6/1999	2300	20.9	8.2	94
6/7/1999	0	20.6	8.1	93
6/7/1999	100	20.4	8.1	92
6/7/1999	200	20.1	8.2	92
6/7/1999	300	19.8	8.2	92
6/7/1999	400	19.6	8.2	92
6/7/1999	500	19.4	8.2	92
6/7/1999	600	19.3	8.2	92
6/7/1999	700	19.2	8.2	92
6/7/1999	800	19.3	8.3	92
6/7/1999	900	19.4	8.3	93
6/7/1999	1000	19.7	8.5	95
6/7/1999	1100	20.1	8.5	96
6/7/1999	1200	20.5	8.5	97
6/7/1999	1300	20.9	8.6	98
6/7/1999	1400	21.4	8.7	101
6/7/1999	1500	21.5	8.6	100
6/7/1999	1600	21.6	8.6	100
6/7/1999	1700	21.7	8.5	99
6/7/1999	1800	21.9	8.4	98
6/7/1999	1900	21.7	8.4	98
6/7/1999	2000	21.6	8.3	96
6/7/1999	2100	21.4	8.2	95
6/7/1999	2200	21.3	8.1	94
6/7/1999	2300	21.0	8.1	93
6/8/1999	0	20.8	8.1	93
6/8/1999	100	20.5	8.0	92
6/8/1999	200	20.3	8.1	92
6/8/1999	300	20.0	8.1	91
6/8/1999	400	19.8	8.1	91
6/8/1999	500	19.6	8.0	90
6/8/1999	600	19.5	8.1	90
6/8/1999	700	19.4	8.2	91
6/8/1999	800	19.4	8.2	91
6/8/1999	900	19.6	8.3	93
6/8/1999	1000	19.9	8.3	94
6/8/1999	1100	20.3	8.5	97
6/8/1999	1200	20.8	8.5	97
6/8/1999	1300	21.3	8.7	100
6/8/1999	1400	21.8	8.7	102

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/8/1999	1500	22.2	8.7	103
6/8/1999	1600	22.6	8.6	102
6/8/1999	1700	22.8	8.4	101
6/8/1999	1800	22.8	8.4	100
6/8/1999	1900	22.7	8.2	98
6/8/1999	2000	22.6	8.1	96
6/8/1999	2100	22.5	8.0	95
6/8/1999	2200	22.3	8.0	94
6/8/1999	2300	21.8	8.0	94
6/9/1999	0	21.6	8.0	93
6/9/1999	100	21.3	8.0	92
6/9/1999	200	20.9	8.0	92
6/9/1999	300	20.6	8.0	91
6/9/1999	400	20.4	7.9	90
6/9/1999	500	20.1	7.9	90
6/9/1999	600	20.0	8.0	90
6/9/1999	700	20.0	8.1	91
6/9/1999	800	20.0	8.1	92
6/9/1999	900	20.2	8.2	93
6/9/1999	1000	20.5	8.2	94
6/9/1999	1100	20.9	8.3	96
6/9/1999	1200	21.4	8.4	98
6/9/1999	1300	22.0	8.5	100
6/9/1999	1400	22.4	8.5	101
6/9/1999	1500	22.8	8.5	102
6/9/1999	1600	23.1	8.4	101
6/9/1999	1700	23.3	8.5	102
6/9/1999	1800	23.4	8.3	100
6/9/1999	1900	23.3	8.3	100
6/9/1999	2000	23.1	8.1	98
6/9/1999	2100	23.0	8.0	96
6/9/1999	2200	22.8	7.9	94
6/9/1999	2300	22.5	7.9	94
6/10/1999	0	22.3	7.9	93
6/10/1999	100	22.0	7.9	92
6/10/1999	200	21.7	7.8	91
6/10/1999	300	21.5	7.8	91
6/10/1999	400	21.3	7.8	90
6/10/1999	500	21.2	7.8	90
6/10/1999	600	21.1	7.8	90
6/10/1999	700	21.1	7.9	91
6/10/1999	800	21.2	7.9	91
6/10/1999	900	21.4	7.9	92
6/10/1999	1000	21.7	8.0	93
6/10/1999	1100	22.1	8.1	95
6/10/1999	1200	22.3	8.1	96
6/10/1999	1300	22.8	8.2	98
6/10/1999	1400	23.2	8.3	99
6/10/1999	1500	23.3	8.1	98
6/10/1999	1600	23.5	8.6	103
6/10/1999	1700	23.7	8.6	103
6/10/1999	1800	23.7	8.5	102
6/10/1999	1900	23.6	8.3	100
6/10/1999	2000	23.4	8.2	98
6/10/1999	2100	23.2	8.1	97
6/10/1999	2200	23.0	8.1	96
6/10/1999	2300	22.8	8.1	96
6/11/1999	0	22.6	8.0	95

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/11/1999	100	22.3	8.0	94
6/11/1999	200	22.1	8.0	93
6/11/1999	300	21.9	8.0	93
6/11/1999	400	21.8	7.9	92
6/11/1999	500	21.6	7.9	92
6/11/1999	600	21.6	7.9	92
6/11/1999	700	21.5	8.0	92
6/11/1999	800	21.6	8.0	93
6/11/1999	900	21.7	8.1	94
6/11/1999	1000	21.8	8.2	95
6/11/1999	1100	22.1	8.3	97
6/11/1999	1200	22.3	8.3	98
6/11/1999	1300	22.7	8.5	100
6/11/1999	1400	23.1	8.6	102
6/11/1999	1500	23.4	8.5	102
6/11/1999	1600	23.4	8.4	100
6/11/1999	1700	23.4	8.2	98
6/11/1999	1800	23.4	8.2	97
6/11/1999	1900	23.4	8.1	97
6/11/1999	2000	23.3	8.0	96
6/11/1999	2100	23.2	8.0	95
6/11/1999	2200	23.0	7.9	94
6/11/1999	2300	22.9	7.8	93
6/12/1999	0	22.7	7.8	92
6/12/1999	100	22.5	7.8	91
6/12/1999	200	22.3	7.7	90
6/12/1999	300	22.0	7.7	90
6/12/1999	400	21.8	7.7	89
6/12/1999	500	21.6	7.7	89
6/12/1999	600	21.5	7.7	89
6/12/1999	700	21.4	7.8	89
6/12/1999	800	21.5	7.8	90
6/12/1999	900	21.5	7.9	91
6/12/1999	1000	21.6	7.9	91
6/12/1999	1100	21.7	8.0	92
6/12/1999	1200	21.9	8.1	94
6/12/1999	1300	22.1	8.2	95
6/12/1999	1400	22.4	8.3	97
6/12/1999	1500	22.5	8.3	98
6/12/1999	1600	22.7	8.3	98
6/12/1999	1700	22.7	8.2	97
6/12/1999	1800	22.7	8.2	97
6/12/1999	1900	22.8	8.2	97
6/12/1999	2000	22.6	8.1	95
6/12/1999	2100	22.4	8.0	94
6/12/1999	2200	22.2	7.9	92
6/12/1999	2300	22.0	7.9	92
6/13/1999	0	21.8	7.9	91
6/13/1999	100	21.6	7.9	91
6/13/1999	200	21.3	7.9	91
6/13/1999	300	21.1	7.9	90
6/13/1999	400	20.9	7.9	90
6/13/1999	500	20.7	7.9	89
6/13/1999	600	20.6	7.9	90
6/13/1999	700	20.6	7.9	90
6/13/1999	800	20.6	8.0	91
6/13/1999	900	20.6	8.1	92
6/13/1999	1000	20.6	8.2	92

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/13/1999	1100	20.7	8.2	93
6/13/1999	1200	20.8	8.2	94
6/13/1999	1300	21.0	8.3	94
6/13/1999	1400	21.1	8.4	96
6/13/1999	1500	21.4	8.5	97
6/13/1999	1600	21.7	8.5	99
6/13/1999	1700	22.0	8.5	99
6/13/1999	1800	22.1	8.4	98
6/13/1999	1900	22.1	8.3	97
6/13/1999	2000	21.9	8.2	95
6/13/1999	2100	21.7	8.1	94
6/13/1999	2200	21.5	8.1	93
6/13/1999	2300	21.4	8.1	93
6/14/1999	0	21.2	8.1	93
6/14/1999	100	21.1	8.1	93
6/14/1999	200	20.9	8.1	92
6/14/1999	300	20.6	8.1	92
6/14/1999	400	20.4	8.1	91
6/14/1999	500	20.2	8.1	91
6/14/1999	600	20.1	8.1	91
6/14/1999	700	19.9	8.1	91
6/14/1999	800	19.9	8.1	91
6/14/1999	900	19.9	8.2	92
6/14/1999	1000	20.1	8.3	93
6/14/1999	1100	20.3	8.4	94
6/14/1999	1200	20.4	8.5	96
6/14/1999	1300	20.6	8.5	97
6/14/1999	1400	20.7	8.6	98
6/14/1999	1500	20.8	8.6	98
6/14/1999	1600	20.9	8.7	99
6/14/1999	1700	20.8	8.6	97
6/14/1999	1800	20.6	8.6	97
6/14/1999	1900	20.5	8.5	96
6/14/1999	2000	20.3	8.4	95
6/14/1999	2100	20.1	8.4	94
6/14/1999	2200	19.9	8.4	93
6/14/1999	2300	19.6	8.3	92
6/15/1999	0	19.3	8.3	92
6/15/1999	100	19.0	8.3	91
6/15/1999	200	18.7	8.3	91
6/15/1999	300	18.5	8.4	91
6/15/1999	400	18.3	8.4	91
6/15/1999	500	18.1	8.4	91
6/15/1999	600	18.0	8.5	91
6/15/1999	700	17.9	8.5	91
6/15/1999	800	18.0	8.5	92
6/15/1999	900	18.1	8.6	93
6/15/1999	1000	18.4	8.7	94
6/15/1999	1100	18.7	8.8	96
6/15/1999	1200	19.0	8.8	97
6/15/1999	1300	19.2	8.9	98
6/15/1999	1400	19.5	9.0	99
6/15/1999	1500	19.6	8.9	99
6/15/1999	1600	19.8	9.0	101
6/15/1999	1700	19.9	8.9	100
6/15/1999	1800	19.9	8.9	99
6/15/1999	1900	19.7	8.8	98
6/15/1999	2000	19.5	8.7	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/15/1999	2100	19.3	8.6	95
6/15/1999	2200	19.0	8.6	94
6/15/1999	2300	18.8	8.6	94
6/16/1999	0	18.5	8.5	92
6/16/1999	100	18.3	8.5	92
6/16/1999	200	18.1	8.5	91
6/16/1999	300	17.9	8.3	89
6/16/1999	400	17.6	8.4	89
6/16/1999	500	17.3	8.3	88
6/16/1999	600	17.0	8.4	88
6/16/1999	700	16.8	8.5	89
6/16/1999	800	16.8	8.6	90
6/16/1999	900	16.8	8.7	92
6/16/1999	1000	16.7	8.9	93
6/16/1999	1100	16.7	9.1	95
6/16/1999	1200	16.7	9.2	96
6/16/1999	1300	16.7	9.3	97
6/16/1999	1400	17.2	9.5	100
6/16/1999	1500	17.9	9.6	103
6/16/1999	1600	18.3	9.5	103
6/16/1999	1700	18.4	9.3	101
6/16/1999	1800	18.3	9.1	98
6/16/1999	1900	18.4	9.0	97
6/16/1999	2000	18.4	8.8	96
6/16/1999	2100	18.3	8.6	93
6/16/1999	2200	18.1	8.6	92
6/16/1999	2300	18.1	8.5	92
6/17/1999	0	17.9	8.5	91
6/17/1999	100	17.8	8.5	91
6/17/1999	200	17.7	8.4	90
6/17/1999	300	17.5	8.4	89
6/17/1999	400	17.3	8.4	89
6/17/1999	500	17.0	8.4	89
6/17/1999	600	16.8	8.5	89
6/17/1999	700	16.7	8.6	90
6/17/1999	800	16.6	8.7	91
6/17/1999	900	16.7	8.8	92
6/17/1999	1000	17.0	8.8	93
6/17/1999	1100	17.4	9.3	99
6/17/1999	1200	17.9	9.4	101
6/17/1999	1300	18.3	9.6	103
6/17/1999	1400	18.7	9.5	103
6/17/1999	1500	19.1	9.5	104
6/17/1999	1600	19.3	9.4	104
6/17/1999	1700	19.7	9.3	103
6/17/1999	1800	20.0	9.2	103
6/17/1999	1900	20.0	8.9	100
6/17/1999	2000	19.9	8.7	97
6/17/1999	2100	19.6	8.5	95
6/17/1999	2200	19.5	8.4	93
6/17/1999	2300	19.4	8.3	92
6/18/1999	0	19.2	8.2	91
6/18/1999	100	18.9	8.2	90
6/18/1999	200	18.6	8.3	90
6/18/1999	300	18.3	8.2	89
6/18/1999	400	18.0	8.3	89
6/18/1999	500	17.7	8.3	89
6/21/1999	1900	22.0	8.8	102

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/21/1999	2000	22.0	8.6	100
6/21/1999	2100	22.0	8.4	98
6/21/1999	2200	22.0	8.3	96
6/21/1999	2300	22.0	8.2	95
6/22/1999	0	21.8	8.1	94
6/22/1999	100	21.5	8.1	92
6/22/1999	200	21.2	8.0	91
6/22/1999	300	20.9	7.9	90
6/22/1999	400	20.6	7.9	89
6/22/1999	500	20.3	7.9	88
6/22/1999	600	20.0	7.8	87
6/22/1999	700	19.8	7.9	88
6/22/1999	800	19.8	8.1	90
6/22/1999	900	20.0	8.4	93
6/22/1999	1000	20.3	8.6	96
6/22/1999	1100	20.7	8.7	99
6/22/1999	1200	21.1	8.9	101
6/22/1999	1300	21.6	9.0	104
6/22/1999	1400	22.0	9.0	105
6/22/1999	1500	22.2	9.0	104
6/22/1999	1600	22.4	9.0	105
6/22/1999	1700	22.7	9.0	105
6/22/1999	1800	22.9	8.9	105
6/22/1999	1900	22.9	8.7	102
6/22/1999	2000	22.7	8.4	98
6/22/1999	2100	22.6	8.2	96
6/22/1999	2200	22.6	8.0	94
6/22/1999	2300	22.6	8.0	93
6/23/1999	0	22.5	7.9	92
6/23/1999	100	22.4	7.8	91
6/23/1999	200	22.2	7.7	90
6/23/1999	300	22.0	7.7	89
6/23/1999	400	21.8	7.6	87
6/23/1999	500	21.6	7.5	86
6/23/1999	600	21.4	7.5	85
6/23/1999	700	21.3	7.5	86
6/23/1999	800	21.3	7.7	88
6/23/1999	900	21.4	7.9	90
6/23/1999	1000	21.7	8.1	94
6/23/1999	1100	21.9	8.3	96
6/23/1999	1200	22.1	8.4	98
6/23/1999	1300	22.5	8.5	100
6/23/1999	1400	22.6	8.6	101
6/23/1999	1500	22.6	8.4	99
6/23/1999	1600	22.3	8.1	95
6/23/1999	1700	22.1	8.0	93
6/23/1999	1800	22.1	7.9	91
6/23/1999	1900	22.0	7.8	91
6/23/1999	2000	22.0	7.8	90
6/23/1999	2100	22.0	7.7	90
6/23/1999	2200	22.0	7.7	89
6/23/1999	2300	22.0	7.8	90
6/24/1999	0	22.0	7.7	89
6/24/1999	100	21.9	7.7	89
6/24/1999	200	21.7	7.6	88
6/24/1999	300	21.5	7.6	87
6/24/1999	400	21.3	7.6	86
6/24/1999	500	21.2	7.6	86

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/24/1999	600	21.0	7.6	86
6/24/1999	700	20.9	7.6	86
6/24/1999	800	20.9	7.6	86
6/24/1999	900	21.1	7.8	89
6/24/1999	1000	21.5	8.1	92
6/24/1999	1100	22.1	8.3	96
6/24/1999	1200	22.7	8.5	100
6/24/1999	1300	23.3	8.6	102
6/24/1999	1400	23.9	8.8	106
6/24/1999	1500	24.3	8.8	107
6/24/1999	1600	24.3	8.7	105
6/24/1999	1700	24.7	8.7	106
6/24/1999	1800	24.8	8.5	104
6/24/1999	1900	24.7	8.3	101
6/24/1999	2000	24.4	8.0	97
6/24/1999	2100	24.2	7.8	94
6/24/1999	2200	23.9	7.6	92
6/24/1999	2300	23.8	7.6	91
6/25/1999	0	23.5	7.5	90
6/25/1999	100	23.3	7.5	89
6/25/1999	200	22.9	7.5	88
6/25/1999	300	22.5	7.4	87
6/25/1999	400	22.1	7.4	86
6/25/1999	500	21.8	7.4	85
6/25/1999	600	21.5	7.4	85
6/25/1999	700	21.3	7.5	85
6/25/1999	800	21.1	7.6	87
6/25/1999	900	21.2	7.8	89
6/25/1999	1000	21.6	8.0	92
6/25/1999	1100	22.1	8.3	96
6/25/1999	1200	22.7	8.5	100
6/25/1999	1300	23.3	8.7	103
6/25/1999	1400	23.8	8.8	106
6/25/1999	1500	24.3	8.8	106
6/25/1999	1600	24.7	8.7	107
6/25/1999	1700	25.0	8.7	106
6/25/1999	1800	25.2	8.5	105
6/25/1999	1900	25.2	8.2	101
6/25/1999	2000	25.0	7.9	97
6/25/1999	2100	24.9	7.6	93
6/25/1999	2200	24.8	7.5	91
6/25/1999	2300	24.7	7.4	90
6/26/1999	0	24.6	7.3	89
6/26/1999	100	24.5	7.2	88
6/26/1999	200	24.3	7.2	87
6/26/1999	300	24.0	7.1	86
6/26/1999	400	23.7	7.1	85
6/26/1999	500	23.3	7.1	84
6/26/1999	600	23.0	7.1	84
6/26/1999	700	22.7	7.1	84
6/26/1999	800	22.5	7.2	84
6/26/1999	900	22.5	7.5	87
6/26/1999	1000	22.6	7.6	89
6/26/1999	1100	22.9	7.9	93
6/26/1999	1200	23.3	8.1	96
6/26/1999	1300	23.8	8.2	98
6/26/1999	1400	24.2	8.3	100
6/26/1999	1500	24.5	8.3	101

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/26/1999	1600	24.8	8.3	101
6/26/1999	1700	25.2	8.3	102
6/26/1999	1800	25.4	8.2	101
6/26/1999	1900	25.3	8.0	98
6/26/1999	2000	25.2	7.7	95
6/26/1999	2100	25.1	7.5	92
6/26/1999	2200	25.0	7.3	89
6/26/1999	2300	25.0	7.2	89
6/27/1999	0	24.8	7.2	88
6/27/1999	100	24.7	7.1	87
6/27/1999	200	24.6	7.0	86
6/27/1999	300	24.4	7.0	85
6/27/1999	400	24.2	7.0	85
6/27/1999	500	23.9	7.0	84
6/27/1999	600	23.7	7.0	83
6/27/1999	700	23.5	7.0	83
6/27/1999	800	23.4	7.2	86
6/27/1999	900	23.3	7.4	88
6/27/1999	1000	23.5	7.6	90
6/27/1999	1100	23.9	7.9	95
6/27/1999	1200	24.3	8.1	98
6/27/1999	1300	24.7	8.2	100
6/27/1999	1400	24.9	8.3	101
6/27/1999	1500	25.2	8.3	102
6/27/1999	1600	25.2	8.1	99
6/27/1999	1700	25.0	7.7	95
6/27/1999	1800	25.0	7.5	91
6/27/1999	1900	25.0	7.4	90
6/27/1999	2000	25.0	7.3	90
6/27/1999	2100	24.9	7.2	88
6/27/1999	2200	24.9	7.1	87
6/27/1999	2300	24.9	7.0	86
6/28/1999	0	24.8	6.9	85
6/28/1999	100	24.7	6.9	84
6/28/1999	200	24.5	6.9	83
6/28/1999	300	24.3	6.7	82
6/28/1999	400	24.1	6.7	81
6/28/1999	500	23.8	6.7	80
6/28/1999	600	23.5	6.7	80
6/28/1999	700	23.3	6.9	81
6/28/1999	800	23.1	7.0	83
6/28/1999	900	23.2	7.2	85
6/28/1999	1000	23.4	7.6	90
6/28/1999	1100	23.5	7.7	92
6/28/1999	1200	23.5	7.7	91
6/28/1999	1300	23.5	7.8	93
6/28/1999	1400	23.7	7.9	95
6/28/1999	1500	23.8	7.9	94
6/28/1999	1600	23.6	7.7	92
6/28/1999	1700	23.3	7.5	89
6/28/1999	1800	23.2	7.4	88
6/28/1999	1900	23.2	7.5	89
6/28/1999	2000	23.1	7.3	87
6/28/1999	2100	22.9	7.3	86
6/28/1999	2200	22.7	7.3	85
6/28/1999	2300	22.6	7.2	84
6/29/1999	0	22.4	7.2	84
6/29/1999	100	22.2	7.2	83

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
6/29/1999	200	21.9	7.2	83
6/29/1999	300	21.6	7.1	82
6/29/1999	400	21.3	7.2	82
6/29/1999	500	21.1	7.1	81
6/29/1999	600	20.8	7.1	81
6/29/1999	700	20.6	7.2	81
6/29/1999	800	20.6	7.3	82
6/29/1999	900	20.6	7.5	85
6/29/1999	1000	20.8	7.9	89
6/29/1999	1100	21.1	8.1	93
6/29/1999	1200	21.6	8.5	98
6/29/1999	1300	22.0	8.7	101
6/29/1999	1400	22.5	8.9	104
6/29/1999	1500	23.0	9.0	106
6/29/1999	1600	22.9	8.7	102
6/29/1999	1700	23.2	8.6	102
6/29/1999	1800	23.4	8.5	101
6/29/1999	1900	23.3	8.3	99
6/29/1999	2000	23.2	8.0	95
6/29/1999	2100	23.0	7.8	92
6/29/1999	2200	22.8	7.6	89
6/29/1999	2300	22.7	7.5	88
6/30/1999	0	22.5	7.4	87
6/30/1999	100	22.3	7.4	86
6/30/1999	200	22.1	7.3	85
6/30/1999	300	21.8	7.2	83
6/30/1999	400	21.5	7.2	83
6/30/1999	500	21.2	7.2	82
6/30/1999	600	20.9	7.2	81
6/30/1999	700	20.6	7.2	81
6/30/1999	800	20.5	7.4	83
6/30/1999	900	20.6	7.6	86
6/30/1999	1000	20.9	8.1	92
6/30/1999	1100	21.0	8.3	94
6/30/1999	1200	21.2	8.5	97
6/30/1999	1300	21.2	8.4	96
6/30/1999	1400	21.0	8.2	93
6/30/1999	1500	21.1	8.4	95
6/30/1999	1600	21.1	8.2	93
6/30/1999	1700	21.0	8.0	91
6/30/1999	1800	21.1	8.1	92
6/30/1999	1900	21.2	8.1	93
6/30/1999	2000	21.3	8.0	91
6/30/1999	2100	21.2	7.8	89
6/30/1999	2200	21.1	7.6	87
6/30/1999	2300	21.2	7.6	86
7/1/1999	0	21.1	7.5	86
7/1/1999	100	21.0	7.4	85
7/1/1999	200	20.9	7.4	84
7/1/1999	300	20.8	7.3	83
7/1/1999	400	20.7	7.3	83
7/1/1999	500	20.5	7.3	82
7/1/1999	600	20.4	7.3	82
7/1/1999	700	20.3	7.3	82
7/1/1999	800	20.2	7.3	82
7/1/1999	900	20.2	7.4	82
7/1/1999	1000	20.1	7.4	83
7/1/1999	1100	20.0	7.5	84

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/1/1999	1200	19.9	7.7	86
7/1/1999	1300	20.1	7.9	88
7/1/1999	1400	20.4	8.1	91
7/1/1999	1500	20.6	8.2	93
7/1/1999	1600	20.7	8.6	98
7/1/1999	1700	20.9	8.5	96
7/1/1999	1800	21.1	8.3	94
7/1/1999	1900	21.0	8.1	92
7/1/1999	2000	20.9	7.9	89
7/1/1999	2100	20.8	7.7	87
7/1/1999	2200	20.8	7.6	86
7/1/1999	2300	20.7	7.6	85
7/2/1999	0	20.6	7.5	84
7/2/1999	100	20.5	7.4	83
7/2/1999	200	20.4	7.4	83
7/2/1999	300	20.2	7.3	82
7/2/1999	400	20.0	7.3	81
7/2/1999	500	19.9	7.2	80
7/2/1999	600	19.6	7.2	80
7/2/1999	700	19.5	7.3	80
7/2/1999	800	19.5	7.4	82
7/2/1999	900	19.5	7.6	83
7/2/1999	1000	19.8	7.9	87
7/2/1999	1100	20.2	8.1	91
7/2/1999	1200	20.7	8.5	96
7/2/1999	1300	21.3	8.8	101
7/2/1999	1400	21.7	8.6	98
7/2/1999	1500	22.2	9.1	106
7/2/1999	1600	22.4	8.7	101
7/2/1999	1700	22.5	8.4	99
7/2/1999	1800	22.7	8.3	98
7/2/1999	1900	22.7	8.0	94
7/2/1999	2000	22.7	7.7	91
7/2/1999	2100	22.6	7.6	89
7/2/1999	2200	22.5	7.4	87
7/2/1999	2300	22.5	7.3	86
7/3/1999	0	22.4	7.3	85
7/3/1999	100	22.3	7.1	83
7/3/1999	200	22.1	7.2	83
7/3/1999	300	21.9	7.1	82
7/3/1999	400	21.7	7.1	82
7/3/1999	500	21.5	7.0	81
7/3/1999	600	21.4	7.0	80
7/3/1999	700	21.2	7.0	80
7/3/1999	800	21.1	7.1	81
7/3/1999	900	21.0	7.1	80
7/3/1999	1000	20.9	7.0	80
7/3/1999	1100	20.9	7.2	82
7/3/1999	1200	20.8	7.4	83
7/3/1999	1300	20.9	7.4	84
7/3/1999	1400	21.0	7.6	87
7/3/1999	1500	21.3	7.9	91
7/3/1999	1600	21.4	8.3	95
7/3/1999	1700	21.4	7.8	90
7/3/1999	1800	21.4	7.7	88
7/3/1999	1900	21.5	7.6	87
7/3/1999	2000	21.5	7.6	87
7/3/1999	2100	21.4	7.4	85

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/3/1999	2200	21.4	7.4	85
7/3/1999	2300	21.4	7.4	84
7/4/1999	0	21.4	7.3	84
7/4/1999	100	21.5	7.2	83
7/4/1999	200	21.5	7.3	83
7/4/1999	300	21.4	7.2	83
7/4/1999	400	21.4	7.3	83
7/4/1999	500	21.3	7.2	83
7/4/1999	600	21.2	7.2	82
7/4/1999	700	21.2	7.3	83
7/4/1999	800	21.2	7.4	84
7/4/1999	900	21.3	7.4	85
7/4/1999	1000	21.5	7.5	86
7/4/1999	1100	21.7	7.5	87
7/4/1999	1200	21.9	7.6	88
7/4/1999	1300	22.2	7.6	88
7/4/1999	1400	22.5	7.9	92
7/4/1999	1500	22.9	8.0	94
7/4/1999	1600	23.1	7.7	91
7/4/1999	1700	23.3	7.8	93
7/4/1999	1800	23.4	7.7	92
7/4/1999	1900	23.4	7.6	90
7/4/1999	2000	23.3	7.5	89
7/4/1999	2100	23.2	7.4	88
7/4/1999	2200	23.1	7.4	87
7/4/1999	2300	22.9	7.3	86
7/5/1999	0	22.8	7.3	86
7/5/1999	100	22.6	7.3	85
7/5/1999	200	22.5	7.3	85
7/5/1999	300	22.4	7.2	85
7/5/1999	400	22.3	7.2	84
7/5/1999	500	22.3	7.2	84
7/5/1999	600	22.3	7.2	84
7/5/1999	700	22.4	7.2	84
7/5/1999	800	22.5	7.3	85
7/5/1999	900	22.6	7.3	85
7/5/1999	1000	22.8	7.3	86
7/5/1999	1100	23.1	7.3	87
7/5/1999	1200	23.2	7.3	87
7/5/1999	1300	23.3	7.4	88
7/5/1999	1400	23.5	7.5	89
7/5/1999	1500	23.7	7.5	90
7/5/1999	1600	23.8	7.5	90
7/5/1999	1700	23.8	7.4	88
7/5/1999	1800	23.8	7.4	89
7/5/1999	1900	23.7	7.4	88
7/5/1999	2000	23.6	7.3	87
7/5/1999	2100	23.5	7.3	87
7/5/1999	2200	23.3	7.3	86
7/5/1999	2300	23.1	7.2	86
7/6/1999	0	23.0	7.2	86
7/6/1999	100	22.9	7.2	85
7/6/1999	200	22.7	7.2	85
7/6/1999	300	22.5	7.3	85
7/6/1999	400	22.4	7.2	83
7/6/1999	500	22.3	7.4	86
7/6/1999	600	22.2	7.4	86
7/6/1999	700	22.2	7.3	85

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/6/1999	800	22.2	7.4	86
7/6/1999	900	22.4	7.4	86
7/6/1999	1000	22.5	7.4	87
7/6/1999	1100	22.7	7.4	87
7/6/1999	1200	22.9	7.5	88
7/6/1999	1300	23.1	7.6	90
7/6/1999	1400	23.3	7.6	90
7/6/1999	1500	23.5	7.6	91
7/6/1999	1600	23.6	7.6	91
7/6/1999	1700	23.7	7.6	91
7/6/1999	1800	23.7	7.3	88
7/6/1999	1900	23.6	7.3	87
7/6/1999	2000	23.5	7.2	86
7/6/1999	2100	23.3	7.2	86
7/6/1999	2200	23.1	7.1	84
7/6/1999	2300	22.9	7.2	84
7/7/1999	0	22.7	7.1	83
7/7/1999	100	22.5	7.1	84
7/7/1999	200	22.4	7.2	84
7/7/1999	300	22.3	7.2	83
7/7/1999	400	22.2	7.2	83
7/7/1999	500	22.1	7.1	83
7/7/1999	600	22.1	7.1	83
7/7/1999	700	22.1	7.1	82
7/7/1999	800	22.1	7.1	83
7/7/1999	900	22.3	7.1	83
7/7/1999	1000	22.5	7.2	84
7/7/1999	1100	22.7	7.3	85
7/7/1999	1200	22.9	7.4	87
7/7/1999	1300	23.2	7.5	89
7/7/1999	1400	23.4	7.6	90
7/7/1999	1500	23.6	7.6	90
7/7/1999	1600	23.8	7.5	90
7/7/1999	1700	23.9	7.4	89
7/7/1999	1800	23.9	7.5	90
7/7/1999	1900	23.8	7.5	89
7/7/1999	2000	23.6	7.3	87
7/7/1999	2100	23.4	7.3	86
7/7/1999	2200	23.1	7.3	86
7/7/1999	2300	22.9	7.3	86
7/8/1999	0	22.6	7.2	85
7/8/1999	100	22.4	7.3	85
7/8/1999	200	22.2	7.2	84
7/8/1999	300	22.0	7.2	84
7/8/1999	400	21.9	7.1	83
7/8/1999	500	21.8	7.2	83
7/8/1999	600	21.7	7.2	83
7/8/1999	700	21.6	7.2	83
7/8/1999	800	21.7	7.3	84
7/8/1999	900	21.8	7.2	84
7/8/1999	1000	21.9	7.3	84
7/8/1999	1100	22.0	7.2	84
7/8/1999	1200	22.0	7.2	84
7/8/1999	1300	21.9	8.2	96
7/8/1999	1400	21.9	8.2	95
7/8/1999	1500	21.8	8.2	95
7/8/1999	1600	21.8	8.2	95
7/8/1999	1700	21.6	8.2	95

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/8/1999	1800	21.4	8.2	94
7/8/1999	1900	21.1	8.2	94
7/8/1999	2000	20.9	8.2	93
7/8/1999	2100	20.7	8.2	93
7/8/1999	2200	20.5	8.2	93
7/8/1999	2300	20.3	8.2	92
7/9/1999	0	20.0	8.2	92
7/9/1999	100	19.8	8.2	91
7/9/1999	200	19.7	8.1	91
7/9/1999	300	19.6	8.1	90
7/9/1999	400	19.5	8.1	90
7/9/1999	500	19.5	8.0	89
7/9/1999	600	19.5	8.0	89
7/9/1999	700	19.5	8.0	89
7/9/1999	800	19.6	8.0	89
7/9/1999	900	19.7	8.1	90
7/9/1999	1000	19.8	8.1	90
7/9/1999	1100	19.8	8.1	90
7/9/1999	1200	19.8	8.1	90
7/9/1999	1300	19.8	8.1	91
7/9/1999	1400	20.2	8.2	92
7/9/1999	1500	20.3	8.2	93
7/9/1999	1600	20.4	8.2	93
7/9/1999	1700	20.5	8.2	93
7/9/1999	1800	20.3	8.2	93
7/9/1999	1900	20.2	8.2	92
7/9/1999	2000	20.2	8.2	92
7/9/1999	2100	20.2	8.2	92
7/9/1999	2200	20.1	8.2	92
7/9/1999	2300	20.0	8.2	92
7/10/1999	0	19.9	8.2	92
7/10/1999	100	19.8	8.2	91
7/10/1999	200	19.7	8.2	91
7/10/1999	300	19.6	8.3	92
7/10/1999	400	19.5	8.3	92
7/10/1999	500	19.4	8.3	92
7/10/1999	600	19.3	8.3	92
7/10/1999	700	19.3	8.4	92
7/10/1999	800	19.2	8.4	93
7/10/1999	900	19.2	8.5	93
7/10/1999	1000	19.3	8.5	94
7/10/1999	1100	19.5	8.5	95
7/10/1999	1200	19.7	8.6	96
7/10/1999	1300	19.9	8.6	96
7/10/1999	1400	20.1	8.7	97
7/10/1999	1500	20.3	8.6	97
7/10/1999	1600	20.5	8.7	98
7/10/1999	1700	20.6	8.7	98
7/10/1999	1800	20.6	8.7	98
7/10/1999	1900	20.5	8.7	98
7/10/1999	2000	20.3	8.6	97
7/10/1999	2100	20.2	8.6	97
7/10/1999	2200	20.1	8.6	97
7/10/1999	2300	19.9	8.6	97
7/11/1999	0	19.8	8.6	96
7/11/1999	100	19.7	8.5	95
7/11/1999	200	19.6	8.5	94
7/11/1999	300	19.5	8.5	94

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/11/1999	400	19.4	8.5	93
7/11/1999	500	19.3	8.5	93
7/11/1999	600	19.1	8.5	93
7/11/1999	700	19.0	8.5	93
7/11/1999	800	19.0	8.6	94
7/11/1999	900	19.1	8.6	94
7/11/1999	1000	19.2	8.6	95
7/11/1999	1100	19.4	8.7	96
7/11/1999	1200	19.7	8.8	97
7/11/1999	1300	19.9	8.8	98
7/11/1999	1400	20.0	8.8	99
7/11/1999	1500	20.0	8.7	98
7/11/1999	1600	19.9	8.7	97
7/11/1999	1700	20.1	8.8	98
7/11/1999	1800	20.4	8.7	99
7/11/1999	1900	20.5	8.7	98
7/11/1999	2000	20.4	8.6	97
7/11/1999	2100	20.3	8.6	97
7/11/1999	2200	20.1	8.5	96
7/11/1999	2300	19.9	8.5	95
7/12/1999	0	19.7	8.4	94
7/12/1999	100	19.6	8.4	94
7/12/1999	200	19.5	8.4	94
7/12/1999	300	19.4	8.4	93
7/12/1999	400	19.4	8.4	93
7/12/1999	500	19.3	8.4	92
7/12/1999	600	19.3	8.4	93
7/12/1999	700	19.3	8.4	93
7/12/1999	800	19.4	8.4	93
7/12/1999	900	19.6	8.4	94
7/12/1999	1000	19.9	8.4	94
7/12/1999	1100	20.3	8.5	96
7/12/1999	1200	20.7	8.5	96
7/12/1999	1300	20.9	8.5	97
7/12/1999	1400	21.2	8.6	98
7/12/1999	1500	21.5	8.6	99
7/12/1999	1600	21.7	8.5	99
7/12/1999	1700	21.8	8.5	99
7/12/1999	1800	21.8	8.5	98
7/12/1999	1900	21.7	8.5	98
7/12/1999	2000	21.5	8.4	97
7/12/1999	2100	21.3	8.4	96
7/12/1999	2200	21.1	8.3	95
7/12/1999	2300	20.9	8.3	95
7/13/1999	0	20.6	8.1	92
7/13/1999	100	20.4	8.3	93
7/13/1999	200	20.2	8.3	93
7/13/1999	300	20.1	8.2	92
7/13/1999	400	19.9	8.2	92
7/13/1999	500	19.8	8.2	92
7/13/1999	600	19.8	8.2	91
7/13/1999	700	19.7	8.2	92
7/13/1999	800	19.8	8.2	92
7/13/1999	900	20.0	8.3	92
7/13/1999	1000	20.3	8.3	94
7/13/1999	1100	20.6	8.4	95
7/13/1999	1200	20.9	8.4	96
7/13/1999	1300	21.2	8.4	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/13/1999	1400	21.3	8.4	96
7/13/1999	1500	21.4	8.4	96
7/13/1999	1600	21.5	8.4	97
7/13/1999	1700	21.5	8.4	96
7/13/1999	1800	21.6	8.4	96
7/13/1999	1900	21.5	8.3	96
7/13/1999	2000	21.4	8.3	95
7/13/1999	2100	21.2	8.2	94
7/13/1999	2200	21.0	8.2	94
7/13/1999	2300	20.8	8.2	93
7/14/1999	0	20.6	8.2	92
7/14/1999	100	20.4	8.1	92
7/14/1999	200	20.3	8.1	91
7/14/1999	300	20.2	8.1	91
7/14/1999	400	20.0	8.1	91
7/14/1999	500	20.0	8.0	90
7/14/1999	600	19.9	8.1	90
7/14/1999	700	19.9	8.1	90
7/14/1999	800	20.0	8.1	91
7/14/1999	900	20.1	8.1	91
7/14/1999	1000	20.2	8.1	91
7/14/1999	1100	20.4	8.2	92
7/14/1999	1200	20.7	8.2	94
7/14/1999	1300	20.9	8.2	93
7/14/1999	1400	21.0	8.2	93
7/14/1999	1500	21.6	8.3	96
7/14/1999	1600	21.8	8.2	95
7/14/1999	1700	21.8	8.1	94
7/14/1999	1800	21.9	8.2	95
7/14/1999	1900	22.0	8.2	95
7/14/1999	2000	21.9	8.1	94
7/14/1999	2100	21.8	8.0	93
7/14/1999	2200	21.8	8.0	93
7/14/1999	2300	21.7	8.0	92
7/15/1999	0	21.6	7.9	92
7/15/1999	100	21.4	7.9	92
7/15/1999	200	21.3	8.0	92
7/15/1999	300	21.2	7.9	91
7/15/1999	400	21.1	7.9	90
7/15/1999	500	21.0	8.0	91
7/15/1999	600	20.9	8.0	91
7/15/1999	700	20.9	8.0	91
7/15/1999	800	20.9	8.1	92
7/15/1999	900	21.1	8.1	92
7/15/1999	1000	21.4	8.1	93
7/15/1999	1100	21.8	8.2	94
7/15/1999	1200	22.1	8.3	96
7/15/1999	1300	22.6	8.2	97
7/15/1999	1400	22.9	8.3	98
7/15/1999	1500	23.1	8.3	98
7/15/1999	1600	23.3	8.3	99
7/15/1999	1700	23.2	8.2	97
7/15/1999	1800	23.1	8.1	97
7/15/1999	1900	22.9	8.2	97
7/15/1999	2000	22.9	8.2	98
7/15/1999	2100	22.8	8.2	97
7/15/1999	2200	22.6	8.3	98
7/15/1999	2300	22.6	8.3	97

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/16/1999	0	22.6	8.2	97
7/16/1999	100	22.5	8.3	97
7/16/1999	200	22.4	8.5	99
7/16/1999	300	22.4	8.5	99
7/16/1999	400	22.3	8.4	99
7/16/1999	500	22.2	8.4	98
7/16/1999	600	22.1	8.3	97
7/16/1999	700	22.0	8.4	98
7/16/1999	800	21.9	8.3	97
7/16/1999	900	21.9	8.5	98
7/16/1999	1000	21.9	8.4	98
7/16/1999	1100	22.1	8.4	98
7/16/1999	1200	22.3	8.4	98
7/16/1999	1300	22.6	8.4	99
7/16/1999	1400	22.8	8.3	98
7/16/1999	1500	23.0	8.3	99
7/16/1999	1600	23.1	8.3	98
7/16/1999	1700	23.1	8.3	99
7/16/1999	1800	23.0	8.3	98
7/16/1999	1900	23.0	8.3	98
7/16/1999	2000	22.9	8.2	97
7/16/1999	2100	22.9	8.2	97
7/16/1999	2200	22.8	8.1	96
7/16/1999	2300	22.8	8.1	96
7/17/1999	0	22.8	8.1	95
7/17/1999	100	22.7	8.0	94
7/17/1999	200	22.7	8.0	94
7/17/1999	300	22.7	7.9	94
7/17/1999	400	22.6	7.9	93
7/17/1999	500	22.5	7.8	92
7/17/1999	600	22.4	7.8	92
7/17/1999	700	22.2	7.8	92
7/17/1999	800	22.2	7.9	92
7/17/1999	900	22.2	7.9	92
7/17/1999	1000	22.3	8.0	93
7/17/1999	1100	22.4	8.0	94
7/17/1999	1200	22.7	8.0	95
7/17/1999	1300	22.9	8.1	95
7/17/1999	1400	23.2	8.1	96
7/17/1999	1500	23.4	8.1	97
7/17/1999	1600	23.6	8.1	97
7/17/1999	1700	23.6	8.0	96
7/17/1999	1800	23.7	8.0	96
7/17/1999	1900	23.6	8.0	96
7/17/1999	2000	23.5	7.9	95
7/17/1999	2100	23.4	7.9	95
7/17/1999	2200	23.2	7.9	94
7/17/1999	2300	23.1	7.9	94
7/18/1999	0	22.9	7.9	93
7/18/1999	100	22.8	7.9	93
7/18/1999	200	22.8	7.8	92
7/18/1999	300	22.7	7.8	92
7/18/1999	400	22.6	7.8	92
7/18/1999	500	22.6	7.7	90
7/18/1999	600	22.6	7.8	91
7/18/1999	700	22.6	7.8	92
7/18/1999	800	22.6	7.8	92
7/18/1999	900	22.6	7.9	92

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/18/1999	1000	22.6	7.9	93
7/18/1999	1100	22.8	7.8	92
7/18/1999	1200	22.9	7.9	94
7/18/1999	1300	23.1	7.9	94
7/18/1999	1400	23.3	8.0	95
7/18/1999	1500	23.4	7.9	94
7/18/1999	1600	23.6	7.8	94
7/18/1999	1700	23.8	7.9	95
7/18/1999	1800	23.7	7.8	94
7/18/1999	1900	23.6	7.7	93
7/18/1999	2000	23.5	7.7	92
7/18/1999	2100	23.4	7.7	92
7/18/1999	2200	23.3	7.6	91
7/18/1999	2300	23.1	7.6	90
7/19/1999	0	23.0	7.6	90
7/19/1999	100	22.8	7.6	89
7/19/1999	200	22.6	7.6	90
7/19/1999	300	22.5	7.6	89
7/19/1999	400	22.4	7.7	90
7/19/1999	500	22.3	7.6	89
7/19/1999	600	22.2	7.6	89
7/19/1999	700	22.2	7.6	89
7/19/1999	800	22.2	7.6	89
7/19/1999	900	22.3	7.7	90
7/19/1999	1000	22.5	7.7	90
7/19/1999	1100	22.7	7.8	92
7/19/1999	1200	23.0	7.8	92
7/19/1999	1300	23.3	7.8	93
7/19/1999	1400	23.5	7.8	94
7/19/1999	1500	23.9	7.8	94
7/19/1999	1600	24.0	7.9	95
7/19/1999	1700	24.1	7.8	95
7/19/1999	1800	24.1	7.8	95
7/19/1999	1900	24.0	7.8	94
7/19/1999	2000	23.8	7.8	93
7/19/1999	2100	23.6	7.8	93
7/19/1999	2200	23.4	7.6	91
7/19/1999	2300	23.2	7.6	91
7/20/1999	0	23.0	7.6	90
7/20/1999	100	22.8	7.6	90
7/20/1999	200	22.6	7.7	90
7/20/1999	300	22.4	7.6	89
7/20/1999	400	22.2	7.7	91
7/20/1999	500	22.1	7.7	90
7/20/1999	600	21.9	7.8	91
7/20/1999	700	21.9	7.8	90
7/20/1999	800	21.9	7.8	90
7/20/1999	900	22.0	7.8	91
7/20/1999	1000	22.2	7.9	92
7/20/1999	1100	22.6	7.9	93
7/20/1999	1200	22.9	7.9	94
7/20/1999	1300	23.2	7.9	95
7/20/1999	1400	23.4	7.9	95
7/20/1999	1500	23.5	7.9	95
7/20/1999	1600	23.6	7.9	94
7/20/1999	1700	23.6	7.9	95
7/20/1999	1800	23.5	7.8	94
7/20/1999	1900	23.4	7.8	94

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/20/1999	2000	23.3	7.8	93
7/20/1999	2100	23.1	7.7	92
7/20/1999	2200	22.9	7.7	92
7/20/1999	2300	22.7	7.7	91
7/21/1999	0	22.6	7.6	90
7/21/1999	100	22.5	7.6	90
7/21/1999	200	22.3	7.6	90
7/21/1999	300	22.3	7.6	89
7/21/1999	400	22.2	7.6	89
7/21/1999	500	22.1	7.7	90
7/21/1999	600	22.1	7.6	89
7/21/1999	700	22.0	7.6	89
7/21/1999	800	22.0	7.7	89
7/21/1999	900	22.1	7.7	90
7/21/1999	1000	22.1	7.7	90
7/21/1999	1100	22.1	7.6	89
7/21/1999	1200	22.2	7.6	89
7/21/1999	1300	22.2	7.7	90
7/21/1999	1400	22.4	7.7	91
7/21/1999	1500	22.6	7.8	92
7/21/1999	1600	22.7	7.8	92
7/21/1999	1700	22.8	7.8	92
7/21/1999	1800	22.8	7.7	91
7/21/1999	1900	22.9	7.7	91
7/21/1999	2000	22.8	7.7	90
7/21/1999	2100	22.7	7.6	90
7/21/1999	2200	22.5	7.6	89
7/21/1999	2300	22.4	7.5	88
7/22/1999	0	22.2	7.5	87
7/22/1999	100	22.1	7.4	86
7/22/1999	200	21.9	7.4	86
7/22/1999	300	21.7	7.4	86
7/22/1999	400	21.5	7.4	86
7/22/1999	500	21.3	7.5	87
7/22/1999	600	21.1	7.5	86
7/22/1999	700	20.9	7.5	85
7/22/1999	800	20.9	7.6	87
7/22/1999	900	21.1	7.6	87
7/22/1999	1000	21.4	7.7	89
7/22/1999	1100	21.8	7.8	90
7/22/1999	1200	22.4	8.0	94
7/22/1999	1300	22.8	8.1	95
7/22/1999	1400	23.3	8.1	96
7/22/1999	1500	23.8	8.1	98
7/22/1999	1600	24.2	8.0	97
7/22/1999	1700	24.6	8.1	99
7/22/1999	1800	24.8	7.9	97
7/22/1999	1900	24.8	7.9	97
7/22/1999	2000	24.8	7.7	95
7/22/1999	2100	24.7	7.7	94
7/22/1999	2200	24.6	7.6	93
7/22/1999	2300	24.4	7.5	92
7/23/1999	0	24.2	7.5	91
7/23/1999	100	24.0	7.5	90
7/23/1999	200	23.7	7.5	90
7/23/1999	300	23.4	7.5	89
7/23/1999	400	23.3	7.4	89
7/23/1999	500	23.1	7.4	88

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/23/1999	600	23.0	7.4	88
7/23/1999	700	22.9	7.4	88
7/23/1999	800	22.9	7.5	88
7/23/1999	900	22.8	7.5	89
7/23/1999	1000	22.8	7.5	89
7/23/1999	1100	23.2	7.7	91
7/23/1999	1200	23.7	7.8	93
7/23/1999	1300	24.2	7.9	95
7/23/1999	1400	24.7	7.8	96
7/23/1999	1500	25.1	7.9	98
7/23/1999	1600	25.5	7.8	97
7/23/1999	1700	25.7	7.8	97
7/23/1999	1800	25.9	7.7	97
7/23/1999	1900	26.0	7.6	95
7/23/1999	2000	25.9	7.5	94
7/23/1999	2100	25.8	7.4	93
7/23/1999	2200	25.7	7.3	92
7/23/1999	2300	25.5	7.3	91
7/24/1999	0	25.2	7.3	90
7/24/1999	100	24.9	7.3	90
7/24/1999	200	24.6	7.3	89
7/24/1999	300	24.2	7.3	88
7/24/1999	400	23.9	7.3	88
7/24/1999	500	23.6	7.3	87
7/24/1999	600	23.4	7.3	87
7/24/1999	700	23.3	7.3	87
7/24/1999	800	23.2	7.3	87
7/24/1999	900	23.3	7.4	88
7/24/1999	1000	23.6	7.5	90
7/24/1999	1100	24.0	7.7	92
7/24/1999	1200	24.4	7.8	95
7/24/1999	1300	24.8	7.9	97
7/24/1999	1400	25.2	7.8	96
7/24/1999	1500	25.5	7.9	97
7/24/1999	1600	25.8	7.9	98
7/24/1999	1700	26.0	7.9	99
7/24/1999	1800	26.1	7.7	97
7/24/1999	1900	26.1	7.7	96
7/24/1999	2000	26.0	7.5	94
7/24/1999	2100	25.8	7.4	93
7/24/1999	2200	25.6	7.4	92
7/24/1999	2300	25.4	7.3	91
7/25/1999	0	25.2	7.3	90
7/25/1999	100	24.9	7.3	89
7/25/1999	200	24.6	7.2	88
7/25/1999	300	24.3	7.3	88
7/25/1999	400	24.0	7.3	88
7/25/1999	500	23.7	7.3	87
7/25/1999	600	23.5	7.3	87
7/25/1999	700	23.3	7.4	88
7/25/1999	800	23.2	7.4	88
7/25/1999	900	23.3	7.5	89
7/25/1999	1000	23.6	7.6	91
7/25/1999	1100	24.0	7.7	93
7/25/1999	1200	24.5	7.8	95
7/25/1999	1300	25.0	7.9	97
7/25/1999	1400	25.5	8.0	99
7/25/1999	1500	25.9	8.0	100

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/25/1999	1600	26.3	7.9	100
7/25/1999	1700	26.6	7.9	100
7/25/1999	1800	26.6	7.8	99
7/25/1999	1900	26.6	7.6	97
7/25/1999	2000	26.6	7.5	95
7/25/1999	2100	26.5	7.4	94
7/25/1999	2200	26.3	7.3	93
7/25/1999	2300	26.1	7.3	92
7/26/1999	0	25.9	7.3	91
7/26/1999	100	25.7	7.3	90
7/26/1999	200	25.4	7.2	89
7/26/1999	300	25.1	7.2	89
7/26/1999	400	24.9	7.2	89
7/26/1999	500	24.7	7.2	88
7/26/1999	600	24.4	7.2	88
7/26/1999	700	24.3	7.2	87
7/26/1999	800	24.2	7.3	89
7/26/1999	900	24.2	7.4	90
7/26/1999	1000	24.3	7.5	91
7/26/1999	1100	24.6	7.6	93
7/26/1999	1200	24.9	7.7	94
7/26/1999	1300	25.4	7.8	97
7/26/1999	1400	25.8	7.8	98
7/26/1999	1500	26.2	7.9	99
7/26/1999	1600	26.5	7.9	100
7/26/1999	1700	26.8	7.9	100
7/26/1999	1800	26.8	7.8	99
7/26/1999	1900	26.8	7.6	97
7/26/1999	2000	26.7	7.5	95
7/26/1999	2100	26.6	7.3	93
7/26/1999	2200	26.4	7.3	92
7/26/1999	2300	26.2	7.2	91
7/27/1999	0	26.0	7.2	90
7/27/1999	100	25.7	7.1	89
7/27/1999	200	25.3	7.1	88
7/27/1999	300	24.9	7.1	87
7/27/1999	400	24.6	7.1	87
7/27/1999	500	24.2	7.1	86
7/27/1999	600	23.8	7.1	86
7/27/1999	700	23.5	7.1	86
7/27/1999	800	23.4	7.2	86
7/27/1999	900	23.3	7.3	87
7/27/1999	1000	23.5	7.5	90
7/27/1999	1100	23.9	7.8	94
7/27/1999	1200	24.3	7.9	96
7/27/1999	1300	24.8	8.1	100
7/27/1999	1400	25.3	8.2	102
7/27/1999	1500	25.7	8.4	104
7/27/1999	1600	26.0	8.3	104
7/27/1999	1700	26.2	8.2	104
7/27/1999	1800	26.3	8.1	102
7/27/1999	1900	26.3	7.9	99
7/27/1999	2000	26.2	7.6	96
7/27/1999	2100	26.1	7.4	94
7/27/1999	2200	26.1	7.3	92
7/27/1999	2300	26.1	7.2	91
7/28/1999	0	26.0	7.1	90
7/28/1999	100	25.8	7.1	89

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE	HOUR	TEMPERATURE	DO	DO
mm/dd/yy	(0-2300)	(Degrees C)	(mg/l)	(% Saturation)
7/28/1999	200	25.7	7.1	88
7/28/1999	300	25.4	7.0	87
7/28/1999	400	25.1	7.0	86
7/28/1999	500	24.7	7.0	86
7/28/1999	600	24.5	7.0	86
7/28/1999	700	24.3	7.1	86
7/28/1999	800	24.1	7.1	86
7/28/1999	900	24.1	7.2	88
7/28/1999	1000	24.2	7.4	90
7/28/1999	1100	24.7	7.6	93
7/28/1999	1200	25.1	7.8	96
7/28/1999	1300	25.6	7.9	99
7/28/1999	1400	26.0	8.0	101
7/28/1999	1500	26.5	8.1	103
7/28/1999	1600	26.8	8.2	104
7/28/1999	1700	27.0	8.1	103
7/28/1999	1800	27.0	8.0	102
7/28/1999	1900	26.9	7.8	99
7/28/1999	2000	26.8	7.6	96
7/28/1999	2100	26.8	7.4	94
7/28/1999	2200	26.7	7.3	93
7/28/1999	2300	26.6	7.2	92
7/29/1999	0	26.4	7.2	91
7/29/1999	100	26.2	7.1	89
7/29/1999	200	25.9	7.0	88
7/29/1999	300	25.6	7.0	87
7/29/1999	400	25.3	7.0	87
7/29/1999	500	24.9	7.0	86
7/29/1999	600	24.6	7.0	85
7/29/1999	700	24.3	7.0	86
7/29/1999	800	24.1	7.1	86
7/29/1999	900	24.1	7.2	88
7/29/1999	1000	24.2	7.4	90
7/29/1999	1100	24.5	7.6	93
7/29/1999	1200	24.9	7.8	95
7/29/1999	1300	25.5	7.9	98
7/29/1999	1400	26.1	8.0	100
7/29/1999	1500	26.5	8.0	101
7/29/1999	1600	26.9	8.0	103
7/29/1999	1700	27.1	7.9	101
7/29/1999	1800	27.3	7.9	101
7/29/1999	1900	27.3	7.7	98
7/29/1999	2000	27.1	7.5	96
7/29/1999	2100	27.0	7.3	93
7/29/1999	2200	26.9	7.2	92
7/29/1999	2300	26.8	7.1	91
7/30/1999	0	26.6	7.1	89
7/30/1999	100	26.3	7.0	89
7/30/1999	200	26.0	7.0	88
7/30/1999	300	25.7	7.0	87
7/30/1999	400	25.3	7.0	86
7/30/1999	500	25.0	7.0	86
7/30/1999	600	24.6	7.0	85
7/30/1999	700	24.3	7.0	85
7/30/1999	800	24.1	7.1	86
7/30/1999	900	24.2	7.2	87
7/30/1999	1000	24.3	7.4	90
7/30/1999	1100	24.6	7.6	93

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
7/30/1999	1200	25.1	7.8	96
7/30/1999	1300	25.7	7.9	99
7/30/1999	1400	26.3	8.0	101
7/30/1999	1500	26.9	8.0	102
7/30/1999	1600	27.3	8.1	104
7/30/1999	1700	27.7	7.9	103
7/30/1999	1800	27.8	7.8	101
7/30/1999	1900	27.8	7.6	98
7/30/1999	2000	27.8	7.4	96
7/30/1999	2100	27.8	7.2	93
7/30/1999	2200	27.8	7.1	92
7/30/1999	2300	27.7	7.0	91
7/31/1999	0	27.4	7.0	90
7/31/1999	100	27.2	7.0	90
7/31/1999	200	27.0	6.9	88
7/31/1999	300	26.6	6.9	88
7/31/1999	400	26.2	6.9	87
7/31/1999	500	25.9	6.9	86
7/31/1999	600	25.8	6.9	86
7/31/1999	700	25.3	6.9	85
7/31/1999	800	25.2	6.9	86
7/31/1999	900	25.0	7.0	86
7/31/1999	1000	25.1	7.1	88
7/31/1999	1100	25.4	7.4	92
7/31/1999	1200	25.8	7.6	95
7/31/1999	1300	26.3	7.8	98
7/31/1999	1400	26.5	7.8	99
7/31/1999	1500	27.0	8.1	103
7/31/1999	1600	27.2	8.0	103
7/31/1999	1700	27.4	8.0	102
7/31/1999	1800	27.3	7.8	100
7/31/1999	1900	27.2	7.6	98
7/31/1999	2000	27.1	7.4	94
7/31/1999	2100	26.8	7.3	92
7/31/1999	2200	26.8	7.2	91
7/31/1999	2300	26.6	7.1	90
8/1/1999	0	26.4	7.1	89
8/1/1999	100	26.2	7.0	88
8/1/1999	200	25.8	7.0	87
8/1/1999	300	25.5	7.0	86
8/1/1999	400	25.1	7.0	86
8/1/1999	500	24.7	7.0	85
8/1/1999	600	24.3	7.0	85
8/1/1999	700	24.0	7.0	85
8/1/1999	800	23.8	7.1	85
8/1/1999	900	23.8	7.2	87
8/1/1999	1000	23.9	7.5	90
8/1/1999	1100	24.2	7.7	93
8/1/1999	1200	24.7	7.9	97
8/1/1999	1300	24.9	7.9	97
8/1/1999	1400	25.3	8.1	100
8/1/1999	1500	25.6	8.2	102
8/1/1999	1600	25.8	8.2	102
8/1/1999	1700	25.8	8.1	101
8/1/1999	1800	25.9	8.0	100
8/1/1999	1900	25.8	7.8	98
8/1/1999	2000	25.6	7.7	96
8/1/1999	2100	25.5	7.5	93

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/1/1999	2200	25.3	7.4	92
8/1/1999	2300	25.2	7.3	90
8/2/1999	0	24.9	7.3	89
8/2/1999	100	24.6	7.2	88
8/2/1999	200	24.4	7.2	87
8/2/1999	300	24.1	7.1	86
8/2/1999	400	23.8	7.1	86
8/2/1999	500	23.5	7.1	85
8/2/1999	600	23.2	7.1	84
8/2/1999	700	23.0	7.1	84
8/2/1999	800	22.8	7.2	84
8/2/1999	900	22.7	7.3	86
8/2/1999	1000	22.8	7.6	90
8/2/1999	1100	23.2	8.0	96
8/2/1999	1200	23.6	8.1	98
8/2/1999	1300	24.0	8.4	102
8/2/1999	1400	24.4	8.6	105
8/2/1999	1500	24.7	8.7	107
8/2/1999	1600	25.0	8.6	106
8/2/1999	1700	25.0	8.5	105
8/2/1999	1800	25.1	8.3	103
8/2/1999	1900	25.1	8.1	100
8/2/1999	2000	25.1	7.9	97
8/2/1999	2100	25.1	7.7	95
8/2/1999	2200	25.1	7.6	94
8/2/1999	2300	25.1	7.5	92
8/3/1999	0	25.0	7.4	91
8/3/1999	100	24.8	7.3	89
8/3/1999	200	24.5	7.3	88
8/3/1999	300	24.3	7.2	87
8/3/1999	400	24.1	7.1	86
8/3/1999	500	23.8	7.2	86
8/3/1999	600	23.6	7.1	85
8/3/1999	700	23.4	7.1	85
8/3/1999	800	23.2	7.2	86
8/3/1999	900	23.0	7.3	86
8/3/1999	1000	22.9	7.3	87
8/3/1999	1100	23.0	7.6	90
8/3/1999	1200	23.2	7.9	94
8/3/1999	1300	23.4	8.0	96
8/3/1999	1400	23.5	8.0	95
8/3/1999	1500	23.4	7.8	93
8/3/1999	1600	23.8	8.1	97
8/3/1999	1700	24.1	8.1	98
8/3/1999	1800	24.2	8.0	97
8/3/1999	1900	24.2	7.8	95
8/3/1999	2000	24.2	7.6	93
8/3/1999	2100	24.2	7.5	91
8/3/1999	2200	24.2	7.4	90
8/3/1999	2300	24.1	7.4	89
8/4/1999	0	24.0	7.3	88
8/4/1999	100	23.9	7.3	88
8/4/1999	200	23.7	7.2	87
8/4/1999	300	23.5	7.2	86
8/4/1999	400	23.3	7.2	86
8/4/1999	500	23.1	7.1	85
8/4/1999	600	22.8	7.2	85
8/4/1999	700	22.5	7.2	84

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/4/1999	800	22.4	7.2	84
8/4/1999	900	22.3	7.4	86
8/4/1999	1000	22.5	7.9	92
8/4/1999	1100	22.8	8.3	97
8/4/1999	1200	23.2	8.4	99
8/4/1999	1300	23.4	8.3	99
8/4/1999	1400	23.5	8.4	101
8/4/1999	1500	23.7	8.6	103
8/4/1999	1600	23.9	8.5	103
8/4/1999	1700	24.2	8.6	104
8/4/1999	1800	24.2	8.4	101
8/4/1999	1900	24.0	8.1	98
8/4/1999	2000	23.9	7.7	93
8/4/1999	2100	23.8	7.6	92
8/4/1999	2200	23.9	7.5	90
8/4/1999	2300	23.8	7.4	89
8/5/1999	0	23.7	7.3	87
8/5/1999	100	23.5	7.2	86
8/5/1999	200	23.2	7.1	85
8/5/1999	300	23.0	7.1	84
8/5/1999	400	22.7	7.1	84
8/5/1999	500	22.4	7.1	83
8/5/1999	600	22.1	7.1	82
8/5/1999	700	21.8	7.1	83
8/5/1999	800	21.6	7.2	83
8/5/1999	900	21.6	7.4	85
8/5/1999	1000	21.8	8.1	94
8/5/1999	1100	22.1	8.5	99
8/5/1999	1200	22.6	8.7	102
8/5/1999	1300	23.0	8.7	103
8/5/1999	1400	23.6	8.6	103
8/5/1999	1500	23.7	8.8	106
8/5/1999	1700	24.1	9.1	110
8/5/1999	1800	24.2	8.9	109
8/5/1999	1900	24.2	8.7	105
8/5/1999	2000	24.2	8.4	102
8/5/1999	2100	24.2	8.2	100
8/5/1999	2200	24.1	8.1	98
8/5/1999	2300	24.0	8.0	97
8/6/1999	0	23.9	7.9	96
8/6/1999	100	23.8	7.8	94
8/6/1999	200	23.6	7.8	93
8/6/1999	300	23.4	7.7	92
8/6/1999	400	23.2	7.7	91
8/6/1999	500	22.9	7.7	91
8/6/1999	600	22.6	7.7	90
8/6/1999	700	22.3	7.7	90
8/6/1999	800	22.1	7.8	91
8/6/1999	900	22.1	7.9	92
8/6/1999	1000	22.2	8.2	96
8/6/1999	1100	22.6	8.5	101
8/6/1999	1200	23.0	8.8	105
8/6/1999	1300	23.5	9.2	110
8/6/1999	1400	23.9	9.2	111
8/6/1999	1500	24.3	9.4	114
8/6/1999	1600	24.6	9.4	115
8/6/1999	1700	24.7	9.2	113
8/6/1999	1800	24.5	8.9	108

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/6/1999	1900	24.5	8.7	106
8/6/1999	2000	24.3	8.5	103
8/6/1999	2100	24.2	8.3	101
8/6/1999	2200	24.2	8.2	100
8/6/1999	2300	24.0	8.1	98
8/7/1999	0	23.9	8.0	97
8/7/1999	100	23.7	7.9	95
8/7/1999	200	23.5	7.8	94
8/7/1999	300	23.3	7.8	93
8/7/1999	400	23.0	7.7	92
8/7/1999	500	22.8	7.7	91
8/7/1999	600	22.5	7.7	90
8/7/1999	700	22.3	7.7	90
8/7/1999	800	22.2	7.8	91
8/7/1999	900	22.2	8.0	93
8/7/1999	1000	22.2	8.3	97
8/7/1999	1100	22.4	8.7	102
8/7/1999	1200	22.9	9.3	110
8/7/1999	1300	23.5	9.6	115
8/7/1999	1400	23.8	9.5	114
8/7/1999	1500	24.1	9.6	117
8/7/1999	1600	24.3	9.5	115
8/7/1999	1700	24.5	9.5	116
8/7/1999	1800	24.4	9.0	110
8/7/1999	1900	24.1	8.5	103
8/7/1999	2000	24.0	8.3	100
8/7/1999	2100	24.0	8.2	99
8/7/1999	2200	23.8	8.0	97
8/7/1999	2300	23.6	7.9	95
8/8/1999	0	23.4	7.9	94
8/8/1999	100	23.2	7.8	93
8/8/1999	200	23.0	7.7	91
8/8/1999	300	22.8	7.6	90
8/8/1999	400	22.5	7.6	89
8/8/1999	500	22.3	7.5	88
8/8/1999	600	22.0	7.5	87
8/8/1999	700	21.7	7.5	87
8/8/1999	800	21.4	7.6	88
8/8/1999	900	21.2	7.9	91
8/8/1999	1000	21.4	8.5	97
8/8/1999	1100	21.7	8.9	103
8/8/1999	1200	22.1	9.3	109
8/8/1999	1300	22.5	9.6	113
8/8/1999	1400	22.9	9.7	115
8/8/1999	1500	23.2	9.9	118
8/8/1999	1600	23.5	10.0	119
8/8/1999	1700	23.6	9.8	117
8/8/1999	1800	23.5	9.6	115
8/8/1999	1900	23.4	9.3	111
8/8/1999	2000	23.0	8.8	104
8/8/1999	2100	22.8	8.4	100
8/8/1999	2200	22.7	8.3	98
8/8/1999	2300	22.6	8.3	97
8/9/1999	0	22.6	8.2	96
8/9/1999	100	22.5	8.1	95
8/9/1999	200	22.3	8.0	93
8/9/1999	300	22.0	7.9	92
8/9/1999	400	21.7	7.8	90

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/9/1999	500	21.4	7.7	89
8/9/1999	600	21.1	7.7	88
8/9/1999	700	20.9	7.8	89
8/9/1999	800	20.8	8.1	92
8/9/1999	900	20.9	8.4	96
8/9/1999	1000	20.9	8.8	101
8/9/1999	1100	21.2	9.2	106
8/9/1999	1200	21.3	9.4	108
8/9/1999	1300	21.4	9.3	107
8/9/1999	1400	21.4	9.4	109
8/9/1999	1500	21.4	9.5	110
8/9/1999	1600	21.5	9.7	111
8/9/1999	1700	21.6	9.6	111
8/9/1999	1800	21.6	9.3	107
8/9/1999	1900	21.5	8.9	103
8/9/1999	2000	21.5	8.6	99
8/9/1999	2100	21.5	8.4	97
8/9/1999	2200	21.6	8.3	96
8/9/1999	2300	21.6	8.2	95
8/10/1999	0	21.5	8.1	93
8/10/1999	100	21.5	8.0	92
8/10/1999	200	21.4	7.9	91
8/10/1999	300	21.4	7.8	90
8/10/1999	400	21.2	7.8	89
8/10/1999	500	21.2	7.7	89
8/10/1999	600	21.1	7.7	88
8/10/1999	700	21.0	7.7	88
8/10/1999	800	21.0	7.8	89
8/10/1999	900	21.0	8.0	92
8/10/1999	1000	21.0	8.2	93
8/10/1999	1100	21.1	8.4	96
8/10/1999	1200	21.3	8.7	100
8/10/1999	1300	21.5	9.1	105
8/10/1999	1400	21.7	9.2	106
8/10/1999	1500	21.8	9.2	107
8/10/1999	1600	21.9	9.2	106
8/10/1999	1700	22.0	9.1	106
8/10/1999	1800	22.2	9.0	105
8/10/1999	1900	22.3	8.8	103
8/10/1999	2000	22.1	8.4	99
8/10/1999	2100	22.1	8.3	96
8/10/1999	2200	22.0	8.1	95
8/10/1999	2300	21.9	8.1	94
8/11/1999	0	21.8	8.0	93
8/11/1999	100	21.7	7.9	92
8/11/1999	200	21.6	7.8	91
8/11/1999	300	21.4	7.8	90
8/11/1999	400	21.2	7.8	89
8/11/1999	500	20.9	7.8	88
8/11/1999	600	20.8	7.7	88
8/11/1999	700	20.6	7.8	88
8/11/1999	800	20.5	7.9	89
8/11/1999	900	20.6	8.1	91
8/11/1999	1000	20.8	8.4	96
8/11/1999	1100	21.1	8.7	100
8/11/1999	1200	21.5	9.0	104
8/11/1999	1300	21.9	9.2	107
8/11/1999	1400	22.4	9.4	110

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE	HOUR	TEMPERATURE	DO	DO
mm/dd/yy	(0-2300)	(Degrees C)	(mg/l)	(% Saturation)
8/11/1999	1500	22.7	9.3	109
8/11/1999	1600	22.8	9.2	108
8/11/1999	1700	22.9	8.9	106
8/11/1999	1800	23.0	8.8	105
8/11/1999	1900	23.1	8.7	103
8/11/1999	2000	23.1	8.4	100
8/11/1999	2100	23.0	8.2	98
8/11/1999	2200	23.0	8.1	96
8/11/1999	2300	22.9	8.0	95
8/12/1999	0	22.8	7.9	94
8/12/1999	100	22.6	7.8	92
8/12/1999	200	22.4	7.8	91
8/12/1999	300	22.2	7.7	90
8/12/1999	400	21.9	7.7	89
8/12/1999	500	21.6	7.6	88
8/12/1999	600	21.5	7.6	88
8/12/1999	700	21.3	7.7	88
8/12/1999	800	21.2	7.8	90
8/12/1999	900	21.2	8.1	93
8/12/1999	1000	21.4	8.6	99
8/12/1999	1100	21.7	8.9	103
8/12/1999	1200	22.1	9.3	108
8/12/1999	1300	22.2	9.1	106
8/12/1999	1400	22.1	8.9	104
8/12/1999	1500	22.0	8.7	101
8/12/1999	1600	21.9	8.5	99
8/12/1999	1700	21.9	8.4	98
8/12/1999	1800	22.0	8.3	97
8/12/1999	1900	21.9	8.2	95
8/12/1999	2000	21.9	8.1	94
8/12/1999	2100	21.9	8.0	93
8/12/1999	2200	21.9	7.9	92
8/12/1999	2300	21.9	7.8	91
8/13/1999	0	21.9	7.7	90
8/13/1999	100	21.9	7.6	89
8/13/1999	200	21.8	7.6	88
8/13/1999	300	21.8	7.5	87
8/13/1999	400	21.7	7.5	87
8/13/1999	500	21.6	7.5	86
8/13/1999	600	21.6	7.5	86
8/13/1999	700	21.4	7.6	87
8/13/1999	800	21.2	7.6	87
8/13/1999	900	21.0	7.7	88
8/13/1999	1000	21.0	7.8	89
8/13/1999	1100	20.9	8.1	92
8/13/1999	1200	21.0	8.4	96
8/13/1999	1300	21.0	8.5	97
8/13/1999	1400	21.0	8.4	96
8/13/1999	1500	20.9	8.3	95
8/13/1999	1600	20.9	8.4	96
8/13/1999	1700	20.9	8.5	97
8/13/1999	1800	20.9	8.5	97
8/13/1999	1900	20.8	8.3	95
8/13/1999	2000	20.7	8.2	93
8/13/1999	2100	20.6	8.2	93
8/13/1999	2200	20.6	8.1	92
8/13/1999	2300	20.5	8.0	91
8/14/1999	0	20.3	8.0	90

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/14/1999	100	20.2	8.0	90
8/14/1999	200	20.0	8.0	89
8/14/1999	300	19.8	8.0	89
8/14/1999	400	19.6	8.0	89
8/14/1999	500	19.4	8.0	89
8/14/1999	600	19.1	8.0	88
8/14/1999	700	18.9	8.1	88
8/14/1999	800	18.9	8.1	89
8/14/1999	900	18.9	8.2	90
8/14/1999	1000	19.1	8.5	93
8/14/1999	1100	19.4	8.8	97
8/14/1999	1200	19.8	9.1	101
8/14/1999	1300	20.2	9.2	103
8/14/1999	1400	20.7	9.4	107
8/14/1999	1500	21.2	9.6	110
8/14/1999	1600	21.2	9.1	105
8/14/1999	1700	21.5	9.3	107
8/14/1999	1800	21.5	9.1	105
8/14/1999	1900	21.5	8.9	103
8/14/1999	2000	21.4	8.6	99
8/14/1999	2100	21.3	8.5	97
8/14/1999	2200	21.2	8.4	96
8/14/1999	2300	21.0	8.3	95
8/15/1999	0	20.8	8.2	93
8/15/1999	100	20.6	8.1	92
8/15/1999	200	20.3	8.1	91
8/15/1999	300	20.0	8.0	90
8/15/1999	400	19.8	8.0	89
8/15/1999	500	19.5	8.0	89
8/15/1999	600	19.3	8.0	88
8/15/1999	700	19.1	8.1	89
8/15/1999	800	19.0	8.1	89
8/15/1999	900	19.1	8.2	91
8/15/1999	1000	19.3	8.5	94
8/15/1999	1100	19.8	8.7	97
8/15/1999	1200	20.3	9.0	101
8/15/1999	1300	20.8	9.1	104
8/15/1999	1400	21.3	9.3	107
8/15/1999	1500	21.7	9.3	108
8/15/1999	1600	22.0	9.3	108
8/15/1999	1700	22.2	9.1	106
8/15/1999	1800	22.2	8.8	103
8/15/1999	1900	22.2	8.7	102
8/15/1999	2000	22.1	8.5	99
8/15/1999	2100	22.1	8.4	98
8/15/1999	2200	21.9	8.3	96
8/15/1999	2300	21.7	8.2	95
8/16/1999	0	21.5	8.1	93
8/16/1999	100	21.3	8.0	92
8/16/1999	200	21.0	8.0	91
8/16/1999	300	20.8	7.9	90
8/16/1999	400	20.5	7.9	90
8/16/1999	500	20.3	7.9	89
8/16/1999	600	20.2	7.9	89
8/16/1999	700	20.0	7.9	89
8/16/1999	800	19.9	8.0	89
8/16/1999	900	20.0	8.1	91
8/16/1999	1000	20.2	8.3	94

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/16/1999	1100	20.4	8.5	96
8/16/1999	1200	20.7	8.8	100
8/16/1999	1300	21.3	9.0	103
8/16/1999	1400	21.7	8.9	103
8/16/1999	1500	22.0	9.0	104
8/16/1999	1600	22.4	9.1	106
8/16/1999	1700	22.6	9.0	106
8/16/1999	1800	22.7	8.8	104
8/16/1999	1900	22.7	8.5	101
8/16/1999	2000	22.6	8.3	98
8/16/1999	2100	22.5	8.2	96
8/16/1999	2200	22.4	8.1	95
8/16/1999	2300	22.3	8.0	94
8/17/1999	0	22.1	7.9	92
8/17/1999	100	21.9	7.9	91
8/17/1999	200	21.6	7.8	90
8/17/1999	300	21.4	7.8	89
8/17/1999	400	21.2	7.7	88
8/17/1999	500	20.9	7.7	88
8/17/1999	600	20.7	7.7	87
8/17/1999	700	20.4	7.8	88
8/17/1999	800	20.3	7.8	88
8/17/1999	900	20.3	7.9	89
8/17/1999	1000	20.5	8.2	93
8/17/1999	1100	20.7	8.3	94
8/17/1999	1200	20.8	8.4	96
8/17/1999	1300	21.0	8.5	97
8/17/1999	1400	21.2	8.7	100
8/17/1999	1500	21.5	8.7	100
8/17/1999	1600	21.6	8.6	100
8/17/1999	1700	21.8	8.7	101
8/17/1999	1800	21.8	8.7	101
8/17/1999	1900	21.8	8.5	98
8/17/1999	2000	21.7	8.3	96
8/17/1999	2100	21.6	8.2	95
8/17/1999	2200	21.5	8.1	93
8/17/1999	2300	21.4	8.0	93
8/18/1999	0	21.2	8.0	92
8/18/1999	100	21.0	8.0	91
8/18/1999	200	20.8	7.9	90
8/18/1999	300	20.6	7.9	89
8/18/1999	400	20.4	7.9	89
8/18/1999	500	20.2	7.8	88
8/18/1999	600	20.0	7.8	88
8/18/1999	700	19.8	7.9	88
8/18/1999	800	19.8	8.0	89
8/18/1999	900	19.8	8.1	90
8/18/1999	1000	19.7	8.2	91
8/18/1999	1100	19.8	8.4	93
8/18/1999	1200	19.9	8.4	94
8/18/1999	1300	19.9	8.4	94
8/18/1999	1400	20.0	8.5	95
8/18/1999	1500	20.1	8.6	97
8/18/1999	1600	20.2	8.6	97
8/18/1999	1700	20.3	8.5	96
8/18/1999	1800	20.3	8.4	94
8/18/1999	1900	20.3	8.3	94
8/18/1999	2000	20.3	8.2	93

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/18/1999	2100	20.2	8.1	92
8/18/1999	2200	20.2	8.1	91
8/18/1999	2300	20.1	8.1	91
8/19/1999	0	20.0	8.0	90
8/19/1999	100	19.9	8.0	90
8/19/1999	200	19.8	8.0	89
8/19/1999	300	19.6	8.0	89
8/19/1999	400	19.5	8.0	88
8/19/1999	500	19.4	7.9	88
8/19/1999	600	19.3	7.9	87
8/19/1999	700	19.2	8.0	88
8/19/1999	800	19.2	8.1	89
8/19/1999	900	19.2	8.2	90
8/19/1999	1000	19.4	8.5	94
8/19/1999	1100	19.7	8.9	99
8/19/1999	1200	20.3	9.1	102
8/19/1999	1300	20.7	9.2	104
8/19/1999	1400	21.0	9.3	106
8/19/1999	1500	21.3	9.3	107
8/19/1999	1600	21.6	9.3	108
8/19/1999	1700	21.9	9.4	109
8/19/1999	1800	22.0	9.3	108
8/19/1999	1900	22.0	9.1	106
8/19/1999	2000	21.8	8.8	102
8/19/1999	2100	21.6	8.7	100
8/19/1999	2200	21.5	8.6	99
8/19/1999	2300	21.4	8.5	98
8/20/1999	0	21.2	8.4	97
8/20/1999	100	21.0	8.3	95
8/20/1999	200	20.7	8.3	94
8/20/1999	300	20.4	8.2	93
8/20/1999	400	20.1	8.2	92
8/20/1999	500	19.9	8.2	91
8/20/1999	600	19.6	8.1	90
8/20/1999	700	19.4	8.1	90
8/20/1999	800	19.2	8.2	90
8/20/1999	900	19.1	8.3	91
8/20/1999	1000	19.4	8.6	95
8/20/1999	1100	19.8	8.9	99
8/20/1999	1200	20.3	9.2	104
8/20/1999	1300	21.0	9.5	109
8/20/1999	1400	21.6	9.7	112
8/20/1999	1500	22.0	9.8	114
8/20/1999	1600	22.4	9.8	115
8/20/1999	1700	22.6	9.7	114
8/20/1999	1800	22.6	9.5	112
8/20/1999	1900	22.5	9.2	108
8/20/1999	2000	22.4	8.8	104
8/20/1999	2100	22.4	8.6	101
8/20/1999	2200	22.4	8.5	99
8/20/1999	2300	22.4	8.4	98
8/21/1999	0	22.4	8.3	97
8/21/1999	100	22.3	8.2	95
8/21/1999	200	22.1	8.1	94
8/21/1999	300	21.8	8.0	93
8/21/1999	400	21.5	8.0	92
8/21/1999	500	21.2	7.9	91
8/21/1999	600	21.0	7.9	90

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/21/1999	700	20.7	7.9	89
8/21/1999	800	20.6	8.0	90
8/21/1999	900	20.5	8.2	92
8/21/1999	1000	20.6	8.4	96
8/21/1999	1100	20.9	8.8	100
8/21/1999	1200	21.4	9.1	105
8/21/1999	1300	22.0	9.5	110
8/21/1999	1400	22.6	9.7	114
8/21/1999	1500	23.0	9.7	116
8/21/1999	1600	23.4	9.8	117
8/21/1999	1700	23.5	9.7	116
8/21/1999	1800	23.3	9.3	112
8/21/1999	1900	23.1	8.9	106
8/21/1999	2000	23.0	8.6	103
8/21/1999	2100	22.9	8.5	100
8/21/1999	2200	22.9	8.4	99
8/21/1999	2300	22.9	8.3	98
8/22/1999	0	22.8	8.1	96
8/22/1999	100	22.6	8.0	95
8/22/1999	200	22.5	7.9	93
8/22/1999	300	22.2	7.8	92
8/22/1999	400	22.0	7.7	90
8/22/1999	500	21.8	7.7	89
8/22/1999	600	21.5	7.6	88
8/22/1999	700	21.3	7.6	88
8/22/1999	800	21.1	7.7	89
8/22/1999	900	21.0	7.9	90
8/22/1999	1000	21.1	8.3	95
8/22/1999	1100	21.5	8.6	100
8/22/1999	1200	21.8	8.7	101
8/22/1999	1300	22.3	9.1	106
8/22/1999	1400	22.6	9.1	107
8/22/1999	1500	22.8	9.3	110
8/22/1999	1600	23.0	9.3	110
8/22/1999	1700	23.0	9.4	111
8/22/1999	1800	23.0	9.1	108
8/22/1999	1900	22.8	8.7	103
8/22/1999	2000	22.7	8.4	99
8/22/1999	2100	22.7	8.3	98
8/22/1999	2200	22.7	8.2	97
8/22/1999	2300	22.7	8.1	96
8/23/1999	100	22.6	7.9	93
8/23/1999	200	22.5	7.8	92
8/23/1999	300	22.4	7.7	91
8/23/1999	400	22.2	7.7	90
8/23/1999	500	22.0	7.6	88
8/23/1999	600	21.8	7.5	87
8/23/1999	700	21.6	7.6	87
8/23/1999	800	21.5	7.6	88
8/23/1999	900	21.4	7.6	88
8/23/1999	1000	21.4	7.8	89
8/23/1999	1100	21.4	7.9	91
8/23/1999	1200	21.3	8.0	91
8/23/1999	1300	21.3	8.1	93
8/23/1999	1400	21.3	8.0	92
8/23/1999	1500	21.3	8.0	92
8/23/1999	1600	21.4	8.2	94
8/23/1999	1700	21.5	8.3	95

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/23/1999	1800	21.5	8.3	96
8/23/1999	1900	21.5	8.2	94
8/23/1999	2000	21.5	8.0	92
8/23/1999	2100	21.4	7.9	91
8/23/1999	2200	21.4	7.9	91
8/23/1999	2300	21.4	7.8	90
8/24/1999	0	21.4	7.8	90
8/24/1999	100	21.3	7.7	89
8/24/1999	200	21.3	7.7	89
8/24/1999	300	21.3	7.6	87
8/24/1999	400	21.2	7.5	86
8/24/1999	500	21.1	7.5	86
8/24/1999	600	21.0	7.5	86
8/24/1999	700	20.9	7.5	86
8/24/1999	800	20.9	7.6	87
8/24/1999	900	20.9	7.9	90
8/24/1999	1000	21.0	8.2	94
8/24/1999	1100	21.3	8.5	98
8/24/1999	1200	21.7	8.8	102
8/24/1999	1300	22.2	9.1	107
8/24/1999	1400	22.7	9.3	110
8/24/1999	1500	23.1	9.4	112
8/24/1999	1600	23.1	9.4	111
8/24/1999	1700	23.2	9.2	110
8/24/1999	1800	23.2	9.0	107
8/24/1999	1900	23.1	8.7	103
8/24/1999	2000	22.9	8.4	99
8/24/1999	2100	22.7	8.2	97
8/24/1999	2200	22.6	8.1	96
8/24/1999	2300	22.5	8.0	94
8/25/1999	0	22.3	7.9	92
8/25/1999	100	22.1	7.7	90
8/25/1999	200	22.0	7.6	89
8/25/1999	300	21.7	7.7	89
8/25/1999	400	21.5	7.6	87
8/25/1999	500	21.2	7.5	86
8/25/1999	600	21.0	7.5	86
8/25/1999	700	20.8	7.5	85
8/25/1999	800	20.7	7.7	87
8/25/1999	900	20.6	7.7	87
8/25/1999	1000	20.8	8.1	92
8/25/1999	1100	21.2	8.5	97
8/25/1999	1200	21.8	8.8	102
8/25/1999	1300	22.3	9.0	105
8/25/1999	1400	22.8	9.2	109
8/25/1999	1500	23.2	9.2	110
8/25/1999	1600	23.6	9.2	111
8/25/1999	1700	23.8	9.1	109
8/25/1999	1800	23.8	8.8	106
8/25/1999	1900	23.7	8.5	102
8/25/1999	2000	23.6	8.2	98
8/25/1999	2100	23.6	8.0	96
8/25/1999	2200	23.5	8.0	95
8/25/1999	2300	23.5	7.8	94
8/26/1999	0	23.4	7.7	92
8/26/1999	100	23.2	7.6	91
8/26/1999	200	23.0	7.6	90
8/26/1999	300	22.7	7.5	88

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/26/1999	400	22.4	7.4	87
8/26/1999	500	22.0	7.4	86
8/26/1999	600	21.8	7.3	85
8/26/1999	700	21.5	7.4	85
8/26/1999	800	21.3	7.5	86
8/26/1999	900	21.2	7.7	88
8/26/1999	1000	21.3	7.9	91
8/26/1999	1100	21.7	8.2	95
8/26/1999	1200	22.1	8.5	99
8/26/1999	1300	22.5	8.7	102
8/26/1999	1400	23.0	9.0	107
8/26/1999	1500	23.6	9.1	109
8/26/1999	1600	23.9	9.0	109
8/26/1999	1700	24.1	8.8	107
8/26/1999	1800	24.1	8.7	105
8/26/1999	1900	24.1	8.3	101
8/26/1999	2000	24.0	8.1	97
8/26/1999	2100	24.0	7.9	96
8/26/1999	2200	24.0	7.8	94
8/26/1999	2300	23.9	7.7	93
8/27/1999	0	23.8	7.6	91
8/27/1999	100	23.7	7.4	89
8/27/1999	200	23.4	7.3	88
8/27/1999	300	23.2	7.3	87
8/27/1999	400	22.9	7.2	85
8/27/1999	500	22.6	7.2	84
8/27/1999	600	22.4	7.1	84
8/27/1999	700	22.1	7.2	83
8/27/1999	800	21.9	7.3	85
8/27/1999	900	21.9	7.4	86
8/27/1999	1000	22.0	7.6	89
8/27/1999	1100	22.2	7.9	93
8/27/1999	1200	22.6	8.1	96
8/27/1999	1300	23.1	8.2	97
8/27/1999	1400	23.5	8.2	99
8/27/1999	1500	23.9	8.5	102
8/27/1999	1600	24.4	8.5	104
8/27/1999	1700	24.6	8.4	103
8/27/1999	1800	24.7	8.4	103
8/27/1999	1900	24.7	8.2	101
8/27/1999	2000	24.7	8.0	98
8/27/1999	2100	24.6	7.9	96
8/27/1999	2200	24.5	7.7	94
8/27/1999	2300	24.4	7.6	92
8/28/1999	0	24.2	7.5	91
8/28/1999	100	24.1	7.4	90
8/28/1999	200	23.9	7.4	89
8/28/1999	300	23.6	7.3	88
8/28/1999	400	23.3	7.3	87
8/28/1999	500	22.9	7.2	86
8/28/1999	600	22.6	7.2	85
8/28/1999	700	22.3	7.1	83
8/28/1999	800	22.0	7.1	83
8/28/1999	900	21.8	7.3	85
8/28/1999	1000	21.9	7.6	89
8/28/1999	1100	22.2	8.1	94
8/28/1999	1200	22.6	8.5	100
8/28/1999	1300	22.8	8.8	104

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/28/1999	1400	23.2	9.1	109
8/28/1999	1500	23.6	9.4	113
8/28/1999	1600	24.0	9.4	114
8/28/1999	1700	24.1	9.3	112
8/28/1999	1800	23.9	9.0	108
8/28/1999	1900	23.6	8.6	103
8/28/1999	2000	23.3	8.2	98
8/28/1999	2100	23.2	8.1	96
8/28/1999	2200	23.1	8.0	95
8/28/1999	2300	23.0	7.9	94
8/29/1999	0	22.9	7.8	92
8/29/1999	100	22.7	7.7	91
8/29/1999	200	22.5	7.6	89
8/29/1999	300	22.2	7.5	87
8/29/1999	400	21.9	7.4	86
8/29/1999	500	21.6	7.3	85
8/29/1999	600	21.3	7.3	84
8/29/1999	700	21.0	7.3	83
8/29/1999	800	20.8	7.4	84
8/29/1999	900	20.6	7.5	85
8/29/1999	1000	20.7	7.8	89
8/29/1999	1100	20.9	8.1	93
8/29/1999	1200	21.3	8.6	99
8/29/1999	1300	21.8	9.0	104
8/29/1999	1400	22.3	9.3	108
8/29/1999	1500	22.7	9.4	111
8/29/1999	1600	22.9	9.5	113
8/29/1999	1700	23.0	9.4	112
8/29/1999	1800	22.7	9.3	109
8/29/1999	1900	22.3	8.8	103
8/29/1999	2000	22.0	8.4	98
8/29/1999	2100	21.9	8.2	96
8/29/1999	2200	21.9	8.2	95
8/29/1999	2300	21.9	8.2	95
8/30/1999	0	21.8	8.1	94
8/30/1999	100	21.6	7.9	92
8/30/1999	200	21.4	7.8	90
8/30/1999	300	21.1	7.7	88
8/30/1999	400	20.9	7.6	86
8/30/1999	500	20.5	7.5	85
8/30/1999	600	20.2	7.5	84
8/30/1999	700	19.9	7.5	83
8/30/1999	800	19.6	7.5	84
8/30/1999	900	19.5	7.6	85
8/30/1999	1000	19.5	7.9	88
8/30/1999	1100	19.9	8.5	95
8/30/1999	1200	20.2	8.7	97
8/30/1999	1300	20.8	9.4	106
8/30/1999	1400	21.3	9.7	111
8/30/1999	1500	21.6	9.8	113
8/30/1999	1600	21.9	9.9	115
8/30/1999	1700	21.9	9.7	113
8/30/1999	1800	21.7	9.3	108
8/30/1999	1900	21.4	8.9	103
8/30/1999	2000	21.2	8.5	98
8/30/1999	2100	21.2	8.5	97
8/30/1999	2200	21.2	8.4	96
8/30/1999	2300	21.2	8.2	94

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
8/31/1999	0	21.1	8.1	93
8/31/1999	100	21.0	8.0	92
8/31/1999	200	20.8	7.9	90
8/31/1999	300	20.6	7.8	88
8/31/1999	400	20.4	7.7	87
8/31/1999	500	20.1	7.6	85
8/31/1999	600	19.9	7.5	83
8/31/1999	700	19.7	7.5	84
8/31/1999	800	19.5	7.7	85
8/31/1999	900	19.4	7.8	87
8/31/1999	1000	19.5	8.4	94
8/31/1999	1100	19.9	8.9	100
8/31/1999	1200	20.4	9.4	106
8/31/1999	1300	21.0	9.7	111
8/31/1999	1400	21.5	9.8	113
8/31/1999	1500	22.0	9.9	116
8/31/1999	1600	22.2	9.7	113
8/31/1999	1700	22.3	9.5	111
8/31/1999	1800	22.2	9.2	107
8/31/1999	1900	22.0	8.6	101
8/31/1999	2000	21.8	8.3	97
8/31/1999	2100	21.7	8.2	95
8/31/1999	2200	21.7	8.1	94
8/31/1999	2300	21.7	8.0	93
9/1/1999	0	21.6	7.8	90
9/1/1999	100	21.5	7.7	89
9/1/1999	200	21.3	7.5	86
9/1/1999	300	21.1	7.4	85
9/1/1999	400	20.9	7.3	83
9/1/1999	500	20.7	7.2	81
9/1/1999	600	20.5	7.1	81
9/1/1999	700	20.3	7.1	80
9/1/1999	800	20.1	7.3	82
9/1/1999	900	20.1	7.5	84
9/1/1999	1000	20.2	8.0	90
9/1/1999	1100	20.5	8.5	96
9/1/1999	1200	21.1	9.3	106
9/1/1999	1300	21.6	9.5	109
9/1/1999	1400	22.1	9.7	113
9/1/1999	1500	22.5	9.8	115
9/1/1999	1600	22.7	9.9	116
9/1/1999	1700	22.8	9.9	117
9/1/1999	1800	22.8	9.7	115
9/1/1999	1900	22.7	9.4	111
9/1/1999	2000	22.5	9.1	107
9/1/1999	2100	22.5	9.0	105
9/1/1999	2200	22.5	8.9	104
9/1/1999	2300	22.5	8.8	103
9/2/1999	0	22.5	8.6	101
9/2/1999	100	22.3	8.5	99
9/2/1999	200	22.3	8.3	97
9/2/1999	300	22.1	8.2	95
9/2/1999	400	21.8	8.1	93
9/2/1999	500	21.6	8.0	92
9/2/1999	600	21.4	7.9	91
9/2/1999	700	21.2	7.9	90
9/2/1999	800	21.1	8.0	91
9/2/1999	900	21.1	8.2	94

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/2/1999	1000	21.2	8.6	98
9/2/1999	1100	21.5	8.9	103
9/2/1999	1200	21.9	9.2	107
9/2/1999	1300	22.1	9.2	108
9/2/1999	1400	22.5	9.5	111
9/2/1999	1500	22.9	9.7	114
9/2/1999	1600	23.2	9.8	116
9/2/1999	1700	23.3	9.6	115
9/2/1999	1800	23.2	9.3	111
9/2/1999	1900	23.2	9.1	108
9/2/1999	2000	23.3	8.9	106
9/2/1999	2100	23.3	8.8	105
9/2/1999	2200	23.3	8.7	103
9/2/1999	2300	23.3	8.5	102
9/3/1999	0	23.3	8.4	100
9/3/1999	100	23.1	8.2	98
9/3/1999	200	23.0	8.1	96
9/3/1999	300	22.8	7.9	94
9/3/1999	400	22.6	7.9	92
9/3/1999	500	22.4	7.7	91
9/3/1999	600	22.3	7.7	89
9/3/1999	700	22.1	7.6	89
9/3/1999	800	22.0	7.7	89
9/3/1999	900	21.9	8.0	92
9/3/1999	1000	22.1	8.3	96
9/3/1999	1100	22.4	8.7	102
9/3/1999	1200	22.9	9.0	106
9/3/1999	1300	23.5	9.3	111
9/3/1999	1400	23.9	9.5	114
9/3/1999	1500	24.2	9.5	115
9/3/1999	1600	24.5	9.6	117
9/3/1999	1700	24.7	9.6	117
9/3/1999	1800	24.7	9.4	114
9/3/1999	1900	24.5	9.0	109
9/3/1999	2000	24.4	8.7	106
9/3/1999	2100	24.3	8.6	104
9/3/1999	2200	24.3	8.5	103
9/3/1999	2300	24.2	8.4	101
9/4/1999	0	24.1	8.2	100
9/4/1999	100	24.0	8.1	97
9/4/1999	200	23.8	7.9	95
9/4/1999	300	23.6	7.8	94
9/4/1999	400	23.3	7.7	92
9/4/1999	500	23.1	7.6	91
9/4/1999	600	22.9	7.6	89
9/4/1999	700	22.6	7.5	88
9/4/1999	800	22.5	7.6	89
9/4/1999	900	22.5	7.9	92
9/4/1999	1000	22.6	8.3	97
9/4/1999	1100	22.8	8.6	101
9/4/1999	1200	23.1	9.0	107
9/4/1999	1300	23.5	9.3	111
9/4/1999	1400	24.0	9.5	114
9/4/1999	1500	24.3	9.5	116
9/4/1999	1600	24.6	9.7	118
9/4/1999	1700	24.7	9.6	117
9/4/1999	1800	24.6	9.4	114
9/4/1999	1900	24.4	9.0	109

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE	HOUR	TEMPERATURE	DO	DO
mm/dd/yy	(0-2300)	(Degrees C)	(mg/l)	(% Saturation)
9/4/1999	2000	24.2	8.6	104
9/4/1999	2100	24.0	8.4	101
9/4/1999	2200	23.8	8.2	99
9/4/1999	2300	23.8	8.2	99
9/5/1999	0	23.6	8.1	97
9/5/1999	100	23.5	8.0	96
9/5/1999	200	23.4	7.9	95
9/5/1999	300	23.2	7.8	93
9/5/1999	400	23.0	7.7	91
9/5/1999	500	22.8	7.6	90
9/5/1999	600	22.6	7.5	88
9/5/1999	700	22.4	7.6	88
9/5/1999	800	22.3	7.7	90
9/5/1999	900	22.2	7.9	91
9/5/1999	1000	22.3	8.3	96
9/5/1999	1100	22.4	8.6	101
9/5/1999	1200	22.8	9.0	106
9/5/1999	1300	23.2	9.3	110
9/5/1999	1400	23.3	9.3	110
9/5/1999	1500	23.3	9.2	109
9/5/1999	1600	23.1	8.8	104
9/5/1999	1700	23.0	8.4	100
9/5/1999	1800	23.0	8.5	101
9/5/1999	1900	23.0	8.5	100
9/5/1999	2000	23.0	8.3	98
9/5/1999	2100	22.9	8.1	95
9/5/1999	2200	22.9	7.9	93
9/5/1999	2300	22.8	7.9	93
9/6/1999	0	22.7	7.8	92
9/6/1999	100	22.7	7.8	91
9/6/1999	200	22.6	7.7	90
9/6/1999	300	22.4	7.6	89
9/6/1999	400	22.2	7.5	88
9/6/1999	500	22.0	7.5	87
9/6/1999	600	21.8	7.5	86
9/6/1999	700	21.6	7.5	86
9/6/1999	800	21.3	7.5	86
9/6/1999	900	21.2	7.7	87
9/6/1999	1000	21.2	8.1	93
9/6/1999	1100	21.5	8.6	99
9/6/1999	1200	21.9	9.0	104
9/6/1999	1300	22.4	9.3	109
9/6/1999	1400	22.9	9.6	113
9/6/1999	1500	23.1	9.7	115
9/6/1999	1600	23.4	9.7	116
9/6/1999	1700	23.4	9.7	115
9/6/1999	1800	23.2	9.4	111
9/6/1999	1900	22.9	8.9	105
9/6/1999	2000	22.6	8.5	99
9/6/1999	2100	22.3	8.2	96
9/6/1999	2200	22.1	8.1	94
9/6/1999	2300	22.0	8.1	94
9/7/1999	0	21.8	8.0	93
9/7/1999	100	21.6	8.0	92
9/7/1999	200	21.5	8.0	91
9/7/1999	300	21.5	7.9	90
9/7/1999	400	21.3	7.8	90
9/7/1999	500	21.2	7.8	89

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/7/1999	600	20.9	7.7	88
9/7/1999	700	20.7	7.6	86
9/7/1999	800	20.5	7.7	87
9/7/1999	900	20.3	7.8	87
9/7/1999	1000	20.3	8.1	91
9/7/1999	1100	20.6	8.4	95
9/7/1999	1200	21.0	8.7	99
9/7/1999	1300	21.4	9.0	103
9/7/1999	1400	21.9	9.1	105
9/7/1999	1500	22.2	9.5	110
9/7/1999	1600	22.5	9.5	111
9/7/1999	1700	22.5	9.3	109
9/7/1999	1800	22.5	8.9	105
9/7/1999	1900	22.4	8.6	100
9/7/1999	2000	22.2	8.3	97
9/7/1999	2100	22.3	8.2	96
9/7/1999	2200	22.3	8.2	95
9/7/1999	2300	22.3	8.1	94
9/8/1999	0	22.3	8.0	93
9/8/1999	100	22.2	7.9	92
9/8/1999	200	22.0	7.8	91
9/8/1999	300	21.8	7.8	90
9/8/1999	400	21.5	7.7	88
9/8/1999	500	21.3	7.6	87
9/8/1999	600	21.1	7.5	86
9/8/1999	700	20.9	7.5	85
9/8/1999	800	20.8	7.5	85
9/8/1999	900	20.7	7.7	87
9/8/1999	1000	20.7	7.9	90
9/8/1999	1100	21.0	8.4	95
9/8/1999	1200	21.4	8.8	101
9/8/1999	1300	21.7	8.9	103
9/8/1999	1400	22.2	9.3	108
9/8/1999	1500	22.3	9.4	110
9/8/1999	1600	22.4	9.1	106
9/8/1999	1700	22.4	8.9	105
9/8/1999	1800	22.4	8.8	103
9/8/1999	1900	22.2	8.4	98
9/8/1999	2000	22.1	8.2	95
9/8/1999	2100	22.1	8.1	93
9/8/1999	2200	22.1	8.0	93
9/8/1999	2300	22.0	8.0	93
9/9/1999	0	21.8	8.0	92
9/9/1999	100	21.7	7.9	91
9/9/1999	200	21.4	7.8	90
9/9/1999	300	21.2	7.8	89
9/9/1999	400	21.0	7.7	88
9/9/1999	500	20.8	7.7	87
9/9/1999	600	20.6	7.6	86
9/9/1999	700	20.4	7.6	86
9/9/1999	800	20.2	7.7	87
9/9/1999	900	20.1	7.9	88
9/9/1999	1000	20.1	8.3	93
9/9/1999	1100	20.2	8.7	98
9/9/1999	1200	20.4	8.9	100
9/9/1999	1300	20.5	9.1	102
9/9/1999	1400	20.6	9.2	104
9/9/1999	1500	20.6	9.3	105

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/9/1999	1600	20.5	9.2	103
9/9/1999	1700	20.4	9.0	101
9/9/1999	1800	20.3	8.9	100
9/9/1999	1900	20.3	8.7	98
9/9/1999	2000	20.2	8.5	96
9/9/1999	2100	20.1	8.4	94
9/9/1999	2200	20.1	8.4	94
9/9/1999	2300	20.0	8.3	93
9/10/1999	0	19.9	8.3	92
9/10/1999	100	19.8	8.2	91
9/10/1999	200	19.7	8.1	90
9/10/1999	300	19.5	8.1	89
9/10/1999	400	19.4	8.0	88
9/10/1999	500	19.2	8.0	88
9/10/1999	600	19.1	8.0	87
9/10/1999	700	19.0	7.9	87
9/10/1999	800	18.9	8.0	87
9/10/1999	900	18.8	8.2	90
9/10/1999	1000	18.8	8.6	93
9/10/1999	1100	18.9	8.8	96
9/10/1999	1200	19.0	9.0	98
9/10/1999	1300	19.0	9.0	98
9/10/1999	1400	19.1	9.2	100
9/10/1999	1500	19.4	9.4	103
9/10/1999	1600	19.5	9.3	103
9/10/1999	1700	19.5	9.3	102
9/10/1999	1800	19.4	9.0	100
9/10/1999	1900	19.3	8.8	97
9/10/1999	2000	19.2	8.6	94
9/10/1999	2100	19.1	8.6	94
9/10/1999	2200	19.0	8.5	93
9/10/1999	2300	19.0	8.4	92
9/11/1999	0	18.9	8.4	91
9/11/1999	100	18.9	8.3	91
9/11/1999	200	18.7	8.3	90
9/11/1999	300	18.6	8.2	89
9/11/1999	400	18.4	8.1	88
9/11/1999	500	18.2	8.1	87
9/11/1999	600	18.0	8.1	87
9/11/1999	700	17.8	8.0	86
9/11/1999	800	17.6	8.1	86
9/11/1999	900	17.5	8.3	88
9/11/1999	1000	17.6	8.6	92
9/11/1999	1100	18.0	8.9	95
9/11/1999	1200	18.6	9.5	103
9/11/1999	1300	18.9	9.8	107
9/11/1999	1400	19.2	9.9	109
9/11/1999	1500	19.5	10.1	111
9/11/1999	1600	19.7	10.0	111
9/11/1999	1700	19.8	9.8	109
9/11/1999	1800	19.7	9.5	105
9/11/1999	1900	19.5	9.0	100
9/11/1999	2000	19.3	8.7	96
9/11/1999	2100	19.2	8.6	94
9/11/1999	2200	19.2	8.5	93
9/11/1999	2300	19.1	8.4	92
9/12/1999	0	19.1	8.3	91
9/12/1999	100	19.0	8.3	90

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/12/1999	200	19.0	8.2	90
9/12/1999	300	18.9	8.1	89
9/12/1999	400	18.9	8.1	88
9/12/1999	500	18.8	8.0	87
9/12/1999	600	18.7	8.0	87
9/12/1999	700	18.5	8.0	86
9/12/1999	800	18.5	8.1	87
9/12/1999	900	18.4	8.3	89
9/12/1999	1000	18.4	8.4	91
9/12/1999	1100	18.4	8.6	93
9/12/1999	1200	18.6	9.1	98
9/12/1999	1300	18.9	9.4	103
9/12/1999	1400	19.0	9.2	100
9/12/1999	1500	19.0	9.2	101
9/12/1999	1600	19.0	9.2	101
9/12/1999	1700	19.1	9.2	101
9/12/1999	1800	19.1	9.0	99
9/12/1999	1900	19.1	8.8	96
9/12/1999	2000	19.0	8.5	94
9/12/1999	2100	19.0	8.4	92
9/12/1999	2200	18.9	8.3	91
9/12/1999	2300	18.8	8.3	90
9/13/1999	0	18.7	8.3	90
9/13/1999	100	18.6	8.2	89
9/13/1999	200	18.5	8.2	88
9/13/1999	300	18.4	8.1	88
9/13/1999	400	18.3	8.1	87
9/13/1999	500	18.2	8.1	87
9/13/1999	600	18.0	8.0	86
9/13/1999	700	17.8	8.1	86
9/13/1999	800	17.7	8.1	87
9/13/1999	900	17.6	8.2	87
9/13/1999	1000	17.6	8.5	91
9/13/1999	1100	17.8	9.1	97
9/13/1999	1200	18.1	9.2	99
9/13/1999	1300	18.2	9.4	101
9/13/1999	1400	18.3	9.4	102
9/13/1999	1500	18.5	9.6	104
9/13/1999	1600	18.5	9.4	102
9/13/1999	1700	18.7	9.7	106
9/13/1999	1800	18.6	9.3	101
9/13/1999	1900	18.4	9.0	97
9/13/1999	2000	18.3	8.7	94
9/13/1999	2100	18.2	8.6	93
9/13/1999	2200	18.1	8.5	92
9/13/1999	2300	18.1	8.5	91
9/14/1999	0	18.1	8.5	91
9/14/1999	100	17.9	8.4	90
9/14/1999	200	17.8	8.3	89
9/14/1999	300	17.7	8.3	89
9/14/1999	400	17.6	8.3	88
9/14/1999	500	17.4	8.2	87
9/14/1999	600	17.2	8.2	86
9/14/1999	700	17.0	8.2	86
9/14/1999	800	16.8	8.3	87
9/14/1999	900	16.7	8.5	88
9/14/1999	1000	16.7	8.8	91
9/14/1999	1100	16.9	9.2	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/14/1999	1200	17.0	9.2	97
9/14/1999	1300	17.2	9.4	99
9/14/1999	1400	17.1	9.3	97
9/14/1999	1500	17.2	9.4	99
9/14/1999	1600	17.4	9.7	102
9/14/1999	1700	17.5	9.8	104
9/14/1999	1800	17.5	9.5	101
9/14/1999	1900	17.3	9.3	98
9/14/1999	2000	17.2	9.0	95
9/14/1999	2100	17.1	8.9	94
9/14/1999	2200	17.0	8.9	93
9/14/1999	2300	16.9	8.8	93
9/15/1999	0	16.8	8.8	92
9/15/1999	100	16.7	8.7	91
9/15/1999	200	16.7	8.7	91
9/15/1999	300	16.6	8.7	90
9/15/1999	400	16.5	8.7	90
9/15/1999	500	16.3	8.6	89
9/15/1999	600	16.1	8.6	88
9/15/1999	700	16.0	8.6	88
9/15/1999	800	15.8	8.7	89
9/15/1999	900	15.8	8.8	89
9/15/1999	1000	15.9	9.1	93
9/15/1999	1100	16.2	9.6	99
9/15/1999	1200	16.6	10.0	104
9/15/1999	1300	16.8	9.9	103
9/15/1999	1400	17.1	9.9	104
9/15/1999	1500	17.2	10.2	108
9/15/1999	1600	17.5	10.5	111
9/15/1999	1700	17.6	10.8	115
9/15/1999	1800	17.5	10.6	112
9/15/1999	1900	17.4	10.2	108
9/15/1999	2000	17.2	9.9	105
9/15/1999	2100	17.0	9.7	102
9/15/1999	2200	16.9	9.6	101
9/15/1999	2300	16.7	9.6	100
9/16/1999	0	16.6	9.5	100
9/16/1999	100	16.5	9.5	99
9/16/1999	200	16.4	9.5	98
9/16/1999	300	16.3	9.4	98
9/16/1999	400	16.1	9.4	97
9/16/1999	500	16.0	9.0	93
9/16/1999	600	15.8	9.1	93
9/16/1999	700	15.6	9.3	95
9/16/1999	800	15.4	9.4	96
9/16/1999	900	15.3	9.5	97
9/16/1999	1000	15.3	9.8	99
9/16/1999	1100	15.7	10.1	103
9/16/1999	1200	16.2	10.3	107
9/16/1999	1300	16.7	10.6	111
9/16/1999	1400	17.2	10.7	114
9/16/1999	1500	17.5	10.9	116
9/16/1999	1600	17.8	10.9	117
9/16/1999	1700	17.8	10.8	116
9/16/1999	1800	17.8	10.7	115
9/16/1999	1900	17.6	10.3	110
9/16/1999	2000	17.5	10.0	106
9/16/1999	2100	17.3	9.8	104

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/16/1999	2200	17.3	9.8	104
9/16/1999	2300	17.2	9.7	102
9/17/1999	0	17.3	9.6	102
9/17/1999	100	17.2	9.6	101
9/17/1999	200	17.2	9.5	101
9/17/1999	300	17.1	9.5	100
9/17/1999	400	17.0	9.4	99
9/17/1999	500	16.7	9.2	97
9/17/1999	600	16.4	9.3	97
9/17/1999	700	16.1	9.3	96
9/17/1999	800	15.9	9.3	96
9/17/1999	900	15.7	9.4	97
9/17/1999	1000	15.7	9.6	99
9/17/1999	1100	16.0	10.0	103
9/17/1999	1200	16.6	10.3	108
9/17/1999	1300	17.1	10.5	111
9/17/1999	1400	17.6	10.8	115
9/17/1999	1500	18.0	10.9	117
9/17/1999	1600	18.3	10.9	118
9/17/1999	1700	18.4	10.9	118
9/17/1999	1800	18.3	10.7	116
9/17/1999	1900	18.1	10.3	111
9/17/1999	2000	17.8	9.9	107
9/17/1999	2100	17.7	9.7	104
9/17/1999	2200	17.7	9.6	103
9/17/1999	2300	17.6	9.6	103
9/18/1999	0	17.6	9.6	102
9/18/1999	100	17.6	9.5	101
9/18/1999	200	17.6	9.4	101
9/18/1999	300	17.5	9.3	99
9/18/1999	400	17.3	9.2	98
9/18/1999	500	17.1	9.2	97
9/18/1999	600	16.8	9.1	96
9/18/1999	700	16.5	9.1	95
9/18/1999	800	16.3	9.1	95
9/18/1999	900	16.1	9.3	96
9/18/1999	1000	16.1	9.5	98
9/18/1999	1100	16.3	9.8	102
9/18/1999	1200	16.8	10.1	106
9/18/1999	1300	17.3	10.4	110
9/18/1999	1400	17.7	10.5	112
9/18/1999	1500	18.1	10.5	114
9/18/1999	1600	18.4	10.7	116
9/18/1999	1700	18.4	10.6	114
9/18/1999	1800	18.3	10.0	108
9/18/1999	1900	18.2	9.7	105
9/18/1999	2000	17.9	9.7	104
9/18/1999	2100	17.8	9.4	101
9/18/1999	2200	17.7	9.3	99
9/18/1999	2300	17.6	9.2	99
9/19/1999	0	17.5	9.2	98
9/19/1999	100	17.5	8.9	94
9/19/1999	200	17.5	8.8	93
9/19/1999	300	17.5	8.8	93
9/19/1999	400	17.5	8.7	93
9/19/1999	500	17.5	8.7	92
9/19/1999	600	17.4	8.7	92
9/19/1999	700	17.3	8.6	91

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE	HOUR	TEMPERATURE	DO	DO
mm/dd/yy	(0-2300)	(Degrees C)	(mg/l)	(% Saturation)
9/19/1999	800	17.1	8.7	92
9/19/1999	900	17.0	9.2	97
9/19/1999	1000	17.0	9.4	98
9/19/1999	1100	17.2	9.8	103
9/19/1999	1200	17.6	10.1	107
9/19/1999	1300	18.0	10.2	110
9/19/1999	1400	18.0	10.1	108
9/19/1999	1500	18.1	10.0	108
9/19/1999	1600	17.9	9.8	105
9/19/1999	1700	17.7	9.5	102
9/19/1999	1800	17.5	9.3	99
9/19/1999	1900	17.4	9.2	98
9/19/1999	2000	17.3	9.2	97
9/19/1999	2100	17.2	9.2	97
9/19/1999	2200	17.0	9.1	96
9/19/1999	2300	16.9	9.1	96
9/20/1999	0	16.8	9.1	95
9/20/1999	100	16.7	9.1	95
9/20/1999	200	16.6	9.0	94
9/20/1999	300	16.4	9.0	94
9/20/1999	400	16.2	9.0	93
9/20/1999	500	16.1	9.0	93
9/20/1999	600	16.0	9.0	92
9/20/1999	700	15.7	9.0	92
9/20/1999	800	15.5	9.1	93
9/20/1999	900	15.4	9.3	94
9/20/1999	1000	15.4	9.6	98
9/20/1999	1100	15.6	10.0	103
9/20/1999	1200	15.7	10.4	106
9/20/1999	1300	16.0	10.6	109
9/20/1999	1400	16.2	10.7	111
9/20/1999	1500	16.3	10.7	111
9/20/1999	1600	16.2	10.7	111
9/20/1999	1700	16.2	10.6	110
9/20/1999	1800	16.1	10.5	108
9/20/1999	1900	15.9	10.2	106
9/20/1999	2000	15.7	10.0	102
9/20/1999	2100	15.6	9.8	100
9/20/1999	2200	15.4	9.7	98
9/20/1999	2300	15.2	9.7	98
9/21/1999	0	15.1	9.7	98
9/21/1999	100	14.9	9.6	97
9/21/1999	200	14.8	9.6	97
9/21/1999	300	14.5	9.6	96
9/21/1999	400	14.4	9.6	96
9/21/1999	500	14.2	9.6	95
9/21/1999	600	14.1	9.6	95
9/21/1999	700	13.8	9.6	94
9/21/1999	800	13.6	9.7	94
9/21/1999	900	13.5	9.8	95
9/21/1999	1000	13.5	10.0	97
9/21/1999	1100	13.7	10.3	101
9/21/1999	1200	14.3	10.7	106
9/21/1999	1300	14.8	10.9	110
9/21/1999	1400	15.3	11.1	113
9/21/1999	1500	15.6	11.2	115
9/21/1999	1600	15.8	11.2	115
9/21/1999	1700	15.9	11.1	115

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/21/1999	1800	15.7	10.9	112
9/21/1999	1900	15.5	10.6	108
9/21/1999	2000	15.3	10.2	104
9/21/1999	2100	15.1	10.1	102
9/21/1999	2200	15.1	10.0	102
9/21/1999	2300	15.1	10.0	101
9/22/1999	0	15.1	10.0	101
9/22/1999	100	15.1	9.9	100
9/22/1999	200	15.1	9.8	99
9/22/1999	300	15.0	9.7	98
9/22/1999	400	14.8	9.7	98
9/22/1999	500	14.6	9.6	96
9/22/1999	600	14.4	9.6	95
9/22/1999	700	14.1	9.6	95
9/22/1999	800	13.9	9.6	95
9/22/1999	900	13.7	9.8	96
9/22/1999	1000	13.7	10.0	99
9/22/1999	1100	14.1	10.4	103
9/22/1999	1200	14.6	10.7	107
9/22/1999	1300	15.1	10.9	110
9/22/1999	1400	15.4	11.0	112
9/22/1999	1500	15.6	11.1	113
9/22/1999	1600	15.8	11.2	115
9/22/1999	1700	16.0	11.1	115
9/22/1999	1800	16.0	10.8	112
9/22/1999	1900	15.9	10.5	108
9/22/1999	2000	15.7	10.1	104
9/22/1999	2100	15.7	10.0	103
9/22/1999	2200	15.7	10.0	102
9/22/1999	2300	15.7	9.9	102
9/23/1999	0	15.8	9.8	101
9/23/1999	100	15.9	9.7	100
9/23/1999	200	15.9	9.6	99
9/23/1999	300	15.9	9.5	98
9/23/1999	400	15.9	9.4	97
9/23/1999	500	15.7	9.3	96
9/23/1999	600	15.6	9.2	94
9/23/1999	700	15.4	9.2	94
9/23/1999	800	15.3	9.2	93
9/23/1999	900	15.3	9.3	95
9/23/1999	1000	15.3	9.5	97
9/23/1999	1100	15.4	9.9	101
9/23/1999	1200	15.6	10.2	104
9/23/1999	1300	16.0	10.4	107
9/23/1999	1400	16.5	10.6	111
9/23/1999	1500	16.8	10.7	112
9/23/1999	1600	16.8	10.7	112
9/23/1999	1700	16.6	10.6	111
9/23/1999	1800	16.6	10.3	108
9/23/1999	1900	16.5	10.1	105
9/23/1999	2000	16.4	9.8	102
9/23/1999	2100	16.2	9.8	101
9/23/1999	2200	16.1	9.7	100
9/23/1999	2300	15.9	9.7	100
9/24/1999	0	15.8	9.6	99
9/24/1999	100	15.7	9.6	98
9/24/1999	200	15.5	9.5	97
9/24/1999	300	15.4	9.4	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yyyy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/24/1999	400	15.2	9.4	95
9/24/1999	500	15.0	9.3	94
9/24/1999	600	14.9	9.3	93
9/24/1999	700	14.6	9.2	93
9/24/1999	800	14.5	9.3	93
9/24/1999	900	14.3	9.4	93
9/24/1999	1000	14.3	9.6	96
9/24/1999	1100	14.6	10.0	100
9/24/1999	1200	15.0	10.3	104
9/24/1999	1300	15.4	10.8	110
9/24/1999	1400	16.0	11.1	115
9/24/1999	1500	16.2	11.2	116
9/24/1999	1600	16.5	11.2	117
9/24/1999	1700	16.5	11.0	115
9/24/1999	1800	16.3	10.5	109
9/24/1999	1900	16.1	10.2	106
9/24/1999	2000	16.0	10.0	103
9/24/1999	2100	15.9	9.9	102
9/24/1999	2200	15.7	9.8	101
9/24/1999	2300	15.6	9.8	100
9/25/1999	0	15.5	9.7	99
9/25/1999	100	15.4	9.7	99
9/25/1999	200	15.3	9.6	97
9/25/1999	300	15.1	9.5	96
9/25/1999	400	14.9	9.4	95
9/25/1999	500	14.7	9.4	94
9/25/1999	600	14.4	9.4	93
9/25/1999	700	14.1	9.3	92
9/25/1999	800	13.9	9.4	92
9/25/1999	900	13.7	9.5	93
9/25/1999	1000	13.7	9.7	95
9/25/1999	1100	14.0	10.2	101
9/25/1999	1200	14.6	10.6	106
9/25/1999	1300	15.2	11.0	111
9/25/1999	1400	15.7	11.2	115
9/25/1999	1500	15.9	11.4	117
9/25/1999	1600	16.1	11.2	116
9/25/1999	1700	16.0	11.1	114
9/25/1999	1800	15.9	10.8	111
9/25/1999	1900	15.7	10.4	107
9/25/1999	2000	15.5	10.1	103
9/25/1999	2100	15.4	9.8	100
9/25/1999	2200	15.4	9.7	99
9/25/1999	2300	15.3	9.7	99
9/26/1999	0	15.4	9.7	98
9/26/1999	100	15.3	9.6	98
9/26/1999	200	15.3	9.5	97
9/26/1999	300	15.3	9.4	96
9/26/1999	400	15.2	9.4	95
9/26/1999	500	15.1	9.3	94
9/26/1999	600	15.0	9.3	94
9/26/1999	700	15.0	9.2	93
9/26/1999	800	15.0	9.2	93
9/26/1999	900	15.1	9.5	96
9/26/1999	1000	15.2	9.8	99
9/26/1999	1100	15.4	10.1	103
9/26/1999	1200	15.8	10.5	108
9/26/1999	1300	16.2	10.7	111

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/26/1999	1400	16.6	10.8	113
9/26/1999	1500	16.7	10.5	110
9/26/1999	1600	16.6	10.1	106
9/26/1999	1700	16.5	9.9	103
9/26/1999	1800	16.5	9.7	101
9/26/1999	1900	16.5	9.5	99
9/26/1999	2000	16.5	9.4	98
9/26/1999	2100	16.5	9.3	97
9/26/1999	2200	16.5	9.2	96
9/26/1999	2300	16.5	9.2	96
9/27/1999	0	16.4	9.1	95
9/27/1999	100	16.4	9.1	95
9/27/1999	200	16.4	9.0	94
9/27/1999	300	16.3	9.0	94
9/27/1999	400	16.3	8.9	93
9/27/1999	500	16.2	8.9	93
9/27/1999	600	16.2	8.9	92
9/27/1999	700	16.1	8.8	91
9/27/1999	800	16.0	8.9	92
9/27/1999	900	15.9	8.9	92
9/27/1999	1000	15.8	9.0	93
9/27/1999	1100	15.7	9.3	95
9/27/1999	1200	15.7	9.4	96
9/27/1999	1300	15.6	9.5	97
9/27/1999	1400	15.6	9.4	96
9/27/1999	1500	15.5	9.4	96
9/27/1999	1600	15.5	9.6	98
9/27/1999	1700	15.6	9.7	99
9/27/1999	1800	15.5	9.6	98
9/27/1999	1900	15.5	9.5	97
9/27/1999	2000	15.4	9.4	95
9/27/1999	2100	15.4	9.4	95
9/27/1999	2200	15.4	9.4	95
9/27/1999	2300	15.4	9.3	95
9/28/1999	0	15.4	9.3	95
9/28/1999	100	15.4	9.3	94
9/28/1999	200	15.4	9.3	94
9/28/1999	300	15.3	9.2	94
9/28/1999	400	15.2	9.2	94
9/28/1999	500	15.2	9.2	93
9/28/1999	600	15.1	9.1	92
9/28/1999	700	15.0	9.1	92
9/28/1999	800	14.9	9.1	92
9/28/1999	900	14.8	9.3	93
9/28/1999	1000	14.8	9.5	95
9/28/1999	1100	14.9	9.8	98
9/28/1999	1200	14.9	9.9	100
9/28/1999	1300	14.9	9.9	100
9/28/1999	1400	14.9	10.0	101
9/28/1999	1500	14.9	10.1	102
9/28/1999	1600	15.0	10.2	102
9/28/1999	1700	15.0	10.1	102
9/28/1999	1800	14.9	9.9	100
9/28/1999	1900	14.9	9.7	98
9/28/1999	2000	14.9	9.7	97
9/28/1999	2100	14.8	9.6	97
9/28/1999	2200	14.7	9.7	97
9/28/1999	2300	14.7	9.6	96

Chalk Hill Upstream at Hwy Z - 1999 Data

DATE mm/dd/yy	HOUR (0-2300)	TEMPERATURE (Degrees C)	DO (mg/l)	DO (% Saturation)
9/29/1999	0	14.6	9.6	96
9/29/1999	100	14.6	9.5	95
9/29/1999	200	14.5	9.5	95
9/29/1999	300	14.3	9.4	94
9/29/1999	400	14.2	9.4	93
9/29/1999	500	14.0	9.4	93
9/29/1999	600	13.9	9.4	92
9/29/1999	700	13.7	9.4	92
9/29/1999	800	13.6	9.4	92
9/29/1999	900	13.5	9.5	93
9/29/1999	1000	13.5	9.7	95
9/29/1999	1100	13.8	10.3	101
9/29/1999	1200	14.2	10.7	106
9/29/1999	1300	14.6	10.9	109
9/29/1999	1400	15.0	11.1	112
9/29/1999	1500	15.5	10.9	112
9/29/1999	1600	15.5	11.0	112
9/29/1999	1700	15.3	10.8	110
9/29/1999	1800	15.1	10.5	106
9/29/1999	1900	14.9	10.2	103
9/29/1999	2000	14.8	9.3	93
9/29/1999	2100	14.7	10.0	100
9/29/1999	2200	14.5	10.0	99
9/29/1999	2300	14.3	9.9	98
9/30/1999	0	14.2	9.8	98
9/30/1999	100	13.9	9.7	96
9/30/1999	200	13.7	9.7	95
9/30/1999	300	13.6	9.6	94
9/30/1999	400	13.4	9.6	93
9/30/1999	500	13.2	9.5	92
9/30/1999	600	13.0	9.5	91
9/30/1999	700	12.8	9.5	91
9/30/1999	800	12.7	9.5	92
9/30/1999	900	12.7	9.7	93
9/30/1999	1000	12.6	10.0	96
9/30/1999	1100	12.7	10.6	101
9/30/1999	1200	13.0	10.9	105
9/30/1999	1300	13.5	11.2	109
9/30/1999	1400	14.0	11.1	110
9/30/1999	1500	14.0	10.8	107
9/30/1999	1600	14.0	11.2	110
9/30/1999	1700	13.9	10.1	100
9/30/1999	1800	13.8	10.5	103
9/30/1999	1900	13.6	10.2	100
9/30/1999	2000	13.5	10.0	98
9/30/1999	2100	13.4	9.9	97
9/30/1999	2200	13.4	9.9	97
9/30/1999	2300	13.4	9.9	96